

# Agricultural Prices



USDA  
Washington, D.C.

Released January 29, 1999, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, U.S. Department of Agriculture. For information on "Agricultural Prices" or other assistance, see page B-34.

## Prices Received Index Drops 1 Point

The All Farm Products Index of Prices Received in January was 98 based on 1990-92=100, down 1 point (1.0 percent) from December. Price increases from December for hogs, tomatoes, cattle, and oranges more than offset price decreases for turkeys, milk, lettuce, and broilers. The seasonal changes in the mix of commodities farmers sell also affect the overall index level. Lower seasonal marketings of cotton, milk, tobacco, and cottonseed more than offset the relatively higher marketings of corn, soybeans, cattle, and rice. These seasonal marketing changes more than offset an increase in prices and accounted for the one point decline in the overall index.

Compared with January 1998, the All Farm Products Index was 5 points (4.9 percent) lower. Price decreases from January 1998 for corn, soybeans, hogs, and cattle more than offset price increases for milk, broilers, oranges, and tomatoes.

## Prices Paid Index Up 1 Point

The January Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) was 114 percent of the 1990-92 average. The index was up 1 point from December but 3 points (2.6 percent) below January 1998. Since December, higher prices for feeder cattle, feeder pigs, hay and forages, and complete feeds more than offset lower prices for diesel fuel, gasoline, nitrogen fertilizers, and feed concentrates.

Index Summary Table

Index 1990-92=100	1997		1998		1999	
	Dec	Jan	Dec	Jan	Dec	Jan
Prices Received	105	103	99	98		
Prices Paid	117	117	113	114		
Ratio <sup>1/</sup>	90	88	88	86		

<sup>1/</sup> Ratio of index of prices received by farmers to index of prices paid.

## Prices Received by Farmers

The January All Farm Products Index was 98 percent of its 1990-92 base, down 1.0 percent from December and down 4.9 percent from January 1998.

**All Crops:** The January index was 98, down 2.0 percent from December and 11 percent below January 1998. From December, price decreases for cotton and oilseeds offset price increases for vegetables and fruit and nuts.

**Food Grains:** The January index, at 102, was up 1.0 percent from the previous month but was 12 percent below January 1998. The January all wheat price, at \$2.86 per bushel, was down 1 cent from December and 46 cents below January 1998.

**Feed Grains & Hay:** The January index was 89, unchanged from last month but 21 percent below January 1998. The corn price, at \$2.01 per bushel, was unchanged from December but 55 cents below the January 1998 price. The all hay price, at \$78.80 per ton, was up 40 cents from last month but was \$15.90 below January 1998.

**Oil-Bearing Crops:** The January index, at 94, was down 7.8 percent from December and 21 percent below January 1998. Soybean prices, at \$5.22 per bushel, decreased 15 cents from December and were \$1.47 below January 1998.

**Fruit and Nuts:** The January fruit and nuts index, at 101, was up 2.0 percent from the previous month and up 26 percent from January 1998. Prices were up from last month for all fruits in the index, except grapefruit.

**Commercial Vegetables:** The January index, at 120, was up 9.1 percent from last month but was 4.0 percent below January 1998. Prices rose seasonally from December for most vegetables, except lettuce.

**Livestock and Products:** The January index, at 96, was down 1.0 percent from last month but up 2.1 percent from January 1998. Compared with a year ago, prices were down for hogs, cattle, calves, and eggs but up for all milk and broilers.

**Meat Animals:** The January index, at 75, was up 14 percent from last month but 11 percent below a year ago. The January hog price was \$25.70 per cwt, up \$11.00 from December but \$10.30 below a year ago. The January beef cattle price, of \$59.00, was up \$2.20 from last month but \$3.50 below January 1998. The number of cattle and calves on feed for slaughter market January 1, 1999 in the United States was down 3 percent from a year ago.

**Poultry and Eggs:** The January index, at 114, was 5.0 percent below December but 8.6 percent above a year ago. Export demand for poultry and eggs continued to soften. The January broiler price, at 37.9 cents per pound, was down 1.1 cents from December, with a seasonal weakening of demand. Market egg prices decreased 4.7 cents to 58.2 cents per dozen. Supplies of eggs were more than adequate to meet demand. Turkey prices decreased 6.3 cents to 34.8 cents per pound, following a normal seasonal decline.

**Dairy Products:** The January index, at 136, was down 1.4 percent from December but was 20 percent above January 1998. The January all milk price, at \$17.70 per cwt, was down 30 cents from December but up \$3.00 from last year. December milk production was up 3.0 percent from a year earlier. Prices decreased for both fluid and manufacturing grade milk. Cheese prices decreased during January.

Index Numbers of Prices Received, United States, January 1999,  
with Comparisons

Index	1910-14=100				1990-92=100			
	1998		1999		1998		1999	
	Average:	Jan	Dec	Jan	Jan	Dec	Jan	
All Farm Products	639	653	*626	620	103	*99	98	
All Crops	500	541	*494	486	110	100	98	
Food Grains	325	369	*322	325	116	*101	102	
Feed Grains & Hay	363	402	*319	318	113	*89	89	
Cotton	517	516	*513	500	101	*100	98	
Tobacco	1263	1670	*1661	1652	110	110	109	
Oil-Bearing Crops	554	652	*556	515	119	*102	94	
Fruit & Nuts	716	558	*694	707	80	*99	101	
Commercial Vegetables	698	832	*737	804	125	*110	120	
Potatoes & Dry Beans	540	501	*472	470	99	93	93	
Other Crops	493	532	532	532	108	108	108	
Livestock & Products	768	725	*741	740	94	*97	96	
Meat Animals	1021	851	*674	759	84	*66	75	
Dairy Products	799	903	*1106	1088	113	*138	136	
Poultry & Eggs	282	296	336	321	105	120	114	
Food Commodities					100	*99	98	

\* Revised.

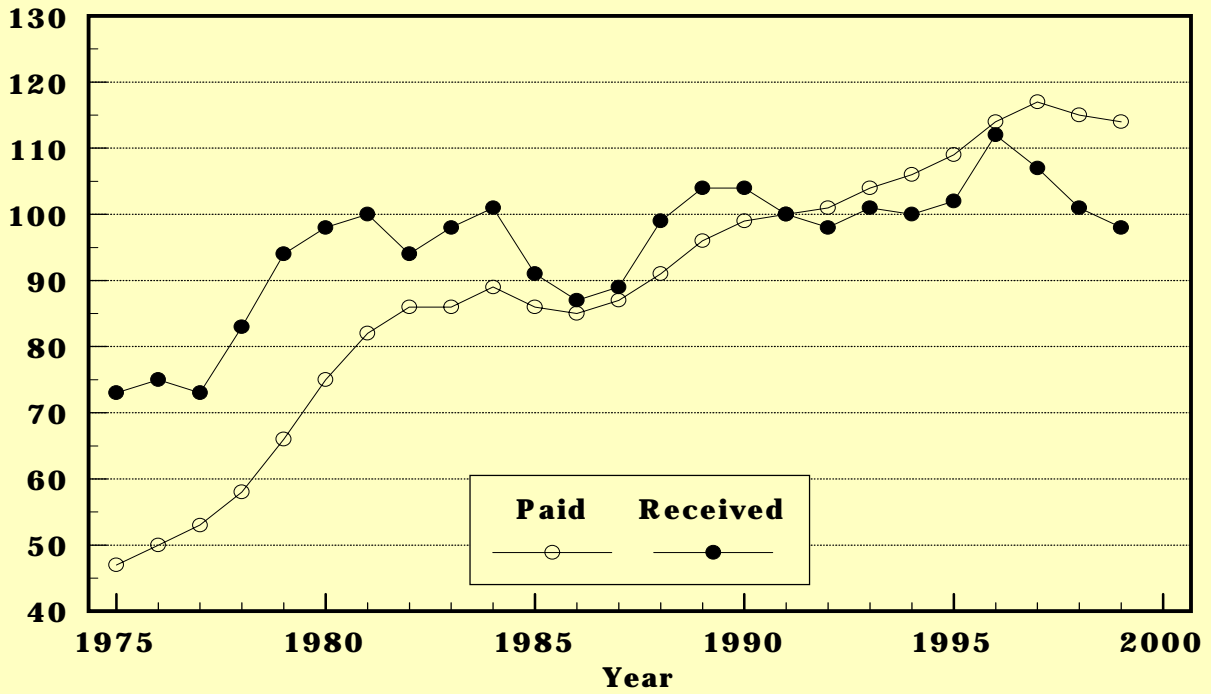
Selected Index Numbers for Prices Received and Paid,  
1990-92=100, by Months, United States, 1998 and 1999

Month	Index of Prices Received				Index of Prices Paid					
	All Farm Products		All Crops		Livestock and Products		All Items		Production Items	
	1998	1999	1998	1999	1998	1999	1998	1999	1998	1999
Jan	103	98	110	98	94	96	117	114	116	111
Feb	101		109		94		117		115	
Mar	102		111		95		116		114	
Apr	104		115		95		116		114	
May	103		113		95		116		114	
Jun	102		107		98		115		113	
Jul	102		107		96		115		112	
Aug	101		104		98		114		111	
Sep	99		101		97		113		110	
Oct	99		100		98		114		110	
Nov	100		102		97		114		110	
Dec	99		100		97		113		110	

# Farm Prices Received vs Prices Paid

Annual Average Indexes\*

Index Values (1990-92=100)

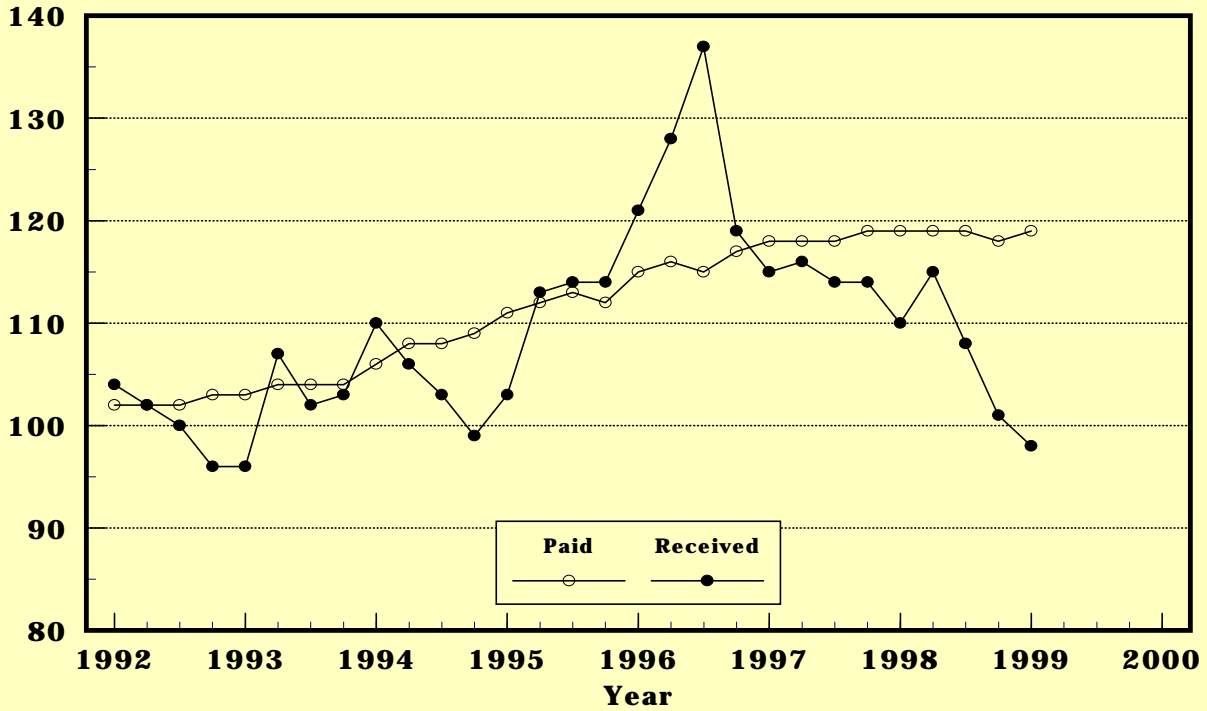


\* Index values for 1999 are year-to-date averages.

# Crop Farm Index: Prices Received and Prices Paid

All Items, U.S., 1992-99, By Quarter

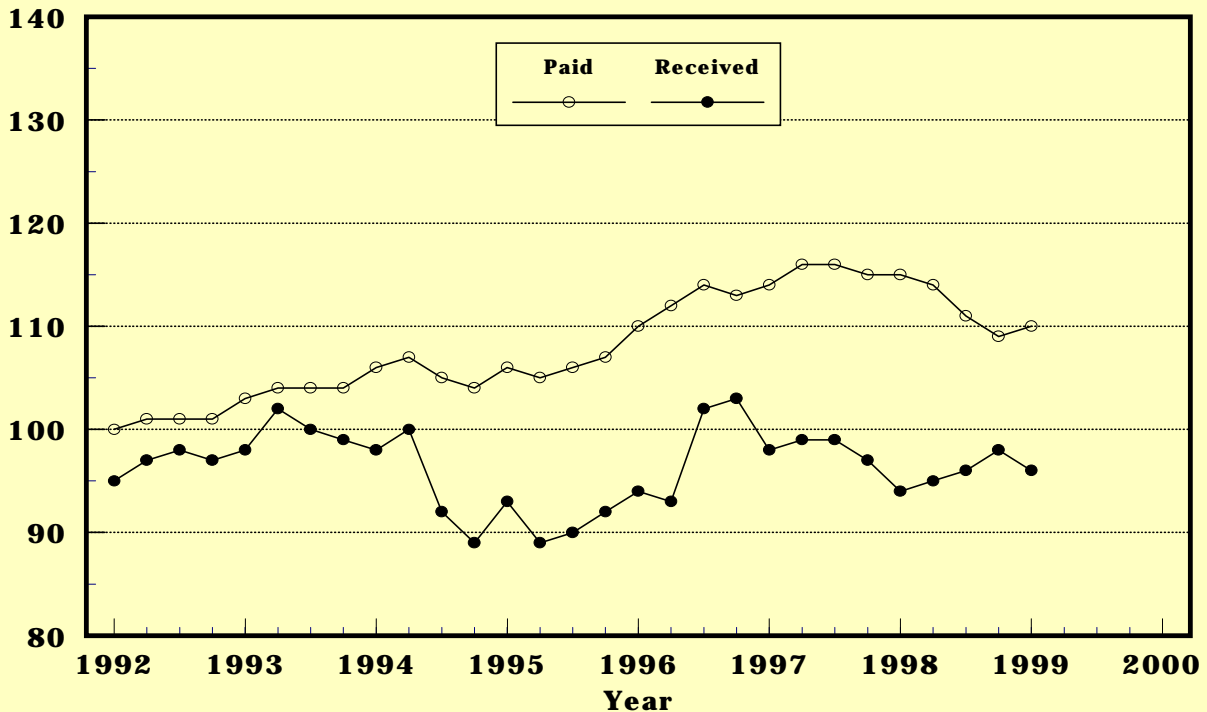
Index Values (1990-92=100)



# Livestock Farm Index: Prices Received and Prices Paid

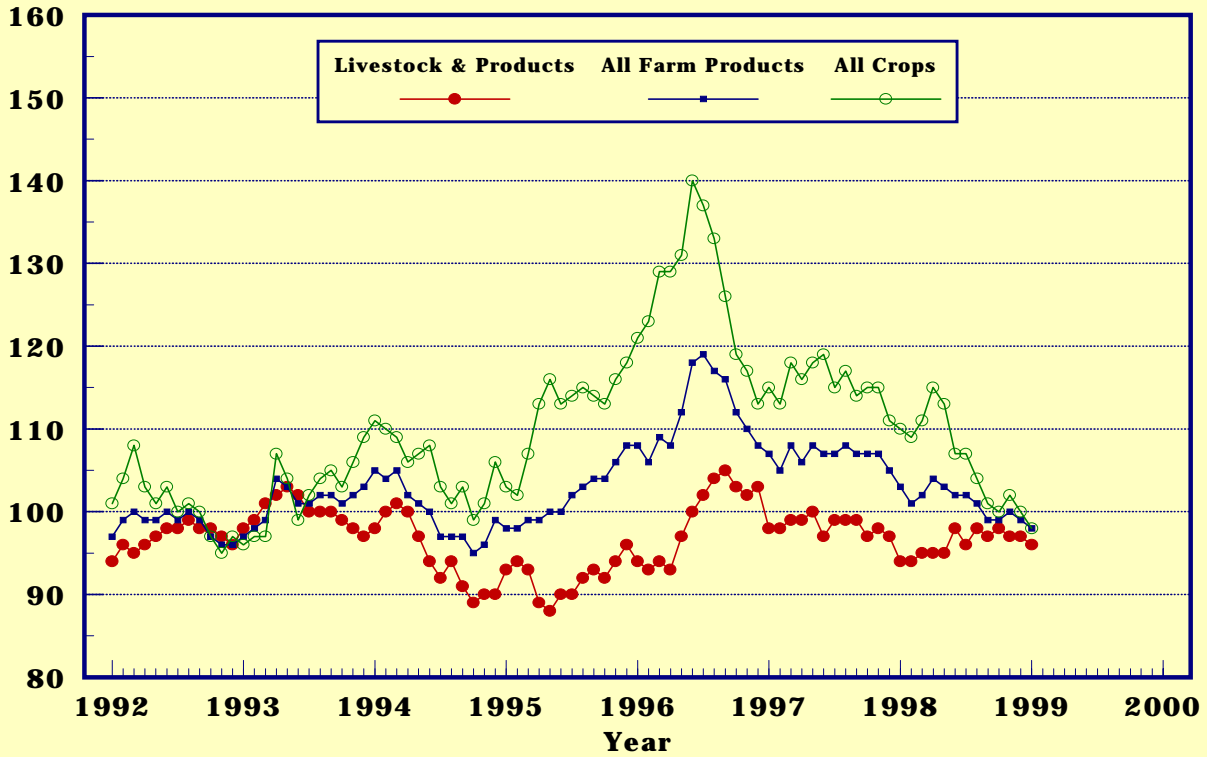
All Items, U.S., 1992-99, By Quarter

Index Values (1990-92=100)



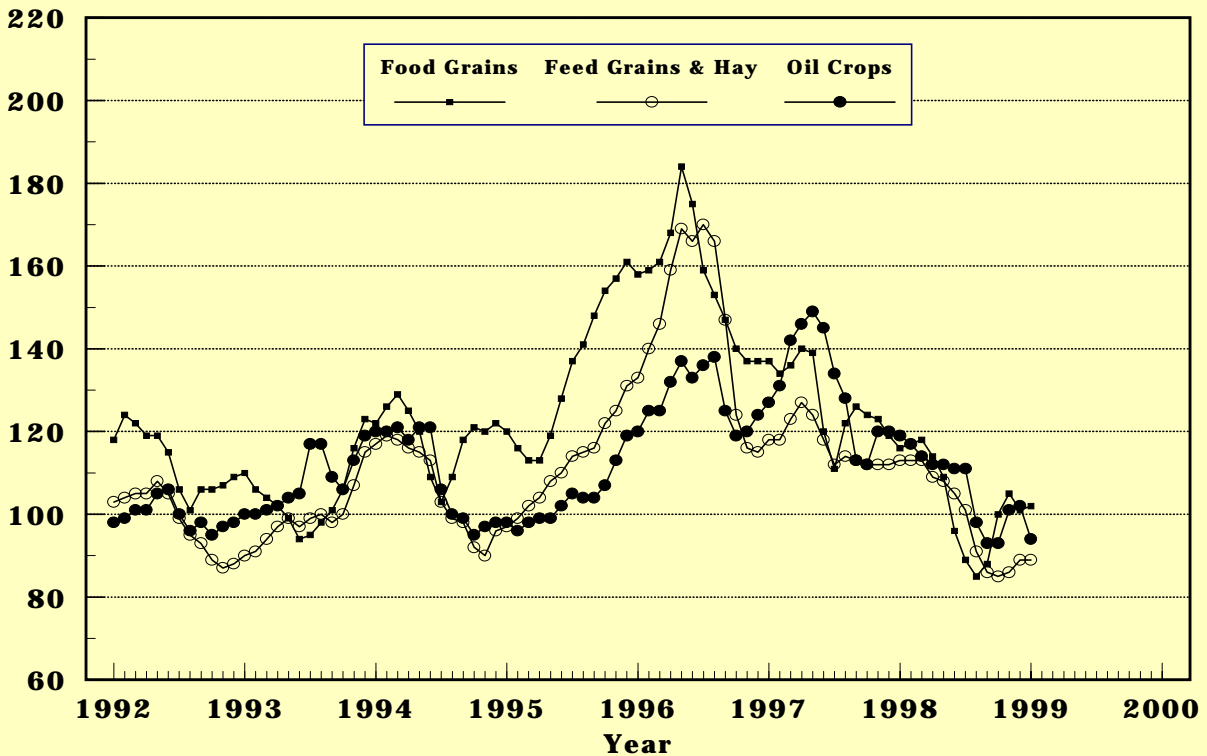
## Prices Received, Major Indexes, US

Index Values(1990-92=100)



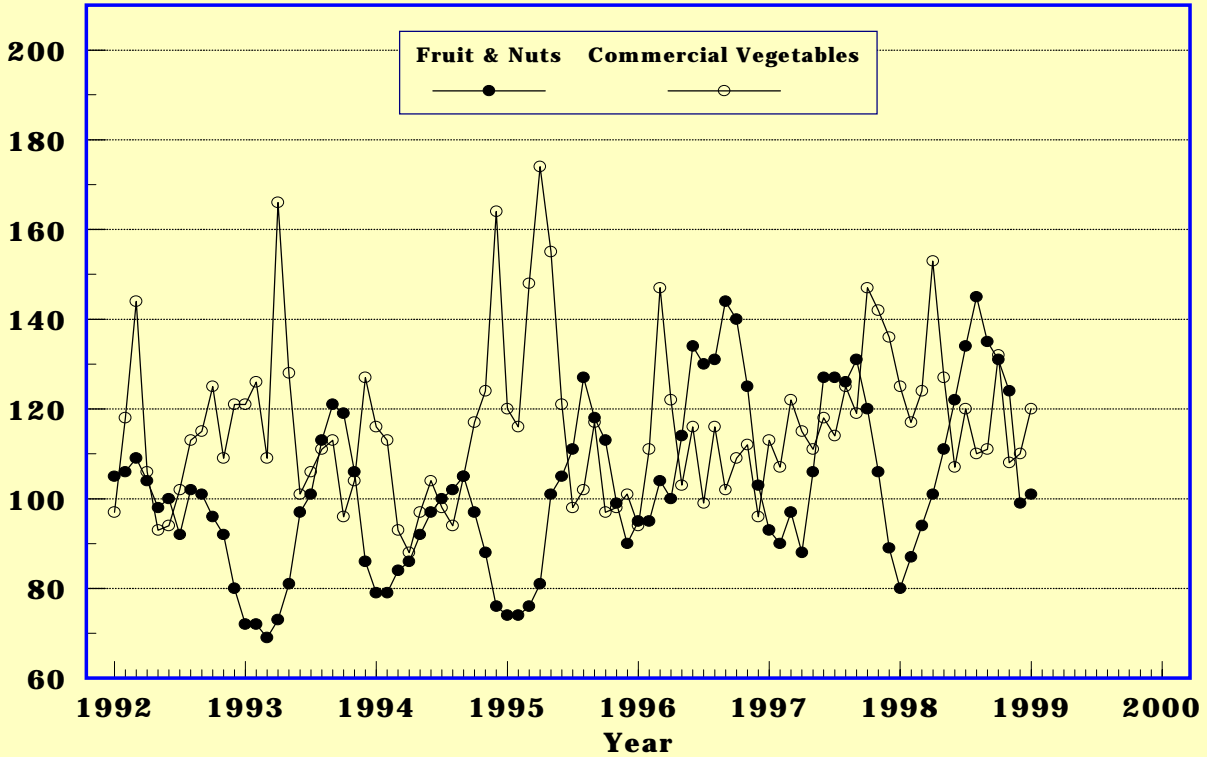
## Prices Received, Food, Feed & Oil Indexes, US

Index Values(1990-92=100)



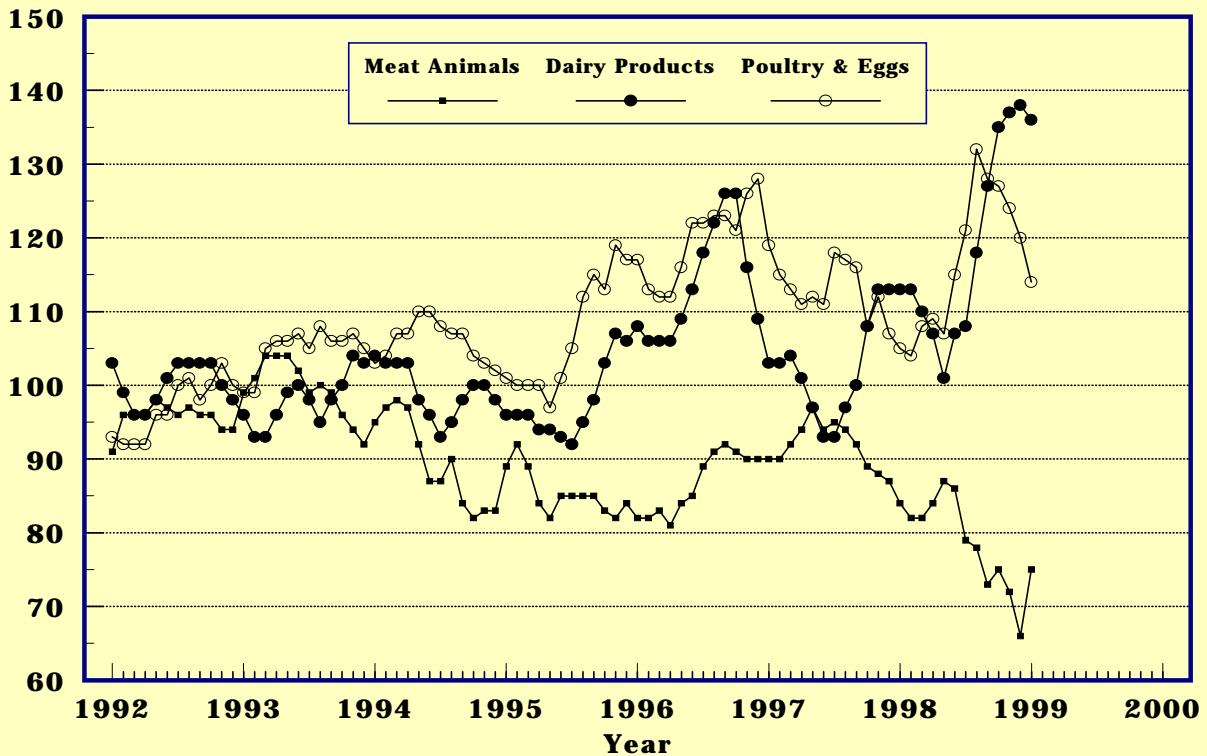
## Prices Received, Fruit/Vegetable Indexes, US

Index Values(1990-92=100)



## Prices Received, Livestock Product Indexes, US

Index Values(1990-92=100)



Prices Received, United States,  
January 1999, with Comparisons

Commodity	Unit	Average 1990-92	Entire Month		Preliminary
			Jan	Dec	Jan
			1998	1998	1999
Dollars					
Field Crops					
Barley, All	Bu	2.12	2.42	2.00	1.99
Feed	Bu	1.90	2.09	1.54	1.56
Malting	Bu	2.43	2.66	2.33	2.32
Beans, Dry Edible	Cwt	19.10	21.10	20.50	19.50
Corn	Bu	2.30	2.56	2.01	2.01
Cotton, Upland	Lb	.606	.611	.607	.591
Cottonseed	Ton	96.00	121.00	138.00	139.00
Flaxseed	Bu	4.27	5.82	5.01	5.03
Hay, All, Baled 1/	Ton	76.30	94.70	78.40	78.80
Alfalfa 1/	Ton	77.20	102.00	81.40	81.40
Other 1/	Ton	60.00	76.40	69.40	71.00
Oats	Bu	1.22	1.60	1.17	1.14
Peanuts, In-Shell	Lb	.304		.240	.279
Potatoes	Cwt	5.82	5.55	5.20	5.24
Rice, Rough	Cwt	7.07	9.57	9.06	9.12
Sorghum Grain	Cwt	3.75	4.02	2.98	3.01
Soybeans	Bu	5.61	6.69	5.37	5.22
Sunflower 2/	Cwt	9.50	11.10	10.80	10.50
Tobacco	Lb	1.740	1.920	1.910	1.900
Wheat, All	Bu	2.96	3.32	2.87	2.86
Winter	Bu	2.93	3.16	2.67	2.71
Durum	Bu	2.86	5.02	3.14	3.02
Other Spring	Bu	3.11	3.44	3.26	3.20
Hard Red Winter	Bu			2.71	
Soft Red Winter	Bu	2.87	3.12	2.34	
Hard Red Spring	Bu			3.34	
White	Bu	3.24	3.21	2.58	
Fruit					
Citrus-Equiv on-tree					
Grapefruit	Box	5.77	1.01	2.70	1.80
Lemons	Box	10.10	1.77	7.44	8.57
Limes	Box	10.15	12.50	4.92	19.50
Oranges	Box	5.79	3.15	4.74	5.15
Tangelos	Box	5.82	1.26	5.45	5.37
Tangerines	Box	15.11	10.03	11.30	17.19
Temples	Box	6.23	3.04		7.83
Non-citrus					
Apples, Fresh 3/	Lb	.212	.219	.152	.159
Grapes, Fresh 3/	Ton	506.00			
Peaches, Fresh 3/	Lb	.216			
Pears, Fresh 3/	Ton	370.00	269.00	354.00	373.00
Strawberries, Fresh	Lb	.560	1.10	1.08	1.61

1/ Mid-month price.

2/ KS, MN, ND and SD average.

3/ Equivalent packinghouse-door returns for CA, NY (apples only), OR (pears only) and WA (apples, peaches, and pears). Prices as sold for other states.

-- continued



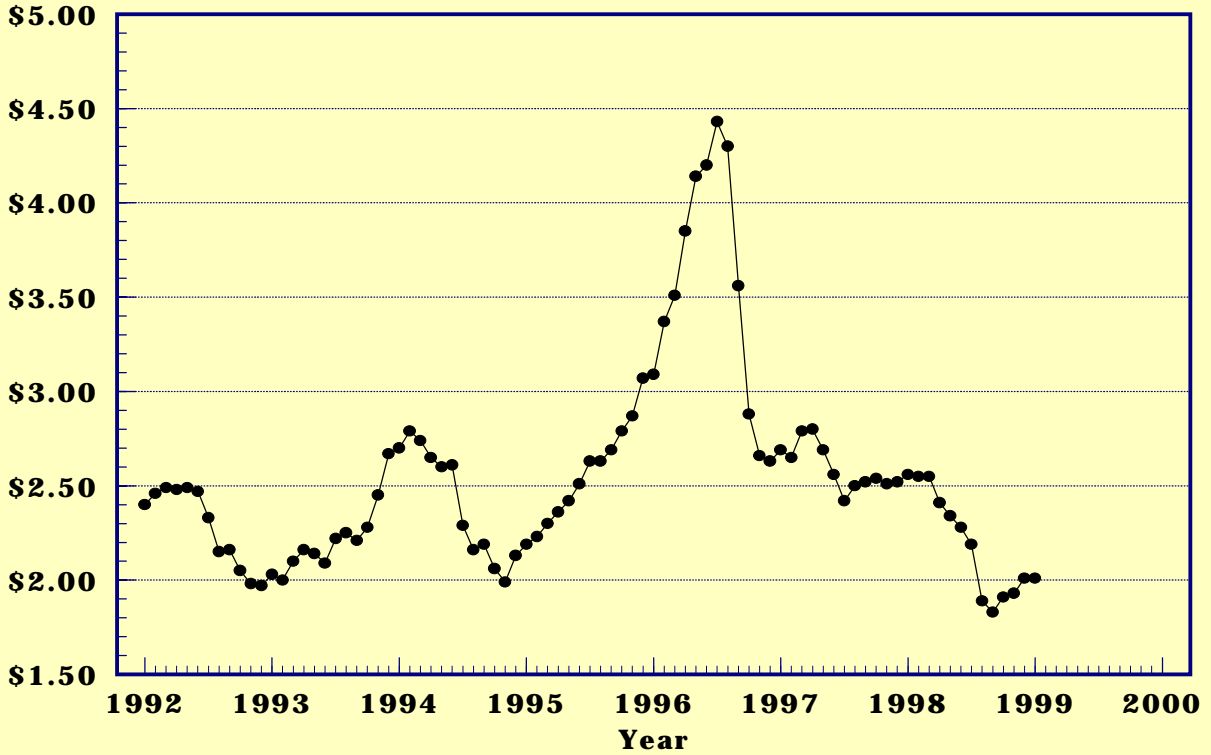
Prices Received, United States,  
January 1999, with Comparisons (continued)

Commodity	Unit	Average 1990-92	Entire Month		Preliminary
			Jan	Dec	Jan
			1998	1998	1999
Dollars					
Vegetables, Fresh 1/					
Asparagus	Cwt	79.80	179.00		147.00
Broccoli	Cwt	22.50	34.70	24.30	35.60
Cantaloupes	Cwt				
Carrots	Cwt	13.20	12.70	11.00	15.50
Cauliflower	Cwt	26.80	40.00	38.30	40.30
Celery	Cwt	11.60	11.20	8.56	10.70
Corn, Sweet	Cwt	15.70	23.10	13.70	20.80
Cucumbers 2/	Cwt			18.80	
Lettuce	Cwt	11.90	19.00	11.90	9.59
Onions	Cwt	12.80	13.20	16.00	16.90
Snap Beans 2/	Cwt		74.80	48.40	43.30
Tomatoes	Cwt	32.30	31.10	45.00	63.40
Livestock					
Calves	Cwt	94.30	86.60	80.20	81.90
Cattle, All Beef	Cwt	72.90	62.50	56.80	59.00
Cows	Cwt	49.60	34.50	30.80	33.10
Steers & Heifers	Cwt	77.10	66.10	60.30	62.40
Milk Cows 3/	Head	1130.00	1070.00		1250.00
Hogs, All	Cwt	47.70	36.00	14.70	25.70
Barrows & Gilts	Cwt	48.40	36.50	14.80	26.10
Sows	Cwt	39.50	26.40	12.10	19.00
Lambs	Cwt	56.20	78.40	64.50	
Sheep	Cwt	23.40	42.00	30.30	
Dairy and Poultry					
Milk, All 4/	Cwt	13.06	14.70	18.00	5/17.70
Fluid Grade	Cwt	13.10	14.70	18.00	5/17.80
Mfg Grade	Cwt	11.80	13.50	17.40	5/16.10
Broilers, Live 6/	Lb	.317	.331	.390	.379
Eggs, All 7/	Doz	.643	.740	.758	.719
Market 7/	Doz	.546	.625	.629	.582
Turkeys, Live 6/7/	Lb	.380	.355	.411	.348
Adjusted for Seasonal Variation					
Eggs, All	Doz	.545	.698	.702	.672
Milk, All 4/	Cwt	9.71	14.41	17.82	17.52

- 1/ F.O.B. shipping point.
- 2/ Monthly estimates began January 1995.
- 3/ Animals sold for dairy herd replacement only. Prices available for Jan, Apr, Jul, and Oct.
- 4/ Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
- 5/ Fat test percent: all milk 3.77, fluid milk 3.77, mfg grade 3.90.
- 6/ Liveweight equivalent price.
- 7/ Mid-month price.

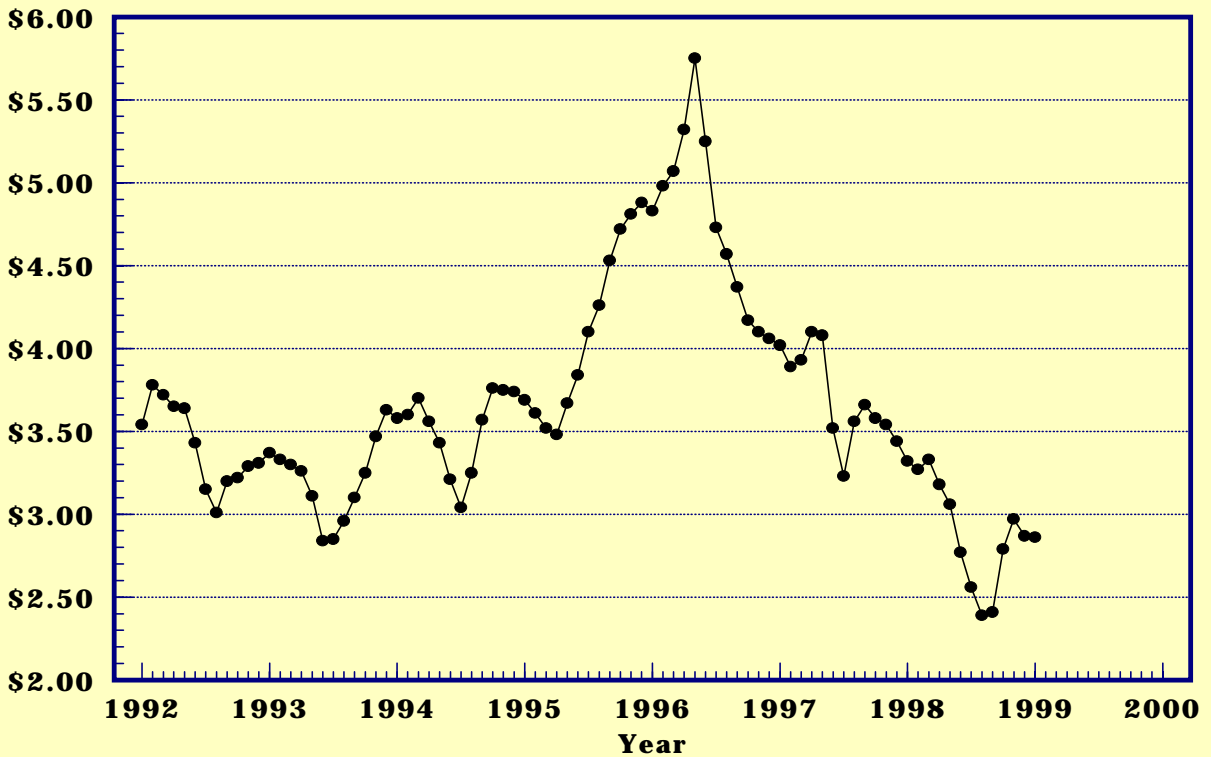
## Prices Received, Corn, US

Dollars per Bu



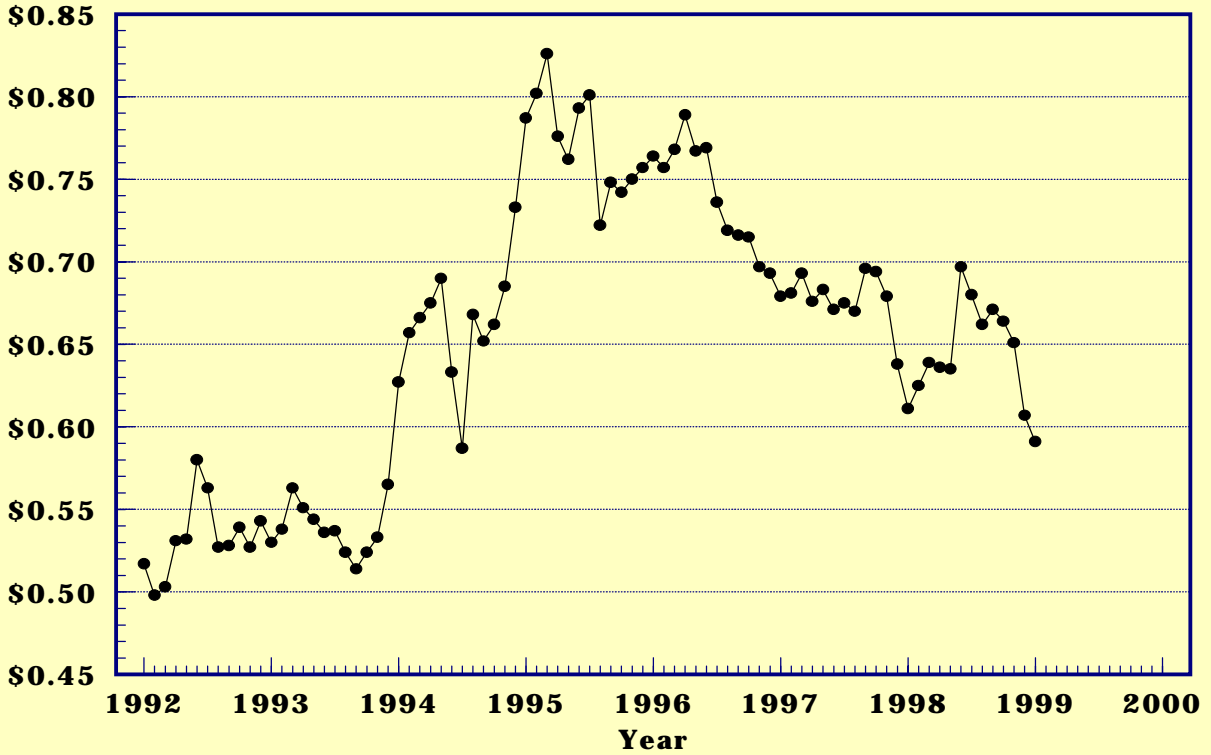
## Prices Received, Wheat, US

Dollars per Bu



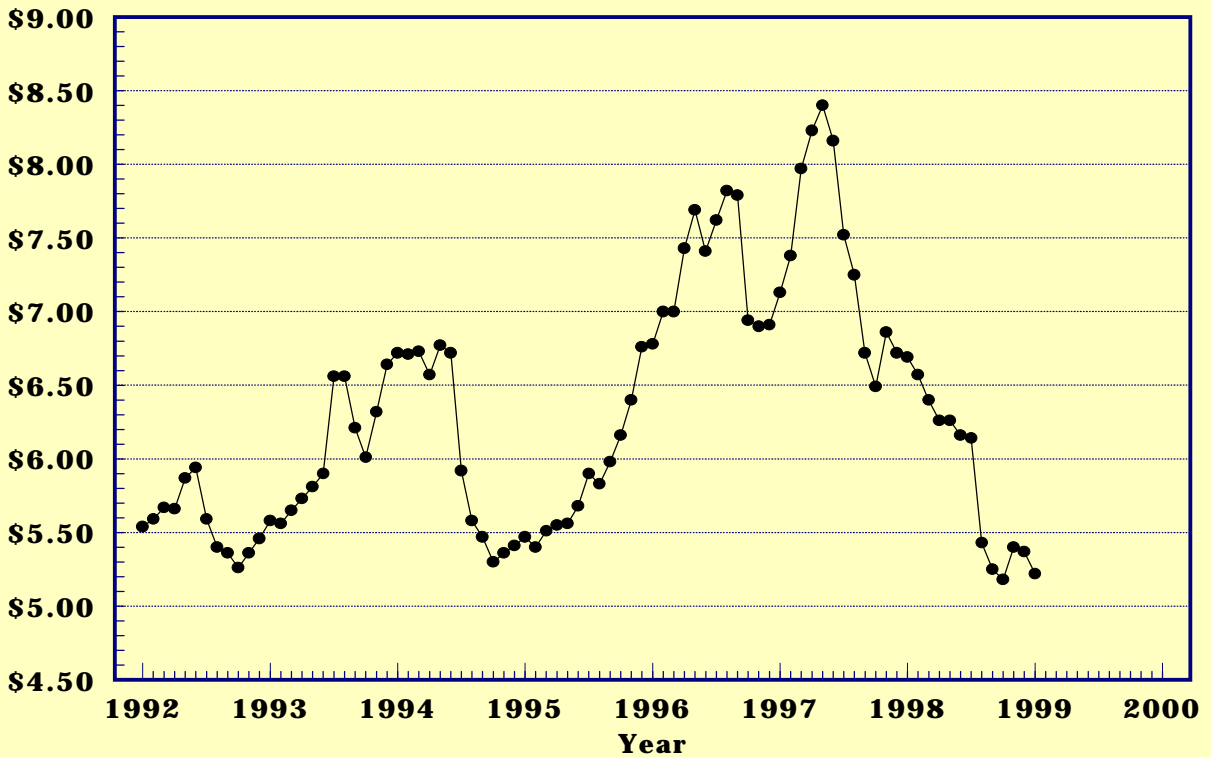
## Prices Received, Cotton, US

Dollars per Lb



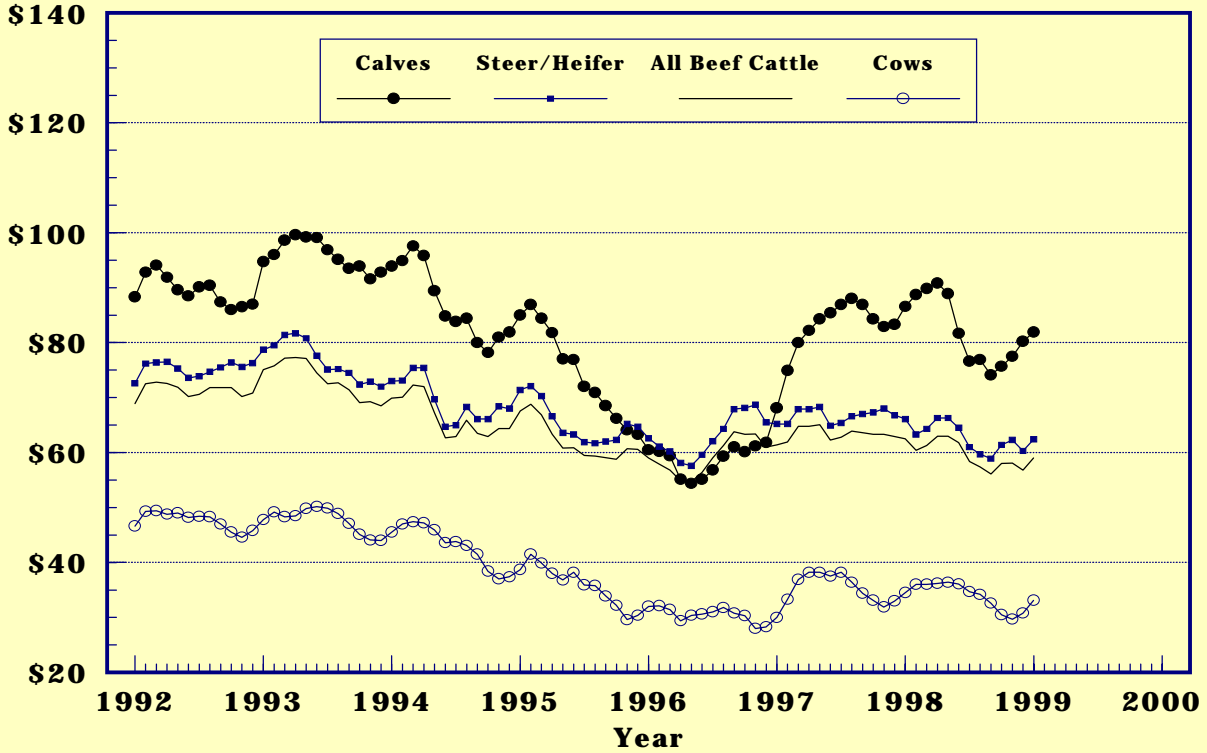
## Prices Received, Soybeans, US

Dollars per Bu



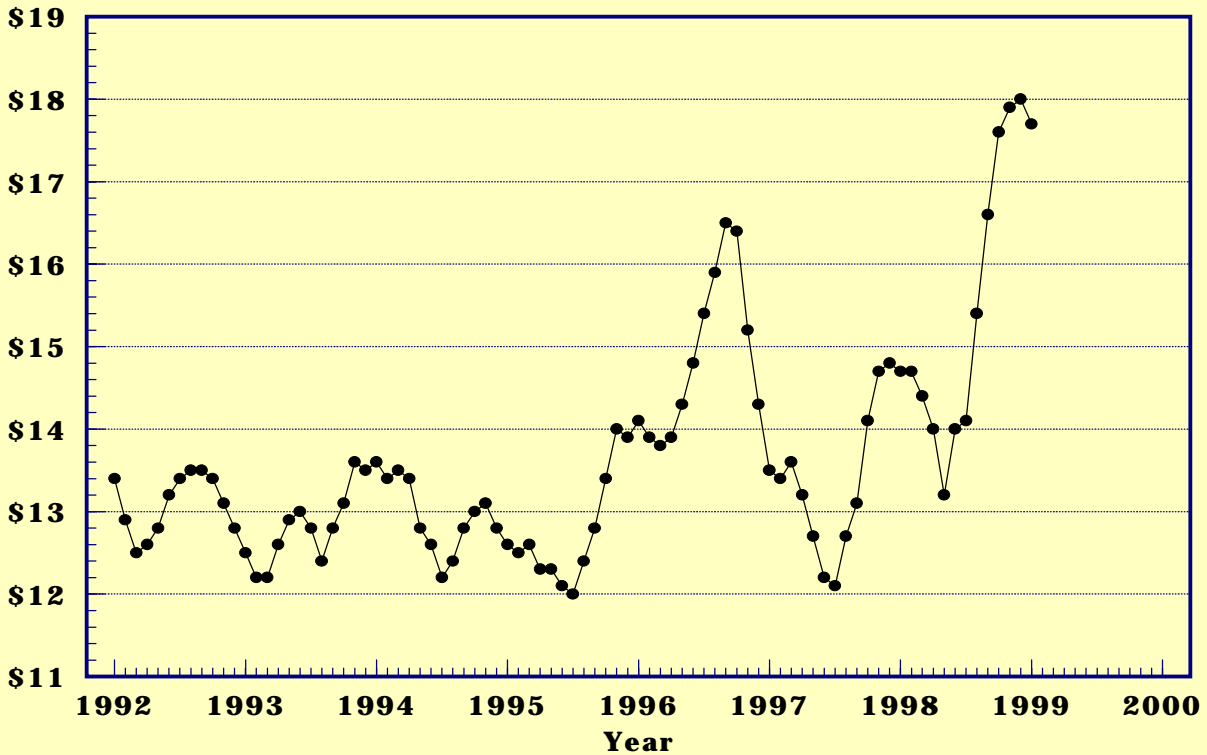
## Prices Received, Cattle, US

Dollars per Cwt



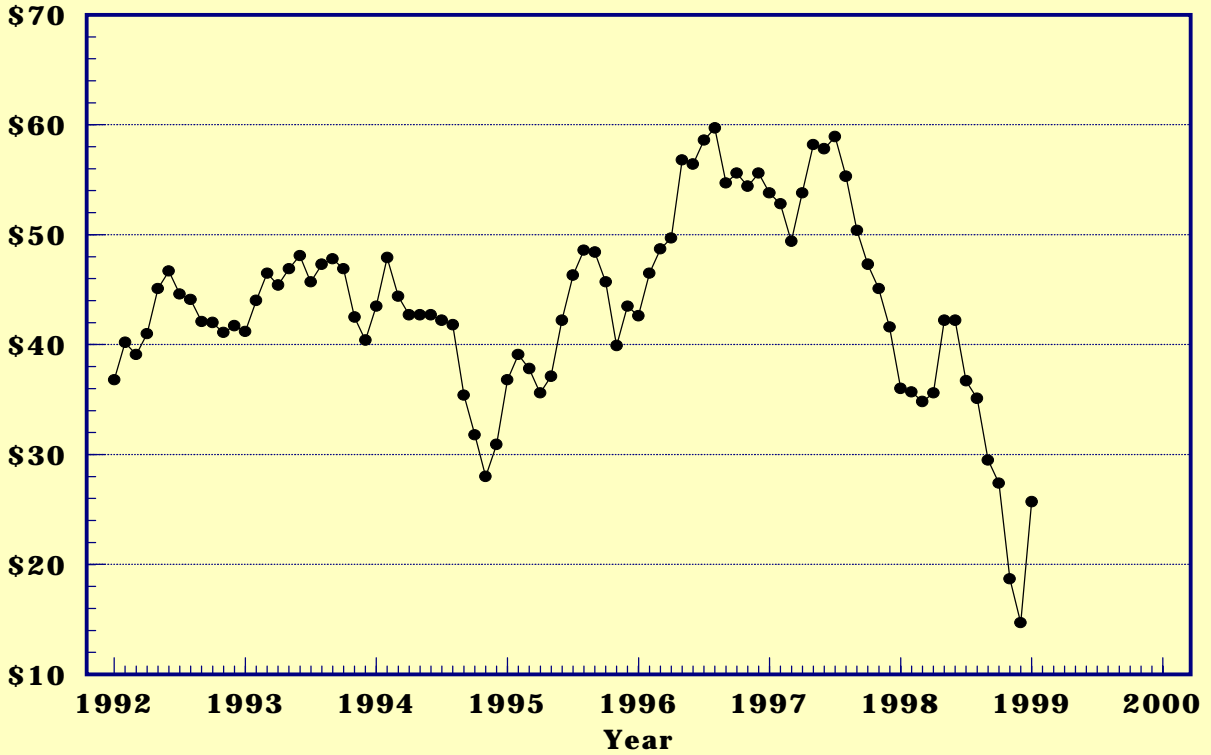
## Prices Received, Milk, US

Dollars per Cwt



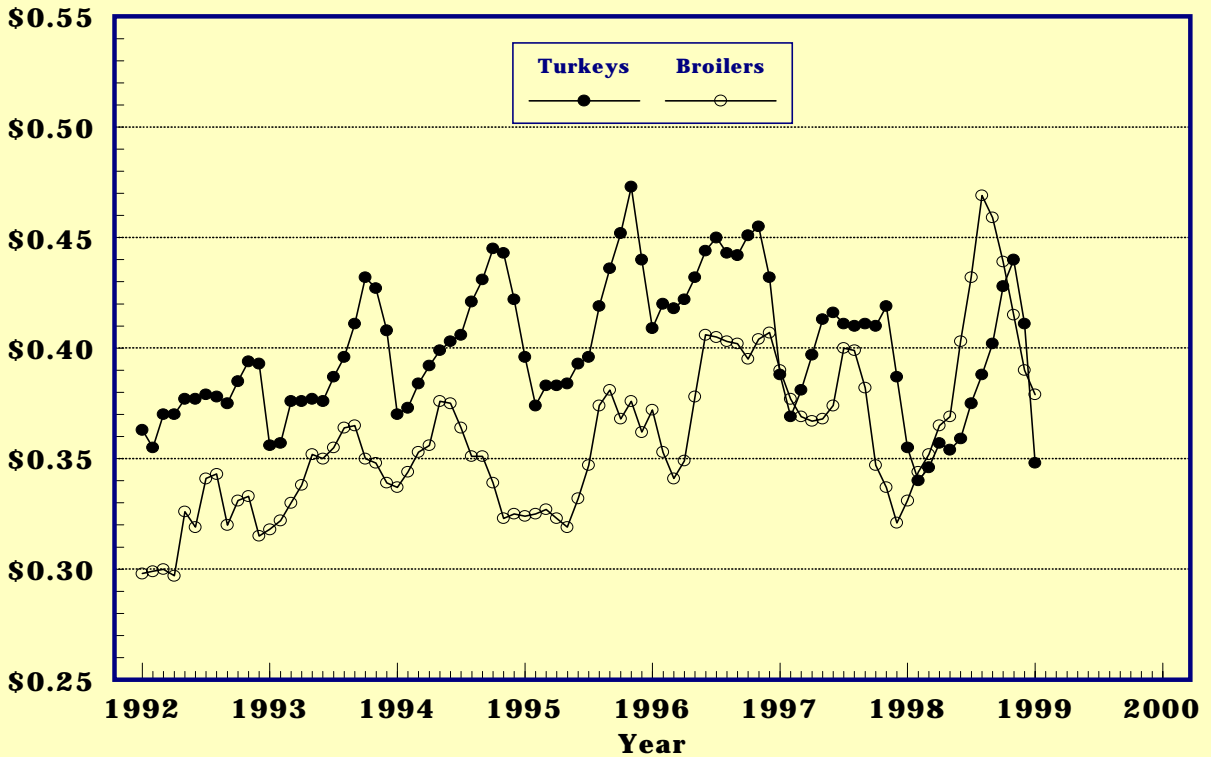
## Prices Received, Hogs, US

Dollars per Cwt



## Prices Received, Turkeys & Broilers, US

Dollars per Lb



Wheat: Prices Received, by States, December 1998 and January 1999

State	All Wheat		Winter Wheat		Durum Wheat		Oth Spring Wheat	
	Dec 1/	Jan 2/	Dec 1/	Jan 2/	Dec 1/	Jan 2/	Dec 1/	Jan 2/
	Dollars per Bushel							
AR	2.40	2.55	2.40	2.55				
CA	3/	3/	3/	3/	4/	4/		
CO	2.69	2.71	2.69	2.70			2.84	2.96
ID	2.53	2.56	2.47	2.50			2.61	2.65
IL	2.31	2.40	2.31	2.40				
IN	2.45	2.31	2.45	2.31				
KS	2.66	2.70	2.66	2.70				
MI	2.41	2.35	2.41	2.35				
MN	3.30	3.30	4/	4/	4/	4/	3.30	3.30
MO	2.30	2.35	2.30	2.35				
MT	3.51	3.40	3.18	3.10	4.36	4.00	3.62	3.50
NE	2.72	2.76	2.72	2.76				
ND	3.16	3.08	3.03	2.50	3.04	2.90	3.20	3.15
OH	2.30	2.35	2.30	2.35				
OK	2.69	2.73	2.69	2.73				
OR	2.80	2.82	2.79	2.80			2.89	2.97
SD	2.97	2.96	2.60	2.70	4/	3.00	3.29	3.19
TX	2.71	2.73	2.71	2.73				
WA	2.78	2.85	2.75	2.84			2.97	2.96
US	2.87	2.86	2.67	2.71	3.14	3.02	3.26	3.20

- 1/ Entire month.
- 2/ Mid-month.
- 3/ Price not published to avoid disclosure of individual buyers.
- 4/ Insufficient sales to establish a price.

Prices Received for Selected Agricultural Commodities, by Months, United States, 1998 and 1999

Month	All Wheat		Corn		Soybeans		Beef Cattle 1/		All Hogs	
	1998	1999 2/	1998	1999 2/	1998	1999 2/	1998	1999 2/	1998	1999 2/
	Dollars per Bushel						Dollars per Cwt			
Jan	3.32	2.86	2.56	2.01	6.69	5.22	62.50	59.00	36.00	25.70
Feb	3.27		2.55		6.57		60.40		35.70	
Mar	3.33		2.55		6.40		61.30		34.80	
Apr	3.18		2.41		6.26		63.00		35.60	
May	3.06		2.34		6.26		63.00		42.20	
Jun	2.77		2.28		6.16		61.80		42.20	
Jul	2.56		2.19		6.14		58.40		36.70	
Aug	2.39		1.89		5.43		57.40		35.10	
Sep	2.41		1.83		5.25		56.10		29.50	
Oct	2.79		1.91		5.18		58.00		27.40	
Nov	2.97		1.93		5.40		58.10		18.70	
Dec	2.87		2.01		5.37		56.80		14.70	

- 1/ Cows, steers and heifers.
- 2/ Current month prices are mid-month; prices for previous months are for the entire month.

Grains: Prices Received, by States, December 1998 and January 1999

State	Barley 1/		Corn		Oats		Soybeans		Sorghum Grain	
	Dec 2/	Jan 3/	Dec 2/	Jan 3/	Dec 2/	Jan 3/	Dec 2/	Jan 3/	Dec 2/	Jan 3/
	----- Dollars per Bushel -----						----- Dollars per Cwt -----			
AL										
AR							5.60	5.39	3.68	3.70
CA	4/	4/								
CO	2.16	2.15	2.12	1.99						
GA			2.56	2.60			5.29	5.07		
ID	2.40	2.33								
IL			2.13	2.10	1.55	1.60	5.57	5.35	3.49	3.55
IN			2.23	2.12			5.51	5.24		
IA			1.94	1.91	1.37	1.35	5.27	5.20		
KS			2.06	1.95			5.19	5.00	2.88	2.90
KY			2.22	2.25			5.52	5.30		
LA							5.51	5.35		
MI			1.89	1.90	1.52	1.50	5.21	5.10		
MN	1.75	1.69	1.74	1.75	1.25	1.15	5.09	5.00		
MS							5.73	5.35		
MO			1.95	2.00			5.29	5.15	3.19	3.00
MT	2.43	2.40			1.14	5/				
NE			1.92	1.90	1.31	1.25	5.18	5.10	2.96	2.90
NC			2.34	2.30			5.27	5.15		
ND	1.70	1.63			.92	.90				
OH			2.07	2.10	1.20	1.25	5.51	5.25		
OK									3.19	3.09
OR	1.95	1.85			1.32	1.40				
PA			2.50	2.40	1.40	1.40				
SD	1.87	1.65	1.62	1.61	1.03	.98	4.99	4.82		
TN			2.28	2.30			5.66	5.40		
TX			2.24	2.20					3.53	3.45
UT	1.83	1.89								
WA	1.68	1.76								
WI			1.93	1.90	1.13	1.10	5.41	5.25		
WY	2.77	2.58								
US	2.00	1.99	2.01	2.01	1.17	1.14	5.37	5.22	2.98	3.01

1/ The Three-State (MN, ND and SD) Feed Barley price for January 1999 is \$1.29. 2/ Entire month. 3/ Mid-month. 4/ Price not published to avoid disclosure of individual operations. 5/ Insufficient sales to establish a price.

Malting and Feed Barley: Prices Received Selected States, December and January 1999

State	Malting Barley		Feed Barley	
	Dec	Jan	Dec	Jan
	----- Dollars per Bushel -----			
ID	2.68	2.60	1.72	1.70
MN	2.19	2.10	1.28	1.25
MT	2.82	2.80	1.49	1.45
ND	1.90	1.80	1.34	1.30
SD	1/	1.75	1.35	1.29
WY	2.78	2.80	1.68	1.68

1/ Price not published to avoid disclosure of individual operations.

Field Crops: Prices Received, by States, December 1998 and January 1999

State	Dry Edible Beans		Sunflower		Flaxseed		Tobacco		Peanuts 4/5/	
	Dec 1/	Jan 2/	Dec 1/	Jan 2/	Dec 1/	Jan 2/	Dec 1/	Jan 3/	Dec 1/	Jan 3/
	Dollars per Cwt				Dollars per Bu		Dollars per Pound			
AL									.218	.222
CA	37.80	39.40								
CO	16.40	15.40								
FL									.234	7/
GA									.174	.141
ID	17.90	17.40								
IN							1.910	1.920		
KS			7/	7/						
KY							1.910	1.910		
MD										
MI	24.00	23.00								
MN	20.30	20.50	11.40	10.90						
MO							1.915	1.905		
NE	18.00	17.30								
NC							1.905	7/	.264	.171
ND	16.20	15.70	11.20	11.00	5.01	5.05				
OH							1.910	1.925		
OK										
SC										
SD			9.70	9.48	7/	4.90				
TN							1.910	1.880	.244	.300
TX									.277	.254
VA							1.900	1.860		
WV										
US	20.50	19.50	10.80	10.50	5.01	5.03	1.910	1.900	.240	.279

- 1/ Entire month.
- 2/ Mid-month.
- 3/ Based on sales through first half of month.
- 4/ In-shell.
- 5/ Includes additional loan peanuts at loan value.
- 6/ Sales volume insufficient to establish a state price, but all sales included in U.S. price.
- 7/ Price not published to avoid disclosure of individual buyers.

Tobacco: Prices Received, by Area and Type, January 1999, with Comparisons

Class by Type	Type	Jan 1998	Dec 1998	Jan 1999 1/
Dollars per Pound				
Fire-cured				
VA Belt	21	2.140	1.955	1.840
Eastern District	22	2.410	2/	2/
Western District	23	2.340	2/	2/
Total Fire-cured	21-23	2.380	1.955	1.840
Light Air-Cured				
Burley	31	1.880	1.910	1.905
Total Light Air-Cured	31-32	1.880	1.910	1.905
Dark Air-cured				
One Sucker Belt	35	1.960	1.880	1.765
Green River Belt	36	2.010	2.000	1.930
Sun-cured Belt	37	1.960	1.725	1.670
Total Dark Air-cured	35-37	1.980	1.915	1.820
US	11-37	1.920	1.910	1.900

- 1/ Based on sales during the first half of the month.
- 2/ Sales of Types 22 & 23 began Jan 19, 1999.



Field Crops and Apples: Prices Received, by States,  
December 1998 and January 1999

State	Cotton, Upland		January				Apples Fresh Use 1/4/
	Dec 1/	Jan 2/	Cotton- seed 5/	Hay, Baled 3/ All	Alfalfa	Other	
	Dollars per Pound		Dollars per Ton			Dol/Lb	
AL	.584	.530	109.00				
AZ	.668	.620	148.00	80.00	80.00	70.00	
AR	.625	.684					
CA	.739	.713	180.00	79.00	79.00	77.00	.183
CO				102.00	102.00	110.00	
GA	.655	.622	107.00				
ID				80.00	81.00	67.00	
IL				86.00	91.00	68.00	
IA				86.00	87.00	61.00	
KS				71.00	72.00	64.00	
KY				82.00	110.00	72.00	
LA	.564	.538					
MI				85.00	90.00	65.00	.140
MN				64.00	68.00	47.00	
MS	.605	.615					
MO				66.00	100.00	59.00	
MT				69.00	70.00	58.00	
NE				47.00	47.00	43.00	
NV				99.00	100.00	85.00	
NM				119.00	122.00	96.00	
NY				101.00	106.00	93.00	.148
NC	.674	.647					
ND				46.00	57.00	37.00	
OH				106.00	120.00	75.00	.260
OK				89.00	109.00	60.00	
OR				95.00	100.00	80.00	
PA				117.00	131.00	105.00	.230
SD				53.00	60.00	35.00	
TN	.592	.586					
TX	.528	.522	134.00	72.00	152.00	68.00	
UT				74.00	75.00	50.00	
VA							.190
WA				103.00	88.00	134.00	.153
WI				70.00	75.00	50.00	
WY				73.00	74.00	67.00	
US	.607	.591	139.00	78.80	81.40	71.00	.159

1/ Entire month. 2/ Based on sales during the first half of the month.  
3/ Mid-month. 4/ Equivalent packinghouse-door returns for CA, NY, and WA.  
Price at point of first sale for other states. 5/ Marketing year  
August-February.

Upland Cotton and Rice: Prices Received and Marketings,  
United States, January 1999, with Comparisons

Item	Unit	Nov 1998 1/	Dec 1998 1/	Jan 1999 2/
Cotton, Upland				
Average Price	Dollars/Pound	.651	.607	.591
Marketings 3/	1,000 Bales	1643	1611	NA
Rice				
Average Price	Dollars/Cwt	8.98	9.06	9.12
Marketings 4/	1,000 Cwt	11882	13728	NA

1/ Entire month. 2/ Based on purchases for the first half of the month.  
3/ Expanded data from sample of about 60 percent of buyers. 4/ Purchases  
by private firms and rice (rough equivalent) shipped by cooperatives.

Citrus Fruit: Prices and Equivalent Returns, by Utilization,  
by State and United States, January 1999

Commodity And State	Equivalent Returns						
	F.O.B.	Packinghouse-door			On-tree		
	Packed Fresh	All	Fresh	Process	All	Fresh	Process
Dollars per Box 1/							
Grapefruit							
AZ	11.60	4.56	6.16	-0.26	2.62	4.22	-2.20
CA	13.50	5.09	8.06	-0.26	3.15	6.12	-2.20
FL	13.00	3.66	5.07	2.06	1.47	3.20	-0.48
White Seedless	15.30	3.88	6.70	2.00	1.63	4.75	-0.45
Colored Seedless	12.30	3.61	4.60	2.10	1.45	2.75	-0.55
Other		2.00		2.00	0.20		0.20
TX	15.40	5.64	6.70	1.50	4.50	5.55	0.40
CA-AZ	12.60	4.84	7.11	-0.26	2.90	5.17	-2.20
US	13.30	3.87	5.32	2.03	1.80	3.56	-0.44
Lemons							
AZ	26.00	14.06	17.56	2.08	10.42	13.92	-1.56
CA	27.40	11.15	18.96	2.08	7.51	15.32	-1.56
US	26.80	12.21	18.32	2.08	8.57	14.68	-1.56
Limes							
FL	35.00	24.50	24.50		19.50	19.50	
Oranges							
AZ							
Navel and Misc	35.40	22.11	29.38	0.66	20.13	27.40	-1.32
CA							
Navel and Misc	28.80	14.80	22.78	0.66	12.82	20.80	-1.32
FL							
Early and Mids	19.40	6.73	12.30	6.60	4.98	10.40	4.85
TX							
Early and Mids	18.30	8.46	9.50	2.87	7.17	8.20	1.62
CA-AZ							
Navel and Misc	29.50	15.47	23.48	0.66	13.49	21.50	-1.32
US	22.00	6.90	14.90	6.56	5.15	13.09	4.80
Tangelos							
FL	22.00	7.93	14.50	6.00	5.37	12.10	3.40
Tangerines							
AZ	33.30	26.56	27.40	0.66	24.48	25.32	-1.42
CA	27.00	18.13	21.10	0.66	16.05	19.02	-1.42
FL	32.30	18.59	23.70	7.15	15.27	20.50	3.55
US	31.80	20.11	24.25	6.45	17.19	21.49	3.02
Temples							
FL	20.00	9.82	12.90	5.50	7.83	11.00	3.40

1/ Net lbs. per box: Grapefruit-AZ & CA-67, FL-85, TX-80; Lemons-76; Limes-88;  
Oranges-AZ & CA-75, FL-90, TX-85; Tangelos-90; Tangerines-AZ & CA-75,  
FL-95; Temples-90.

Potatoes: Prices Received, by States,  
December 1998 and January 1999

State	Dec	Jan	State	Dec	Jan
: Dollars per Cwt			: Dollars per Cwt		
AL			NC		
AZ			ND - All 1/	5.70	5.75
CA - All	10.90	10.60	- Fresh 2/	5.20	NA
- Winter	20.30	21.20	- Processing	5.60	NA
- Spring			OH	6.95	7.70
- Summer			OR	5.00	5.65
- Fall	7.30	7.05	PA	6.95	7.40
CO - All 1/	3.55	3.85	TX		
- Fresh 2/	3.51	NA	VA		
FL			WA - All	5.35	5.15
ID - All 1/	4.00	4.05	- Processing	4.85	NA
- Fresh 2/	3.30	NA	WI - All 1/	4.90	5.55
- Processing	4.40	NA	- Fresh 2/	4.50	NA
ME	5.90	5.90	- Processing	5.00	NA
MI	6.55	6.65			
MN	5.65	5.55	US - All 1/	5.20	5.24
NY	8.95	8.65	- Fresh 2/	5.50	NA
	8.95	8.65	- Processing	4.97	NA

- 1/ Average price of potatoes sold for all uses, including table stock, processing, seed and livestock feed.  
2/ Fresh market prices only, includes table stock prices.

Cattle: Prices Received, by States, December 1998 and January 1999

State	Cows 1/		Steers & Heifers:		Beef Cattle 4/		Calves	
	Dec 2/	Jan 3/	Dec 2/	Jan 3/	Dec 2/	Jan 3/	Dec 2/	Jan 3/
	Dollars per Cwt							
AZ	30.50	35.40	59.50	60.50	58.90	60.20	72.50	72.50
AR	25.90	29.90	61.20	61.20	49.90	48.10	72.80	74.30
CA	30.30	33.00	60.00	61.00	44.50	45.30	73.30	75.50
CO	30.60	34.00	60.80	62.50	58.40	60.20	82.70	88.00
FL	30.30	34.90	60.60	62.00	37.60	38.20	75.00	74.70
GA	30.20	31.40	57.00	59.60	38.80	41.30	72.30	73.40
ID	29.60	32.30	60.90	62.30	52.10	54.20	75.00	78.00
IL	28.70	28.70	58.00	60.00	57.40	59.40	95.00	97.00
IA	32.40	35.00	60.60	63.70	57.80	60.80	70.50	73.30
KS	28.70	32.50	60.10	62.00	59.20	60.80	81.00	86.00
KY	30.00	33.00	61.00	63.00	53.60	55.80	68.00	71.00
LA	30.10	33.00	62.30	67.00	40.40	43.20	75.20	79.00
MI	31.00	33.00	54.00	55.00	44.80	46.20	50.00	48.00
MN	32.40	34.50	57.90	59.50	54.60	56.30	68.70	70.50
MO	29.80	32.50	64.10	69.00	53.80	58.10	74.50	79.00
MT	30.60	34.40	71.40	73.50	57.50	63.30	77.70	81.80
NE	29.60	31.00	60.60	63.80	59.50	62.80	84.40	92.10
NM	32.40	35.60	66.90	70.80	51.40	55.70	76.80	83.00
ND	32.10	33.70	65.60	67.30	53.90	60.90	73.40	77.50
OH	31.90	34.00	61.50	63.00	58.50	60.10	61.40	64.00
OK	29.60	32.00	69.30	70.80	58.90	60.70	82.20	82.50
OR	30.90	32.00	61.70	63.70	52.50	54.20	70.00	72.00
PA	32.20	33.70	58.10	58.80	51.40	52.30	83.00	83.50
SD	30.30	31.30	69.90	75.50	59.60	64.00	80.10	87.60
TN	28.30	33.00	60.50	67.00	47.60	53.40	69.30	76.00
TX	29.10	31.70	61.70	62.40	58.80	59.60	81.10	81.90
VA	27.90	29.90	57.90	59.30	51.90	53.40	66.20	71.10
WI	31.80	34.90	54.50	56.90	41.30	44.10	99.50	98.30
WY	33.10	34.00	71.00	73.00	55.80	65.20	79.70	83.00
US	30.80	33.10	60.30	62.40	56.80	59.00	80.20	81.90

- 1/ Beef cows and cull dairy cows sold for slaughter.
- 2/ Entire month.
- 3/ Mid-month.
- 4/ "Cows" and "steers and heifers" combined.

Hogs: Prices Received, by States, December 1998 and January 1999

State	Sows		Barrows and Gilts		All Hogs	
	Dec 1/	Jan 2/	Dec 1/	Jan 2/	Dec 1/	Jan 2/
	Dollars per Cwt					
GA	13.10	20.40	15.80	27.90	15.50	27.20
IL	9.70	18.30	12.60	23.40	12.40	23.00
IN	11.40	20.20	13.00	24.00	12.90	23.60
IA	14.60	23.30	15.00	25.00	15.00	25.00
KS	11.00	20.80	13.10	29.50	12.80	28.50
KY	13.00	18.00	18.00	29.00	17.80	28.60
MI	11.50	18.00	17.00	26.00	16.40	25.40
MN	11.60	20.00	15.30	23.50	15.20	23.40
MO	9.90	16.50	10.50	20.00	10.50	19.80
NE	12.80	22.00	18.90	31.90	18.80	31.70
NC	13.70	23.50	14.60	30.40	14.60	30.30
OH	11.60	15.00	17.00	23.00	16.90	22.80
PA	12.40	13.00	17.10	21.80	16.40	20.50
SC	14.50	24.10	13.40	25.90	13.50	25.80
SD	10.50	21.50	19.40	28.00	18.40	27.30
TN	14.60	20.50	15.00	26.50	15.00	25.90
TX	17.40	17.00	25.00	25.80	23.60	24.10
VA	11.70	16.00	14.50	24.70	14.40	24.50
WI	7.70	14.40	12.30	25.70	11.70	24.20
US	12.10	19.00	14.80	26.10	14.70	25.70

1/ Entire month

2/ Mid-month.

Sheep and Poultry: Prices Received, by States,  
December 1998 and January 1999

State	December		January		
	Sheep 1/	Lambs 1/	Turkeys 2/3/	Broilers 1/4/	Eggs 2/5/
	---- Dollars per Cwt ----		Dollars per Pound		Dol/Doz
AL				.380	.490
AZ					
AR			.34	.380	.550
CA	28.50	65.00	.42	.405	.650
CO	31.40	63.50			
CT					.680
DE				.375	
FL					.490
GA				.380	.499
ID	29.40	60.80			
IN			.36		.630
IA	37.10	58.40	.37		.531
KS	29.00	64.00			
ME					.750
MD				.375	
MI					.580
MN	27.10	61.80	.33		.550
MS				.370	.650
MO			.36		.535
MT	32.70	71.60			
NE	27.50	61.30			
NM					
NY					.698
NC			.33	.375	.514
OH	31.90	65.30			.580
OR	29.00	62.50			
PA			.35	.380	.590
SC					.493
SD	25.70	68.90			
TX	41.80	67.00		.400	.550
UT	25.00	65.00			
VA			.33	.360	
WA					.725
WY	29.70	66.10			
US	30.30	64.50	.348	.379	.582

1/ Entire month.

2/ Mid-month.

3/ IN, IA, MN and PA are actual liveweight prices. All other State prices are equivalent liveweight returns to producers (see footnote 4 for formula).

4/ Liveweight equivalent price. Derived from ready-to-cook (RTC) prices using the following formula: (RTC price minus processing cost) \* (dressing percentage) = liveweight equivalent price.

5/ Market (table) eggs.

Milk and Milk Cows: Prices Received, by States, December 1998 and January 1999

State	December				January				
	Fluid Grade Milk 1/ Price	Grade Milk Fat Test	Manufacturing Grade Milk Price	Grade Milk Fat Test	All Milk 2/ Price	Fat Test	All Milk 2/3/ Price	Fat Test	Milk Cows 4/ Dol/Head
AL	19.00	3.71			19.00	3.71	19.50	3.66	1250
AZ	15.60	3.70			15.60	3.70	16.00	3.70	1340
AR	18.40	3.70			18.40	3.70	19.10	3.70	1150
CA	17.00	3.78	16.50	4.24	17.00	3.78	16.40	3.79	1340
CO	18.00	3.83			18.00	3.83	18.90	3.77	1300
FL	21.30	3.60			21.30	3.60	21.90	3.60	1270
GA	19.10	3.70			19.10	3.70	19.60	3.65	1330
ID	17.80	3.72	18.60	3.92	17.80	3.73	17.40	3.66	1270
IL	17.70	3.83	18.50	3.75	17.70	3.83	18.20	3.87	1290
IN	17.70	3.83	15.40	3.98	17.60	3.84	18.30	3.83	1200
IA	17.30	3.84	16.60	3.92	17.30	3.85	17.30	3.83	1300
KS	17.00	3.77	17.20	3.94	17.00	3.78	17.20	3.80	1190
KY	18.20	3.76	15.80	4.05	18.20	3.76	18.80	3.72	1140
LA	18.80	3.53			18.80	3.53	19.50	3.50	1140
MD	17.90	3.80			17.90	3.80	18.70	3.80	1260
MI	17.70	3.82	17.30	3.85	17.70	3.82	18.70	3.79	1300
MN	19.10	3.80	17.70	3.88	18.99	3.81	15.30	3.77	1190
MS	18.80	3.67			18.80	3.67	19.60	3.64	1080
MO	18.30	3.77	16.80	3.94	18.30	3.78	18.20	3.76	1120
NE	16.60	3.81	16.00	3.85	16.60	3.81	17.20	3.78	1260
NM	17.40	3.67			17.40	3.67	17.30	3.67	1260
NY	18.00	3.74			18.00	3.74	18.60	3.73	1150
NC	19.70	3.79	17.40	4.10	19.70	3.79	20.00	3.78	1200
ND	17.70	3.77	15.50	3.84	16.90	3.80	16.20	3.77	1140
OH	18.30	3.87	15.80	3.93	18.20	3.87	18.60	3.82	1200
OK	18.60	3.71			18.60	3.71	19.30	3.70	1170
OR	17.30	3.77	16.80	4.20	17.30	3.77	17.40	3.75	1290
PA	18.30	3.78	17.60	3.86	18.30	3.78	19.20	3.76	1320
TN	18.70	3.77	16.10	3.95	18.70	3.77	19.50	3.78	1150
TX	18.20	3.71			18.20	3.71	18.10	3.70	1280
UT	17.40	3.78	17.20	3.82	17.40	3.78	17.60	3.73	1160
VT	18.10	3.81			18.10	3.81	18.10	3.79	1270
VA	18.90	3.74	13.90	3.73	18.80	3.74	19.50	3.70	1180
WA	17.30	3.77			17.30	3.77	17.20	3.75	1270
WI	19.04	3.86	18.36	3.98	19.00	3.87	17.40	3.86	1260
US	18.00	3.78	17.40	3.94	18.00	3.78	17.70	3.77	1250

- 1/ Including milk diverted to manufacturing.
- 2/ Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.
- 3/ Preliminary.
- 4/ Animals sold for dairy herd replacement only. Prices published Jan, Apr, Jul and Oct.

Parity Price Equivalent for Manufacturing Milk 1/: United States, December 1998 and January 1999, with Comparisons

Item	Jan 1998	Dec 1998	Jan 1999
Parity Equivalent.....Dol per Cwt	26.63	26.45	27.33
Average Price F.O.B.....Dol per Cwt	13.50	17.40	2/16.10
Average Fat Test of Milk..Percent	3.88	3.94	2/3.90

- 1/ The parity price equivalent during 1999 is 91.1 percent of the parity price of all milk sold to plants, compared with 90.9 percent in 1998. For additional details, see "Parity Price Equivalent for Manufacturing Grade Milk" in this issue.
- 2/ Preliminary.

United States Parity Prices for Farm Products and Average Prices Received as Percent of Parity Prices Based on Data for January 1999, with Comparisons 1/

Commodity and Unit	: Adjusted : : Base : : Prices :	Parity Prices Based on Data for			: Prices as Percent : of Parity			
		: 1998 :	: 1998 :	: 1999 :	: Jan : : 1998 :	: Dec : : 1998 :	: Jan : : 1999 :	
		----- Dollars -----			---- Percents ----			
Basic Commodities	:							
All Wheat, Bu	:	.626	9.64	9.57	9.53	34	30	30
Rice, Cwt	:	1.78	26.80	26.70	27.10	36	34	34
Corn, Bu	:	.428	6.54	6.50	6.52	39	31	31
Cotton, Lb	:							
American Upland	:	.113	1.71	1.70	1.72	36	36	34
Extra Long Staple	:	.145	2.24	2.23	2.21			
Peanuts, Lb	:	.0425	.644	.639	.647	45	38	43
Tobacco, By Type, Lb	:							
Flue-Cured 11-14	:	.252	3.80	3.77	3.84			
VA Fire-Cured, 21	:	.249	3.71	3.68	3.79	58	53	49
KY-TN Fire-Cured, 22-23	:	.313	4.74	4.71	4.77	50		
Burley, 31	:	.266	4.00	3.97	4.05	47	48	47
Maryland, 32	:	.231	3.31	3.29	3.52			
Dark Air-Cured, 35-36	:	.266	3.98	3.95	4.05			
Sun-Cured, 37	:	.226	3.32	3.30	3.44	59	52	49
PA Seedleaf, 41	:	.193	2.84	2.82	2.94			
Cigar Filler & Binder, 42-44, 54-55	:	.217	3.25	3.23	3.30			
Puerto Rican Filler, 46	:	.173	2.64	2.62	2.63			
Cigar Binder, 51-52	:	.552	7.46	7.41	8.41			
Designated Nonbasic	:							
All Milk, Sold to Plants, Per Cwt	:	1.97	29.30	29.10	30.00	2/49	2/61	2/58
Honey, Extracted, Lb	:	3/.0878	1.31	1.30	1.34			
Wool and Mohair	:							
Wool, Lb	:	.125	4.12	4.09	1.90			
Mohair, Lb	:	.231	11.00	10.90	3.52			
Other Nonbasic	:							
Barley, Bu	:	.383	5.89	5.85	5.83	41	34	34
Cottonseed, Ton	:	15.90	239.00	238.00	242.00	51	58	57
Dry Edible Beans, Cwt	:	3.26	50.20	49.80	49.60	42	41	39
Flaxseed, Bu	:	.780	11.90	11.80	11.90	49	42	42
Oats, Bu	:	.224	3.61	3.59	3.41	44	33	33
Potatoes, Cwt	:	.860	12.80	12.70	13.10	43	41	40
Rye, Bu	:	.326	4.96	4.92	4.96			
Sorghum Grain, Cwt	:	.674	10.30	10.20	10.30	39	29	29
Soybeans, Bu	:	.905	14.10	14.00	13.80	47	38	38
Sweetpotatoes, Cwt	:	2.04	24.60	24.40	31.10			
Apples, Fresh, Lb 5/ Citrus (equiv on-tree), box:	:	.0290	.435	.432	.442	50	35	36
Grapefruit	:	.524	10.70	10.70	7.98	9	25	23
Lemons	:	1.20	17.50	17.40	18.30	10	43	47
Limes (FL)	:	1.17	18.50	18.30	17.80	68	27	110
Oranges	:	.747	13.70	13.60	11.40	23	35	45
Tangerines	:	1.79	29.00	28.80	27.30	35	39	63
Temples (FL)	:	.635	11.50	11.40	9.67	26		81
Beef Cattle, Cwt	:	9.80	151.00	150.00	149.00	41	38	40
Calves, Cwt	:	12.50	192.00	191.00	190.00	45	42	43
Hogs, Cwt	:	6.58	102.00	102.00	100.00	35	14	26
Lambs, Cwt	:	10.10	154.00	153.00	154.00	51	42	
Sheep, Cwt	:	4.21	62.80	62.40	64.10	67	49	
Eggs, Doz	:	.0964	1.44	1.43	1.47	2/48	2/49	2/46
Turkeys, Live, Lb	:	.0576	.877	.871	.877	40	47	40

--continued



Parity Prices Based on Data for January 1999, United States 1/ (continued)

Other Nonbasic Commodities	Adj Base Prices	Parity Prices	Other Nonbasic Commodities	Adj Base Prices	Parity Prices
	Dollars			Dollars	
Field Crops and Misc Commodities			Noncitrus Fruit		
Hops, Lb	.239	3.64	Peaches, cont.		
Spearmint Oil, Lb	1.85	28.20	Processing 6/		
Tobacco, Lb			Excl Dried		
Type 61	2.78	42.30	Clingstone,		
			CA, Ton	31.60	481.00
Noncitrus Fruit			Pears, Ton		
Apples, Ton 7/			Fresh 5/	51.70	787.00
Processing	19.80	302.00	Dried, CA 7/	148.00	2250.00
Apricots, Ton			Plums, CA, Ton		
Fresh 8/	122.00	1860.00	Fresh, Equiv		
Dried, CA	293.00	4460.00	on-Tree	53.70	818.00
Avocados, Ton 8/	192.00	2920.00	Prunes, Dried,		
Cherries			CA, Ton 7/	135.00	2060.00
Sweet, Ton	157.00	2390.00	Prunes and Plums,		
Tart, Lb	.0265	.404	Excl CA, Ton		
Cranberry, Bbl 6/	7.55	115.00	Fresh 10/	55.30	842.00
Dates, CA, Ton 8/	139.00	2120.00	Processing 7/		
Grapes, Ton			Excl Dried	22.40	341.00
Raisin Variety	142.00	2160.00	Tree Nuts 11/		
Other Dried	58.40	889.00	Almonds, Lb	.227	3.46
Kiwifruit, Ton	72.60	1110.00	Hazelnuts, Ton	117.00	1780.00
Nectarines			Pistachio, Lb	.164	2.50
Fresh, Calif,			Walnuts, Ton	179.00	2730.00
Ton 8/	63.00	959.00			
Olives, CA			Vegetables, Cwt 12/:		
Canning, Ton 6/	93.20	1420.00	Fresh		
Papayas (HA) Lb	.0479	.730	Carrots 9/	1.78	27.10
Peaches			Cauliflower 9/	4.31	65.60
Fresh, Lb 5/	.0384	.585	Celery 9/	1.85	28.20
Dried, CA,			Honeydew Melons	2.52	38.40
Ton	119.00	1810.00	Lettuce	2.15	32.70
			Onions 9/	1.70	25.90
			Tomatoes	4.47	68.10

- 1/ 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 January "Agricultural Prices" for details on adjusted base price and parity price computations.
- 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/ Average local market price, excluding incentive payments.
- 5/ Equivalent packinghouse-door returns for CA, NY (apples only), OR (except peaches), and WA. Price at point of first sale for other states.
- 6/ Equivalent returns for bulk fruit at first delivery point.
- 7/ Equivalent returns at processing plant door.
- 8/ Equivalent returns at packinghouse door.
- 9/ Includes some processing.
- 10/ Based on "as sold" prices for fresh fruit in all states.
- 11/ Prices in-shell basis except almonds which are shelled basis.
- 12/ F.O.B. shipping point prices.

Rice: Marketing Year Average Prices Received,  
by States and United States, 1996 and 1997

State	1996	1997
Dollars per Cwt		
All		
AR	10.20	9.87
CA	7.91	7.95
LA	10.60	10.20
MS	10.50	10.40
MO	10.30	10.00
TX	10.80	10.90
US 1/	9.96	9.70
Length of Grain		
US:		
Long	10.60	10.20
Medium & Short	8.37	8.52

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

Prices Received: All Rice, United States by Month,  
for Marketing Years, 1995-96 through 1997-98 1/

Year	Aug	Sep	Oct	Nov	Dec	Jan 2/
Dollars per Cwt						
1997-98:	9.94	9.92	10.00	9.82	9.77	9.57
1996-97:	10.10	10.00	9.66	9.41	9.82	9.95
1995-96:	7.77	8.01	8.84	9.21	9.45	9.36
Dollars per Cwt						
	Feb	Mar	Apr	May	Jun	Jul
1997-98:	9.75	9.67	9.40	9.38	9.58	9.58
1996-97:	10.10	10.20	10.30	10.20	9.90	10.00
1995-96:	9.19	9.20	9.35	9.73	9.77	9.81

1/ August - July for US.

2/ Second year.

Apples for Fresh Use: Monthly Prices Received,  
United States, July 1991 - December 1998

---

Year :	Jul :	Aug :	Sep :	Oct :	Nov :	Dec :	Jan 1/:	Feb :	Mar :	Apr :	May :	Jun :
:	Dollars per Pound											
:												
1991 :	.246	.232	.264	.238	.251	.257	.246	.248	.243	.241	.250	.252
1992 :	.286	.333	.271	.212	.194	.199	.183	.167	.145	.143	.149	.161
1993 :	.178	.244	.241	.211	.193	.186	.187	.178	.166	.155	.143	.135
1994 :	.194	.289	.207	.191	.164	.192	.195	.183	.182	.166	.154	.156
1995 :	.179	.244	.262	.253	.238	.244	.254	.242	.251	.226	.219	.219
1996 :	.233	.252	.305	.247	.232	.227	.225	.203	.176	.156	.143	.137
1997 :	.146	.173	.259	.253	.229	.233	.219	.208	.205	.194	.178	.163
1998 :	.163	.189	.213	.210	.179	.152						

---

1/ January of the following year.

Pears for Fresh Use: Monthly Prices Received,  
United States, July 1991 - December 1998

---

Year :	Jul :	Aug :	Sep :	Oct :	Nov :	Dec :	Jan 1/:	Feb :	Mar :	Apr :	May :	Jun :
:	Dollars per Ton											
:												
1991 :	300	342	358	399	428	414	377	383	381	394	459	2/
1992 :	300	273	364	390	433	391	370	417	412	429	505	538
1993 :	390	344	366	350	330	281	235	220	202	182	172	175
1994 :	148	170	278	248	271	253	222	288	346	374	354	340
1995 :	358	332	374	354	351	324	297	301	316	313	367	584
1996 :	450	383	471	505	597	561	557	519	461	454	503	568
1997 :	325	351	368	361	352	305	269	272	272	332	385	425
1998 :	405	457	420	479	398	354						

---

1/ January of the following year.

2/ Insufficient sales to establish a price.

Peaches for Fresh Use: Monthly Prices Received,  
United States, May 1991 - September 1998 1/

---

Year :	May :	Jun :	Jul :	Aug :	Sep :
:	Dollars per Pound				
:					
1991 :	.289	.236	.162	.162	.228
1992 :	.220	.213	.148	.222	.220
1993 :	.288	.220	.191	.190	.226
1994 :	.193	.138	.177	.176	.239
1995 :	.345	.205	.184	.266	.324
1996 :	.347	.272	.306	.316	.363
1997 :	.255	.193	.146	.238	.353
1998 :	.325	.254	.276	.270	.284

---

1/ Equivalent packinghouse-door returns for CA and WA; price at point of first sale for other states.

Grapes for Fresh Use: Monthly Prices Received,  
United States, May 1995 - December 1998

---

Year :	May :	Jun :	Jul :	Aug :	Sep :	Oct :	Nov :	Dec
: Dollars per Ton								
:								
1995 :	1,050	580	650	650	480	560	530	680
1996 :	1,150	960	570	480	580	880	1,100	1/
1997 :	1,060	660	480	450	550	570	840	1/
1998 :	1/	670	740	1,040	770	740	890	740

---

1/ Insufficient sales to establish a price.

Sweet Potatoes: Marketing Year Average Prices Received,  
by State and United States, 1996-98

---

State :	1996	:	1997	:	1998 1/
: Dollars per Cwt					
:					
AL :	12.10		20.50		18.10
CA :	26.10		28.00		27.00
GA :	10.60		15.40		16.50
LA :	13.10		14.40		14.50
MS :	12.60		18.50		19.50
NJ :	17.90		20.40		22.00
NC :	10.70		10.80		10.90
SC :	14.70		15.40		13.40
TX :	14.40		16.20		22.40
VA :	10.90		11.60		11.70
:					
US :	14.40		15.80		15.80

---

1/ Preliminary.

Limes: Marketing Year Average Prices Received, Florida,  
Crop Years 1997-98 and 1998-99

	1997-98			1998-99		
Utilization	F.O.B. Packed	Equiv. P.H.D.	Equiv. On-Tree	F.O.B. Packed	Equiv. P.H.D.	Equiv. On-Tree
	Dollars Per Box 1/					
Limes		10.02	5.02		13.56	8.56
Fresh	23.00	12.50	7.50	25.50	15.00	10.00
Processing		2.59	-2.41		2.00	-3.00

1/ Net lbs. per box: 88.

Limes: Average Prices and Equivalent Returns, Florida,  
June 1996 - December 1998

Month and Year		F.O.B. Packed	Equiv. P.H.D.			Equiv. On-Tree		
			All	Fresh	Proc.	All	Fresh	Proc.
		Dollars per box 1/						
Jun	1996	16.00	5.00	5.50	1.75	0.00	0.50	-3.25
Jul		18.60	6.96	8.10	1.75	1.96	3.10	-3.25
Aug		21.70	8.31	11.20	1.75	3.31	6.20	-3.25
Sep		21.90	8.92	11.40	1.75	3.92	6.40	-3.25
Oct		19.80	7.21	9.30	2.00	2.21	4.30	-3.00
Nov		24.60	10.80	14.10	2.00	5.80	9.10	-3.00
Dec		33.50	17.00	23.00	2.00	12.00	18.00	-3.00
Jan	1997	46.00	35.50	35.50		30.50	30.50	
Feb		52.00	41.50	41.50		36.50	36.50	
Mar								
Apr								
May		28.00	17.50	17.50		12.50	12.50	
Jun		19.00	6.85	8.50	2.00	1.85	3.50	-3.00
Jul		24.00	10.15	13.50	3.00	5.15	8.50	-2.00
Aug		21.00	8.15	10.50	2.80	3.15	5.50	-2.20
Sep		20.00	7.11	9.50	2.80	2.11	4.50	-2.20
Oct		19.00	6.88	8.50	2.00	1.88	3.50	-3.00
Nov		21.00	8.80	10.50	2.00	3.80	5.50	-3.00
Dec		32.00	17.17	21.50	2.00	12.17	16.50	-3.00
Jan	1998	28.00	17.50	17.50		12.50	12.50	
Feb								
Mar								
Apr		30.00	19.50	19.50		14.50	14.50	
May		24.00	13.50	13.50		8.50	8.50	
Jun		25.00	13.11	14.50	2.00	8.11	9.50	-3.00
Jul		23.00	10.67	12.50	2.00	5.67	7.50	-3.00
Aug		29.00	15.85	18.50	2.00	10.85	13.50	-3.00
Sep		26.00	13.93	15.50	2.00	8.93	10.50	-3.00
Oct		24.00	11.97	13.50	2.00	6.97	8.50	-3.00
Nov		24.00	11.34	13.50	2.00	6.34	8.50	-3.00
Dec		22.00	11.50	11.50		6.50	6.50	

1/ Net lbs. per box: 88.

## Parity Prices

Parity prices based on data for January 1999 and adjusted base price data from which parity prices are computed, are presented in the table on pages A-48 through A-51. Annual average prices for 1989 through 1998 for use in parity computations, and ten-year averages for 1988-97 and 1989-98 are shown on pages A-54 through A-63.

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 1999 this is the 1989-98 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, 1910-14=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, U.S. 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 January 1999 is given below.

The 120-month, January 1989-December 1998 average of prices received by farmers for corn was \$2.94 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 687 (1910-14=100). Dividing \$2.94 by 6.87 gives \$.428 per bushel, the adjusted base price which is multiplied by 1523 percent, the Parity Index (1910-14=100), based on data for January 1999. This gives \$6.50 per bushel, the parity price of corn during February 1999.

#### **The Parity Ratio**

The parity ratio (the Index of Prices Received by Farmers for the products they sell divided by the Parity Index (1910-14=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 1910-14 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 1910-14 period.

The parity ratio is a measure of price relationships; 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"**.

Adjusted Base Prices and United States Parity Prices  
Based on Data for January, 1999

Commodity and Unit	Adjusted Based Prices 1/	Parity Prices Based on data for Jan 1999 2/
		Dollars
Basic Commodities		
Wheat, Bu 3/	0.626	9.53
Rice, Cwt 3/	1.78	27.10
Corn, Bu 3/	0.428	6.52
Cotton, Lb		
American Upland 3/	0.113	1.72
Extra Long Staple	0.145	2.21
Peanuts, Lb	0.0425	0.647
Tobacco, Lb		
Flue-Cured, Types 11-14	0.252	3.84
VA Fire-Cured, Type 21	0.249	3.79
KY-TN Fire-Cured,		
Types 22-23	0.313	4.77
Burley, Type 31	0.266	4.05
Maryland, Type 32	0.231	3.52
Dark Air-Cured, Types 35-36	0.266	4.05
Sun-Cured, Type 37	0.226	3.44
PA SeedLeaf, Type 41	0.193	2.94
Cigar Filler & Binder,		
Types 42-44, 54-55	0.217	3.30
Puerto Rican Filler, Type 46	0.173	2.63
Cigar Binder, Types 51-52	0.552	8.41
Designated Nonbasic Commodities		
Soybeans, Bu 3/	0.905	13.80
All Milk Sold to Plants, Cwt	1.97	30.00
Honey, Wholesale, Lb		
Extracted	0.0878	1.340
Wool and Mohair		
Wool, Lb 3/	0.125	1.90
Mohair, Lb	0.231	3.52
Other Nonbasic Commodities		
Field Crops and Misc		
Barley, Bu 3/	0.383	5.83
Cottonseed, Ton	15.90	242.00
Dry Edible Beans, Cwt	3.26	49.60
Flaxseed, Bu	0.780	11.90
All Hay, Baled, Ton	12.50	190.00
Hops, Lb	0.239	3.64
Oats, Bu 3/	0.224	3.41
Peppermint Oil, Lb	1.94	29.50
Potatoes, Cwt	0.860	13.10
Rye, Bu	0.326	4.96
Sorghum Grain, Cwt 3/	0.674	10.30
Spearmint Oil, Lb	1.85	28.20
Sweetpotatoes, Cwt	2.04	31.10
Tobacco, Cigar Wrapper		
Type 61, Lb	2.78	42.30

See footnotes page A-36.



Adjusted Base Prices and United States Parity Prices  
Based on Data for January, 1999

Commodity and Unit	Adjusted Based Prices 1/	Parity Prices Based on data for Jan 1999 2/
Dollars		
Fruit, Citrus (Equivalent)		
On-Tree) Box		
Grapefruit 13/	0.524	7.98
Lemons 13/	1.200	18.30
Limes (FL)	1.17	17.80
Oranges 13/	0.747	11.40
Tangerines 13/	1.79	27.30
Temples 13/	0.635	9.67
Fruit, Deciduous and Other		
Apples		
Fresh, Lb 4/	0.0290	0.442
Processing, Ton 13/	19.80	302.00
Apricots, Ton		
Fresh	122.00	1,860.00
Processing		
Dried (CA)	293.00	4,460.00
Excl Dried	40.90	623.00
Avocados, Ton 13/	192.00	2,920.00
Cherries		
Sweet, Ton	157.00	2,390.00
Tart, Lb 13/	0.0265	0.404
Cranberries, Bbl 13/	7.55	115.00
Dates (CA) Ton 5/	139.00	2,120.00
Discontinued Nonbasic Commodities		
Field Crops and Misc 14/		
Crude Pine Gum, Bbl	13.90	212.00
Dry Field Peas, Cwt	1.89	28.80
Popcorn, Cwt	1.81	27.60
Tobacco, Type 62, Lb	0.858	13.10
Fruit, Deciduous and Other 16/		
Berries, Processing, Lb		
Blackberries	0.0620	0.944
Black Raspberries	0.106	1.61
Boysenberries/Youngberries	0.0879	1.340
Gooseberries	0.0373	0.568
Loganberries	0.0603	0.918
Red Raspberries	0.0844	1.290
Seed Crops, Cwt 14/		
Alfalfa	19.30	294.00
Bentgrass	18.90	288.00
Chewings Fescue	10.00	152.00
Crimson Clover	8.40	128.00
Hairy Vetch	5.81	88.50
Ladino Clover	24.70	376.00
Lespedeza	8.31	127.00
Merion KY Bluegrass	22.00	335.00
Orchardgrass	7.16	109.00
Red Clover	12.00	183.00
Red Fescue	10.10	154.00
Tall Fescue	3.67	55.90
Timothy	6.40	97.50

See footnotes page A-36.

Adjusted Base Prices and United States Parity Prices  
Based on Data for January, 1999

Commodity and Unit	Adjusted Based Prices 1/	Parity Prices Based on data for Jan 1999 2/
-----		
	Dollars	
Fruit, Deciduous and Other, Cont:		
Grapes, Ton		
Raisin Varieties		
Dried (CA)	142.00	2,160.00
Excl Raisin Varieties Dried	58.40	889.00
Kiwifruit, Ton 13/	72.60	1,110.00
Nectarines (CA), Ton		
Fresh 5/	63.00	959.00
Processing 6/	4.32	65.80
Olives (CA), Ton 7/		
Processing		
Crushed for oil	1.59	24.20
Excl crushed	80.20	1,220.00
Canning	93.20	1,420.00
Papayas (HA), Fresh, Lb	0.0479	0.730
Peaches		
Fresh, Lb 7/	0.0384	0.585
Processing		
Dried (CA), Ton 6/	119.00	1,810.00
Excluding Dried, Ton		
Clingstone (CA), Ton 7/	31.60	481.00
Freestone, Ton 6/	27.10	413.00
Pears		
Fresh, Ton 4/	51.70	787.00
Processing, Ton 6/		
Dried (CA)	148.00	2,250.00
Excluding Dried	30.00	457.00
Plums (CA) Equiv On-Tree		
Fresh, Ton 8/	53.70	818.00
Processing, Ton	1.91	29.10
Prunes, Dried (CA), Ton 13/	135.00	2,060.00
Prunes & Plums (EX CA) Ton		
Fresh 8/	55.30	842.00
Processing 6/	22.40	341.00
Strawberries, Lb		
Fresh 6/	0.0866	1.320
Processing	0.0393	0.599
Sugar Crops, Ton		
Sugarbeets 10/ 13/	5.91	90.00
Sugarcane 10/ 13/	4.22	64.30
Tree Nuts 11/		
Almonds, Lb	0.227	3.46
Filberts, Ton	117.00	1,780.00
Pecans, All, Ton	282.00	4,290.00
Pistachio, All, Lb	.164	2.50
Walnuts, Ton 13/	179.00	2,730.00
Vegetables, Fresh, Cwt 9/		
Asparagus	13.80	210.00
Broccoli 12/	3.77	57.40
Carrots 12/	1.78	27.10

See footnotes page A-36.

Adjusted Base Prices and United States Parity Prices  
Based on Data for January, 1999

Commodity and Unit	Adjusted Based Prices 1/	Parity Prices Based on data for Jan 1999 2/
	Dollars	
Cauliflower 12/	4.31	65.60
Celery 12/	1.85	28.20
Greenhouse Cucumbers		
Honeydew Melons	2.52	38.40
Lettuce	2.15	32.70
Onions 12/	1.70	25.90
Sweet Corn	2.46	37.50
Tomatoes	4.47	68.10
Vegetables, Processing, Ton 6/		
Asparagus	155.00	2,360.00
Green Peas	38.00	579.00
Snap Beans	25.50	388.00
Sweet Corn	10.50	160.00
Tomatoes	9.32	142.00
Livestock and Products		
Beef Cattle, Cwt	9.80	149.00
Calves, Cwt	12.50	190.00
Eggs, Doz	0.0964	1.47
Hogs, Cwt	6.58	100.00
Lambs, Cwt	10.10	154.00
Sheep, Cwt	4.21	64.10
Turkeys, Lb	0.0576	0.877
Discontinued Nonbasic Commodities		
Vegetables, Fresh, Cwt 14/		
Artichokes	4.55	69.30
Cabbage	1.38	21.00
Cantaloupes	2.13	32.40
Cucumbers	2.28	34.70
Eggplant	2.41	36.70
Escarole	3.10	47.20
Garlic	2.93	44.60
Green Peppers	3.60	54.80
Snap Beans	4.51	68.70
Spinach	3.95	60.20
Watermelon	0.846	12.90
Vegetables, Processing, Ton 14/		
Beets	7.79	119.00
Cabbage	6.01	91.50
Lima Beans	67.00	1,020.00
Spinach	14.50	221.00
Livestock and Products 14/		
Beeswax, Lb	0.291	4.43

See footnotes page A-36.

Adjusted Base Prices and United States Parity Prices  
Based on data for January 1999 (continued)

- 1/ Adjusted base price 1910-14 derived by dividing the average of 10 season average prices 1989-97, including an allowance where appropriate for unredeemed loans and other supplemental payments resulting from price support operations, by 687 percent (the 120-month, Jan 1989-Dec 1998 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/ These parity prices are the legally applicable parity prices for the following calendar month.
- 3/ Adjusted base price 1910-14 derived from 120-month, Jan 1989-Dec 1998 average including an allowance where appropriate for unredeemed loans and other supplemental payments resulting from price support operations.
- 4/ Equivalent packinghouse-door returns for CA, NY (apples only starting in 1985), OR (except peaches), and WA. Prices "as sold" for other states.
- 5/ Equivalent returns at packinghouse-door.
- 6/ Equivalent returns at processing plant door.
- 7/ Equivalent returns for bulk fruit at first delivery point.
- 8/ Based on 'as sold' prices for fresh fruit in all states.
- 9/ Average F.O.B. shipping point prices.
- 10/ 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.
- 11/ Prices on in-shell basis except almonds which are on shelled basis.
- 12/ Includes some processing.
- 13/ The 1998 marketing year average prices are not yet available for these commodities. Therefore, the adjusted base prices are brought forward from 1997, except citrus items (excluding limes) and cranberries.
- 14/ Monthly and/or season average prices are no longer estimated for these items. Therefore, the adjusted base price is brought forward from July 1986.

Average Base Period Prices Received by Farmers, US, 1910-14

Commodity	: Price : : Per : : Unit :	Average : Jan 1910- : Dec 1914 :	Commodity	: Price : : Per : : Unit :	Average : Jan 1910- : Dec 1914 :
All Wheat	:Dol/Bu :	.880	Sweetpotatoes	:Dol/Cwt:	1.61
Rice (Rough)	:Dol/Cwt:	1.81	Dry Edible Beans	:Dol/Cwt:	3.39
Corn	:Dol/Bu :	.649	All Beef Cattle	:Dol/Cwt:	5.52
Oats	:Dol/Bu :	.399	Calves	:Dol/Cwt:	6.84
All Barley	:Dol/Bu :	.617	All Hogs	:Dol/Cwt:	7.29
All Hay, Baled	:Dol/Ton:	11.90	Lambs	:Dol/Cwt:	5.96
Cotton	: Ct/Lb :	11.92	Sheep	:Dol/Cwt:	4.59
Peanuts	: Ct/Lb :	4.83	All Milk	:Dol/Cwt:	1.61
Cottonseed	:Dol/Ton:	21.80	All Eggs	: Ct/Doz:	21.6
Flaxseed	:Dol/Bu :	1.68	Turkeys, Live	: Ct/Lb :	14.3
Potatoes	:Dol/Cwt:	1.13	Wool	: Ct/Lb :	17.8

Parity Price Equivalent for Manufacturing Grade Milk

By direction of the Secretary of Agriculture, the parity price equivalent for manufacturing grade milk is determined as follows: (1) Based on data for the 10 calendar years immediately preceding, compute the ratio of (a) the average price received by farmers, f.o.b. plant, for all manufacturing grade milk to (b) the average price received by farmers, f.o.b. plant, for all milk sold to plants and dealers. (2) The parity price for all milk sold to plants is multiplied by the resulting ratio of (a) to (b) to determine the parity price equivalent for manufacturing milk. The parity price equivalent for manufacturing milk is not in itself a parity price but rather is an administrative determination based on the above price relationship.

The ratio is computed in January of each year and is used throughout the calendar year. The ratio to be used during 1999 is 91.1, up from 1998. The parity price for all milk sold to plants is \$30.00 per cwt. This price multiplied by 91.1 percent, results in \$27.33 per cwt as the parity price equivalent for manufacturing milk of average milkfat content. In 1998, the simple average of monthly fat tests for manufacturing grade milk was 3.76 percent. The fat test ranged from a low of 3.55 in July to a high of 3.95 percent in November.

Manufacturing Grade Milk: Average Price Per Cwt Received 1/,  
by Months, United States, January 1989-December 1998

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Dollars												
1989	12.20	11.60	11.30	11.20	11.20	11.30	11.60	12.20	13.20	14.10	14.90	15.10
1990	14.10	12.50	12.10	12.40	12.70	13.00	13.10	12.90	12.40	11.10	10.60	10.50
1991	10.60	10.20	10.20	10.10	10.20	10.40	10.80	11.30	12.00	12.60	12.70	12.30
1992	11.80	11.30	11.10	11.50	12.00	12.20	12.30	12.30	12.20	12.20	12.00	11.50
1993	11.10	10.90	11.20	12.00	12.30	11.90	11.20	11.00	11.90	12.40	12.70	12.50
1994	12.30	12.20	12.40	12.50	11.40	11.00	11.10	11.40	11.90	12.20	12.00	11.50
1995	11.40	11.70	11.70	11.20	11.00	11.10	11.00	11.30	12.10	12.80	13.10	12.90
1996	12.80	12.60	12.60	12.90	13.40	13.60	14.00	14.60	15.30	14.60	12.40	11.80
1997	12.10	12.50	12.40	11.60	10.90	10.80	10.80	11.90	12.70	13.20	13.60	13.60
1998	13.50	13.50	12.90	12.10	11.30	13.00	14.00	14.60	15.40	16.70	17.30	17.40

- 1/ Before hauling costs are deducted and including premiums paid to farmers.
- 2/ Preliminary

Average price January 1989 - December 1998

a. Manufacturing grade milk	12.30
b. All milk sold at wholesale to plants and dealers	13.50
c. Ratio a/b	91.1

Parity price equivalent for manufacturing grade milk - United States

a. January 1998	26.63
b. December 1998	26.45
c. January 1999	27.33

Prices Received by Farmers used to Calculate Parity Prices  
for Agricultural Commodities, United States, 1989-98 1/

Commodity and Unit	1989	1990	1991	1992	1993	1994	1995
Index of Prices Received by Farmers	(1910-14=100)						
	659	660	632	626	643	634	646
Dollars							
Calendar Year Average Prices 3/							
Basic Commodities							
Corn, Bu	2.43	2.40	2.33	2.29	2.22	2.41	2.56
Cotton, Upland, Lb	0.595	0.648	0.655	0.532	0.538	0.661	0.772
Cotton, Long Staple, Lb	0.971	1.060	0.970	0.788	0.870	1.025	1.228
Tobacco, Type 32, Lb	1.624	1.811	1.602	1.470	1.430	1.481	1.573
Wheat, Bu	3.88	2.98	2.74	3.41	3.21	3.52	4.09
Rice, Cwt	7.00	6.90	7.34	7.03	5.98	8.22	7.62
Designated Nonbasic Comm							
All Milk, Cwt	13.60	13.70	12.20	13.10	12.80	13.00	12.80
Other Nonbasic Comm							
Field Crops and Misc							
Barley, Bu	2.55	2.21	2.07	2.09	1.98	2.01	2.47
Dry Beans, Cwt	29.70	27.40	17.60	17.60	20.70	24.60	21.90
Flaxseed, Bu	7.34	6.86	4.09	3.75	4.25	4.49	5.05
Hay, Baled, Ton	89.20	85.30	74.70	71.90	82.30	88.90	83.20
Oats, Bu	1.87	1.27	1.15	1.36	1.40	1.29	1.45
Rye, Bu	2.06	2.09	2.20	2.38	2.55	2.70	2.90
Sorghum, Cwt	3.90	3.87	3.96	3.87	3.66	3.97	4.51
Soybeans, Bu	6.63	5.82	5.60	5.56	6.04	6.11	5.85
Sweetpotatoes, Cwt	16.40	9.70	13.30	12.20	15.10	14.00	15.90
Fruit							
Apples, Fresh, Lb 4/	0.146	0.167	0.230	0.248	0.183	0.183	0.205
Livestock and Products							
Beef Cattle, Cwt	69.70	74.80	72.90	71.30	73.40	66.50	62.20
Calves, Cwt	91.80	96.50	99.90	89.40	95.90	87.10	74.80
Eggs, Doz	0.700	0.704	0.660	0.564	0.629	0.609	0.638
Hogs, Cwt	43.20	54.00	48.80	42.00	45.20	39.50	41.80
Lambs, Cwt	67.30	56.00	52.50	60.80	64.60	64.80	78.30
Sheep, Cwt	27.00	23.80	20.40	26.90	29.50	31.60	28.60
Turkeys, Lb	0.369	0.400	0.384	0.377	0.376	0.390	0.407

Footnotes on page A-47.

-- continued

Prices Received by Farmers used to Calculate Parity Prices  
for Agricultural Commodities, United States, 1989-98 1/ (continued)

Commodity and Unit	1996	1997	1998	1988-97 Average	1989-98 Average	As For Parity Computed Purposes 2/
Index of Prices Received by Farmers	712	679	643	652	653	687
(1910-14=100)						
Dollars						
Calendar Year Average prices 3/						
Basic Commodities						
Corn, Bu	3.55	2.60	2.20	2.51	2.50	2.94
Cotton, Upland, Lb	0.741	0.679	0.648	0.640	0.647	0.778
Cotton, Long Staple, Lb	1.070	1.014	0.985	1.018	0.998	0.999
Tobacco, Type 32, Lb	1.856	1.585		1.594		
Wheat, Bu	4.77	3.71	2.91	3.56	3.52	4.30
Rice, Cwt	9.62	10.01	9.38	7.76	7.91	12.20
Designated Nonbasic Comm						
All Milk, Cwt	14.90	13.30	15.40	13.20	13.50	
Other Nonbasic Comm						
Field Crops and Misc						
Barley, Bu	3.07	2.39	2.12	2.32	2.30	2.63
Dry Beans, Cwt	23.70	20.90	20.40	22.60	22.40	
Flaxseed, Bu	5.92	6.11	5.72	5.37	5.36	
Hay, Baled, Ton	88.90	102.80	90.50	84.40	85.80	
Oats, Bu	2.01	1.72	1.33	1.58	1.49	1.54
Rye, Bu	3.70	3.75	2.49	2.24	2.24	
Sorghum, Cwt	5.93	4.10	3.55	4.14	4.13	4.63
Soybeans, Bu	7.27	7.40	5.93	6.35	6.22	6.22
Sweetpotatoes, Cwt	14.40	15.80	15.80	14.00	14.30	
Fruit						
Apples, Fresh, Lb 4/	0.242	0.194	0.189	0.196	0.199	
Livestock and Products						
Beef Cattle, Cwt	59.30	63.30	59.70	68.00	67.30	
Calves, Cwt	58.70	82.30	82.30	86.60	85.90	
Eggs, Doz	0.760	0.698	0.657	0.650	0.662	
Hogs, Cwt	53.30	52.00	32.40	46.20	45.20	
Lambs, Cwt	88.30	90.50	72.20	69.30	69.50	69.50
Sheep, Cwt	30.30	38.10	32.70	28.30	28.90	
Turkeys, Lb	0.411	0.435	0.401	0.395	0.396	

Footnotes on page A-47.

Prices Received by Farmers used to Calculate Parity Prices  
for Agricultural Commodities, United States, 1989-98 1/

Commodity and Unit	1989	1990	1991	1992	1993	1994
Dollars						
Marketing Year Average Prices 3/						
Basic Commodities						
Peanuts, Lb 18/	0.280	0.347	0.283	0.300	0.304	0.289
Tobacco, Lb						
Types 11-14	1.674	1.673	1.723	1.726	1.681	1.698
Type 21	1.537	1.602	1.526	1.615	1.719	1.612
KY-TN Fire-Cured,						
Types 22-23	1.990	1.952	2.134	2.173	2.194	2.092
Burley, Type 31	1.672	1.753	1.788	1.815	1.816	1.841
Types 35-36	1.701	1.863	1.840	1.694	1.715	1.685
Sun-Cured, Type 37	1.351	1.456	1.434	1.380	1.521	1.476
PA Seedleaf, Type 41	1.270	1.390	1.430	1.150	0.950	1.000
Cigar Filler & Binder:						
Types 42-44, 54-55	1.500	1.500	1.550	1.487	1.432	1.450
Puerto Rican Filler,						
Type 46 7/						
Types 51-52	1.800	2.500	2.600	2.800	3.000	3.060
Designated Nonbasic Comm						
Honey, Wholesale, Lb						
Extracted 8/	0.498	0.537	0.556	0.550	0.539	0.528
Wool and Mohair 9/						
Wool, Lb	1.240	0.800	0.550	0.740	0.510	0.780
Mohair, Lb	1.58	0.93	1.28	0.86	0.82	2.56
Other Nonbasic Comm						
Field Crops and Misc						
Cottonseed, Ton	105.00	121.00	71.00	97.50	113.00	101.00
Hops, Lb	1.380	1.480	1.680	1.740	1.760	1.810
Peppermint Oil, Lb	13.10	13.90	13.30	12.80	13.30	14.60
Potatoes, Cwt	7.36	6.08	4.96	5.52	6.18	5.58
Spearmint Oil, Lb	13.90	14.90	13.90	12.80	12.30	12.50

Footnotes on page A-47.

-- continued



Prices Received by Farmers used to Calculate Parity Prices  
for Agricultural Commodities, United States, 1989-98 1/ (continued)

Commodity and Unit	1995	1996	1997	1998	1988-97: Average	1989-98 Average
Dollars						
Marketing Year Average Prices 3/						
Basic Commodities						
Peanuts, Lb 18/	0.293	0.281	0.283	0.257	0.294	0.292
Tobacco, Lb						
Types 11-14	1.790	1.834	1.727	1.754	1.714	1.728
Type 21	1.640	1.790	2.124	1.961	1.665	1.713
KY-TN Fire-Cured,						
Types 22-23	2.172	2.245	2.270	2.250	2.143	2.147
Burley, Type 31	1.854	1.922	1.913	1.910	1.798	1.828
Types 35-36	1.762	1.952	2.100	2.017	1.794	1.833
Sun-Cured, Type 37	1.555	1.782	1.796	1.724	1.499	1.548
PA Seedleaf, Type 41	1.450	1.550	1.550	1.550	1.278	1.329
Cigar Filler & Binder:						
Types 42-44, 54-55	1.450	1.486	1.500	20/	1.461	1.486
Puerto Rican Filler,						
Type 46 7/					0.731	
Types 51-52	3.888	6.279	6.000	20/	3.363	3.793
Designated Nonbasic Comm						
Honey, Wholesale, Lb						
Extracted 8/	0.685	0.888	0.752	6/	0.603	
Wool and Mohair 9/						
Wool, Lb	1.040	0.700	0.840	6/	0.858	
Mohair, Lb	1.84	1.92	2.25	6/	1.59	
Other Nonbasic Comm						
Field Crops and Misc						
Cottonseed, Ton	106.00	126.00	121.00	129.00	108.00	109.00
Hops, Lb	1.710	1.650	1.600	1.620	1.620	1.640
Peppermint Oil, Lb	13.80	13.60	12.90	11.60	13.70	13.30
Potatoes, Cwt	6.77	4.93	5.68	6/	5.91	
Spearmint Oil, Lb	12.30	12.00	11.90	10.90	12.90	12.70

Footnotes on page A-47.

Prices Received by Farmers used to Calculate Parity Prices  
for Agricultural Commodities, United States, 1989-98 1/

Commodity and Unit	1989	1990	1991	1992	1993	1994
Dollars						
Marketing Year Average Prices 3/						
Nonbasic Commodities						
Tobacco, Cigar Wrapper						
Type 61, Lb	21.70	21.00	18.00	17.00	17.00	17.80
Fruit, Citrus (Equip						
On-Tree) Box 10/						
Grapefruit	5.86	5.55	6.20	2.75	3.33	2.30
Lemons	12.02	12.00	9.13	6.15	6.18	7.52
Limes (FL)	8.26	13.99	9.12	1.02	12.70	8.65
Oranges	6.13	6.79	5.52	3.88	4.40	4.23
Tangerines	15.80	16.69	14.77	12.08	9.56	12.21
Temples	5.64	6.31	6.51	2.99	2.73	3.47
Fruit, Deciduous and						
Other						
Apples, Ton						
Processing 11/	107.00	144.00	171.00	130.00	107.00	114.00
Apricots, Ton						
Fresh 14/	1,070.00	960.00	1,250.00	593.00	778.00	546.00
Processing 11/						
Dried (CA)	1,890.00	1,950.00	2,110.00	1,960.00	2,320.00	1,890.00
Excl Dried	284.00	276.00	289.00	286.00	271.00	305.00
Avocados, Ton	1,800.00	1,320.00	1,060.00	405.00	1,780.00	1,380.00
Cherries						
Sweet, Ton	713.00	894.00	968.00	915.00	1,190.00	1,040.00
Tart, Lb	0.145	0.181	0.464	0.176	0.121	0.163
Cranberries, Bbl	44.00	46.10	49.00	51.60	50.20	49.30
Dates (CA) Ton	1,040.00	820.00	970.00	1,060.00	790.00	750.00
Grapes, Ton						
Raisin Varieties						
Dried (CA)	977.00	903.00	963.00	911.00	937.00	923.00
Excl Raisin Var Dr	354.00	335.00	351.00	334.00	377.00	376.00
Kiwifruit, Ton 12/	400.00	415.00	820.00	290.00	370.00	491.00
Nectarines, CA, Ton						
Fresh 12/ 20/	400.00	479.00	409.00			
Processing 11/ 20/	45.00	27.20	39.60			
Olives (CA), Ton						
Processing 13/						
Crushed for Oil	12.00	10.90	10.30	10.50	10.50	11.00
Excl Crushed	489.00	440.00	574.00	568.00	488.00	489.00
Canning 13/	563.00	553.00	631.00	676.00	558.00	551.00

Footnotes on page A-47.

-- continued

Prices Received by Farmers used to Calculate Parity Prices  
for Agricultural Commodities, United States, 1989-98 1/ (continued)

Commodity and Unit	1995	1996	1997	1998	1988-97: Average	1989-98: Average
Dollars						
Marketing Year Average Prices 3/						
Nonbasic Commodities						
Tobacco, Cigar Wrapper						
Type 61, Lb	6/	6/	6/	6/	19.10	
Fruit, Citrus (Equip						
On-Tree) Box 10/						
Grapefruit	2.30	1.91	1.41	6/	3.60	
Lemons	6.37	8.36	6.24	6/	8.27	
Limes (FL)	8.05	5.01	5.02	8.56	8.31	8.04
Oranges	4.79	4.22	4.29	6/	5.13	
Tangerines	11.10	9.42	8.81	6/	12.31	
Temples	4.44	3.22	2.84	6/	4.36	
Fruit, Deciduous and						
Other						
Apples, Ton						
Processing 11/	159.00	171.00	130.00	6/	136.00	
Apricots, Ton						
Fresh 14/	900.00	1,170.00	558.00	578.00	880.00	840.00
Processing 11/						
Dried (CA)	2,090.00	2,240.00	1,810.00	1,860.00	2,040.00	2,010.00
Excl Dried	282.00	285.00	275.00	260.00	284.00	281.00
Avocados, Ton	1,300.00	1,430.00	1,560.00	6/	1,320.00	
Cherries						
Sweet, Ton	1,260.00	1,470.00	1,250.00	1,090.00	1,049.00	1,079.00
Tart, Lb	0.059	0.161	0.159	6/	0.182	
Cranberries, Bbl	53.40	65.90	63.70	6/	51.90	
Dates (CA) Ton	780.00	1,090.00	1,100.00	1,130.00	930.00	953.00
Grapes, Ton						
Raisin Varieties						
Dried (CA)	980.00	1,070.00	908.00	1,200.00	947.00	977.00
Excl Raisin Var Dr	399.00	483.00	496.00	505.00	381.00	401.00
Kiwifruit, Ton 12/	459.00	470.00	518.00	6/	499.00	
Nectarines, CA, Ton						
Fresh 12/ 20/						
Processing 11/ 20/						
Olives (CA), Ton						
Processing 13/						
Crushed for Oil	11.00	11.00	11.00	11.00	11.10	10.90
Excl Crushed	681.00	643.00	665.00	469.00	557.00	551.00
Canning 13/	779.00	745.00	760.00	580.00	642.00	640.00

Footnotes on page A-47.

Prices Received by Farmers used to Calculate Parity Prices  
for Agricultural Commodities, United States, 1989-98 1/

Commodity and Unit	1989	1990	1991	1992	1993	1994
Dollars						
Marketing Year Average Prices 3/						
Papayas (HA), Fresh, Lb	0.220	0.250	0.333	0.250	0.232	0.243
Peaches						
Fresh, Lb 14/	0.286	0.334	0.269	0.212	0.221	0.188
Processing 11/						
Dried (CA), Ton	924.00	975.00	1,080.00	893.00	713.00	856.00
Excluding Dried, Ton						
Clingstone CA, Ton	214.00	214.00	218.00	215.00	218.00	180.00
Freestone, Ton	173.00	183.00	190.00	188.00	187.00	187.00
Pears						
Fresh, Ton 4/	336.00	360.00	385.00	378.00	280.00	258.00
Processing, Ton 11/						
Dried (CA)	861.00	756.00	900.00	1,130.00	970.00	942.00
Excluding Dried	220.00	205.00	219.00	221.00	206.00	184.00
Plums (CA), Ton						
Fresh 20/						
Processing 20/						
Prunes, Dried, CA, Ton 11/	779.00	873.00	940.00	1,030.00	1,120.00	1,090.00
Prunes&Plums, Ex CA, Ton						
Fresh 14/	387.00	353.00	420.00	243.00	206.00	255.00
Processing 11/	105.00	102.00	219.00	146.00	157.00	105.00
Strawberries, Lb						
Fresh 15/ 16/	0.539	0.553	0.540	0.615	0.540	0.602
Processing	0.261	0.287	0.274	0.247	0.284	0.291
Sugar Crops, Ton 17/						
Sugarbeets	42.10	43.00	38.50	41.40	39.00	38.80
Sugarcane	29.20	30.80	29.00	28.10	28.50	29.20

Footnotes on page A-47.

-- continued

Prices Received by Farmers used to Calculate Parity Prices  
for Agricultural Commodities, United States, 1989-98 1/ (continued)

Commodity and Unit	1995	1996	1997	1998	1988-97: Average	1989-98 Average
Dollars						
Marketing Year Average Prices 3/						
Papayas (HA), Fresh, Lb	0.435	0.448	0.529	0.350	0.315	0.329
Peaches						
Fresh, Lb 14/	0.260	0.331	0.244	0.295	0.261	0.264
Processing 11/						
Dried (CA), Ton	894.00	726.00	612.00	550.00	863.00	822.00
Excluding Dried, Ton						
Clingstone CA, Ton	213.00	219.00	260.00	219.00	216.00	217.00
Freestone, Ton	187.00	181.00	194.00	188.00	184.00	186.00
Pears						
Fresh, Ton 4/	343.00	496.00	329.00	384.00	352.00	355.00
Processing, Ton 11/						
Dried (CA)	919.00	1,290.00	1,020.00	1,390.00	974.00	1,018.00
Excluding Dried	177.00	223.00	213.00	191.00	206.00	206.00
Plums (CA), Ton						
Fresh 20/					365.00	369.00
Processing 20/					12.00	13.10
Prunes, Dried, CA, Ton 11/	1,040.00	839.00	798.00	6/	929.00	
Prunes&Plums, Ex CA, Ton						
Fresh 14/	441.00	575.00	448.00	476.00	367.00	380.00
Processing 11/	145.00	267.00	134.00	162.00	149.00	154.00
Strawberries, Lb						
Fresh 15/ 16/	0.604	0.565	0.656	0.740	0.576	0.595
Processing	0.262	0.204	0.271	0.318	0.263	0.270
Sugar Crops, Ton 17/						
Sugarbeets	38.10	45.40	38.80	6/	40.60	
Sugarcane	29.50	28.30	28.10	6/	29.00	

Footnotes on page A-47.

Prices Received by Farmers used to Calculate Parity Prices  
for Agricultural Commodities, United States, 1989-98 1/

Commodity and Unit	1989	1990	1991	1992	1993	1994
Dollars						
Marketing Year Average Prices 3/						
Tree Nuts 18/						
Almonds, Lb	1.020	0.930	1.190	1.300	1.940	1.340
Filberts, Ton	820.00	784.00	726.00	552.00	633.00	835.00
Pecans, All, Ton	1,430.00	2,420.00	2,080.00	2,900.00	1,172.00	2,080.00
Walnuts, Ton	1,070.00	1,040.00	1,060.00	1,410.00	1,390.00	1,030.00
Vegetables, Fresh, Cwt 15/						
Asparagus	68.20	68.60	78.90	92.00	95.70	100.00
Broccoli 19/	21.00	22.30	22.00	23.50	26.60	27.50
Carrots 19/	10.30	9.37	11.20	10.80	11.70	12.90
Cauliflower 19/	26.10	24.20	26.80	28.10	29.90	28.20
Celery 19/	13.20	10.80	10.80	12.30	14.80	11.80
Honeydew Melons	12.10	18.00	18.40	13.50	18.20	16.40
Lettuce	12.60	11.50	11.40	12.40	16.00	13.30
Onions 19/	11.40	10.50	12.50	13.00	14.30	9.80
Sweet Corn	16.90	15.00	17.00	14.40	17.80	17.20
Tomatoes	33.10	27.30	31.70	35.80	31.50	27.40
Vegetables, Proc. Ton 11/						
Asparagus	955.00	987.00	955.00	948.00	1,007.00	1,050.00
Green Peas	238.00	249.00	261.00	239.00	251.00	254.00
Snap Beans	174.00	183.00	176.00	173.00	178.00	166.00
Sweet Corn	66.90	69.60	71.00	68.20	72.40	68.50
Tomatoes	69.30	67.80	66.40	70.80	60.10	62.10

Footnotes on page A-47.

-- continued

Prices Received by Farmers used to Calculate Parity Prices  
for Agricultural Commodities, United States, 1989-98 1/ (continued)

Commodity and Unit	1995	1996	1997	1998	1988-97: Average	1989-98 Average
Dollars						
Marketing Year Average Prices 3/						
Tree Nuts 18/						
Almonds, Lb	2.480	2.080	1.560	1.800	1.490	1.560
Filberts, Ton	913.00	860.00	899.00	983.00	788.00	801.00
Pecans, All, Ton	2,020.00	1,282.00	1,548.00	2,460.00	1,800.00	1,940.00
Walnuts, Ton	1,400.00	1,580.00	1,430.00	6/ 1,230.00		
Vegetables, Fresh, Cwt 15/:						
Asparagus	113.00	92.90	110.00	126.00	89.00	94.50
Broccoli 19/	29.30	27.10	29.10	30.80	25.20	25.90
Carrots 19/	16.70	13.40	12.90	12.30	12.00	12.20
Cauliflower 19/	33.20	32.90	30.60	36.20	28.60	29.60
Celery 19/	16.30	10.50	14.70	12.20	12.70	12.70
Honeydew Melons	20.60	17.00	18.90	20.30	16.80	17.30
Lettuce	23.50	14.70	17.60	15.20	14.80	14.80
Onions 19/	9.90	10.50	10.60	14.30	11.20	11.70
Sweet Corn	18.30	16.90	17.70	17.60	16.60	16.90
Tomatoes	25.50	28.10	31.70	35.00	29.90	30.70
Vegetables, Proc. Ton 11/:						
Asparagus	1,150.00	1,210.00	1,220.00	1,200.00	1,049.00	1,068.00
Green Peas	267.00	284.00	288.00	282.00	257.00	261.00
Snap Beans	173.00	178.00	176.00	169.00	175.00	175.00
Sweet Corn	75.60	78.50	74.90	73.60	70.60	71.90
Tomatoes	63.20	62.30	60.70	57.70	64.30	64.00

1/ Averages used to compute "adjusted base prices". 1998 and 1989-98 averages are preliminary. 2/ 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. 3/ Simple average of monthly prices. Due to rounding differences, the 10-year average of these data might differ slightly from the 120-month averages shown in the 1988-97 and 1989-98 columns. 4/ Equivalent packinghouse-door returns for CA, NY (apples only starting in 1985), OR (except peaches), and WA. Prices "as sold" for other states. 5/ Unless otherwise noted these prices are the averages for the marketing season computed by weighting state prices by quantities sold. 6/ Not available. 7/ Price for year harvested, from Tobacco Division, AMS. 8/ For 1984 through 1986 the national averages are the support prices. 9/ Average local market price; does not include incentive payment per pound, the 1988-97 and 1989-98 averages for parity purposes include this allowance. 10/ Consistent with legislation quoted in this report, citrus prices shown for 1997 relate to the citrus crop designated as 1997-98 in the production reports. 11/ Equivalent returns at processing plant door. 12/ Equivalent returns at packinghouse-door. 13/ Equivalent returns for bulk fruit at first delivery point. 14/ Based on "as sold" prices for fresh fruit in all states. 15/ Average F.O.B. Shipping point prices. 16/ Includes strawberries for processing in states where the processing crop is not estimated separately. 17/ Prices include average conditional payments per ton made under the sugar acts of 1937 and 1948. Crop deficiency and abandonment payments not included. 18/ Prices on in-shell basis except almonds which are on shelled basis. 19/ Includes some processing. 20/ Marketing year average prices not published to avoid disclosure of individual operations.

Indexes of Prices Received by Months and Annual Average,  
United States, 1991-98

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
-----													
:	:	:	:	:	:	:	:	:	:	:	:	:	:
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
:	:	:	:	:	:	:	:	:	:	:	:	:	1/
-----													
:	All Farm Products												
:	1910-14=100												
:													
1991	632	633	650	648	659	639	622	621	625	621	620	616	632
1992	617	630	638	627	629	635	630	634	629	617	611	613	626
1993	618	623	632	662	657	641	640	648	650	642	650	656	643
1994	665	663	664	650	643	636	617	618	617	604	608	627	634
1995	623	620	628	630	637	637	646	653	662	661	670	685	646
1996	686	676	695	686	709	750	754	746	738	714	699	688	712
1997	683	666	685	676	686	683	678	684	680	682	681	667	679
1998	653	640	649	661	655	649	645	644	631	631	634	626	643
:													
:	1990-92=100												
:													
1991	100	100	102	102	104	101	98	98	98	98	98	97	100
1992	97	99	100	99	99	100	99	100	99	97	96	96	98
1993	97	98	99	104	103	101	101	102	102	101	102	103	101
1994	105	104	105	102	101	100	97	97	97	95	96	99	100
1995	98	98	99	99	100	100	102	103	104	104	106	108	102
1996	108	106	109	108	112	118	119	117	116	112	110	108	112
1997	107	105	108	106	108	107	107	108	107	107	107	105	107
1998	103	101	102	104	103	102	102	101	99	99	100	99	101
:													
:	All Crops												
:													
:	1910-14=100												
:													
1991	484	482	509	515	541	508	475	482	492	483	494	485	496
1992	497	512	534	510	498	509	495	497	494	477	471	476	498
1993	474	478	478	528	512	490	503	515	517	508	524	537	505
1994	545	545	540	520	528	534	506	499	507	490	498	525	520
1995	508	504	528	556	574	559	565	567	564	559	571	584	553
1996	597	606	638	634	646	691	674	656	621	589	575	558	624
1997	569	558	584	572	581	587	565	575	564	566	567	548	570
1998	541	538	548	567	555	527	529	515	498	494	503	494	526
:													
:	1990-92=100												
:													
1991	98	98	103	104	110	103	96	98	100	98	100	98	101
1992	101	104	108	103	101	103	100	101	100	97	95	97	101
1993	96	97	97	107	104	99	102	104	105	103	106	109	102
1994	111	110	109	106	107	108	103	101	103	99	101	106	105
1995	103	102	107	113	116	113	114	115	114	113	116	118	112
1996	121	123	129	129	131	140	137	133	126	119	117	113	127
1997	115	113	118	116	118	119	115	117	114	115	115	111	116
1998	110	109	111	115	113	107	107	104	101	100	102	100	107

1/ Simple average required for parity regulations. Weighted 1990-92 average equals 100.





Indexes of Prices Received by Months and Annual Average,  
United States, 1991-98

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
-----													
													1/
-----													
	Cotton												
	1910-14=100												
1991	549	574	582	587	593	571	560	560	549	532	517	471	554
1992	437	421	425	449	450	490	476	445	446	456	445	459	450
1993	448	455	476	466	460	453	454	443	434	443	451	478	455
1994	530	555	563	571	583	535	496	565	551	560	579	620	559
1995	665	678	698	656	644	670	677	610	632	627	634	640	653
1996	646	640	649	667	648	650	622	608	605	604	589	586	626
1997	574	576	586	571	577	567	571	566	588	587	574	539	573
1998	516	528	540	538	537	589	575	560	567	561	550	513	548
	1990-92=100												
1991	107	112	114	115	116	111	109	109	107	104	101	92	108
1992	85	82	83	88	88	96	93	87	87	89	87	90	88
1993	87	89	93	91	90	88	89	86	85	86	88	93	89
1994	103	108	110	111	114	104	97	110	108	109	113	121	109
1995	130	132	136	128	126	131	132	119	123	122	124	125	127
1996	126	125	127	130	127	127	121	119	118	118	115	114	122
1997	112	112	114	112	113	111	111	111	115	115	112	105	112
1998	101	103	105	105	105	115	112	109	111	110	107	100	107
	Tobacco 2/												
	1910-14=100												
1991	1557	1643	1526	1617		1422	1448	1552	1548	1583	1570	1547	
1992	1552	1670	1517	1374		1361	1439	1587	1583	1591	1587	1526	
1993	1574	1739	1604	1370		1370	1383	1496	1517	1574	1578	1521	
1994	1596	1752	1478	1478		1309	1391	1539	1570	1609	1596	1532	
1995	1630	1709	1491	1326		1526	1535	1591	1574	1600	1604	1559	
1996	1652	1791	1517	1396		1391	1517	1643	1661	1674	1674	1592	
1997	1678	1661	1678			1374	1387	1526	1552	1604	1670	1570	
1998	1670	1665	1574	1474		1417	1409	1557	1622	1657	1661	1571	
	1990-92=100												
1991	103	109	101	107		94	96	103	102	105	104	102	
1992	103	110	100	91		90	95	105	105	105	105	101	
1993	104	115	106	91		91	91	99	100	104	104	101	
1994	105	116	98	98		86	92	102	104	106	105	101	
1995	108	113	99	88		101	101	105	104	106	106	103	
1996	109	118	100	92		92	100	109	110	111	111	105	
1997	111	110	111			91	92	101	103	106	110	104	
1998	110	110	104	97		94	93	103	107	109	110	104	

1/ Simple average required for parity regulations. Weighted 1990-92 average equals 100.  
 2/ Missing data indicates insufficient sales volume to establish a price.

Indexes of Prices Received by Months and Annual Average,  
United States, 1991-98

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Oil-Bearing Crops													
1910-14=100													
1991	561	556	564	564	554	544	524	551	539	524	511	517	542
1992	537	543	552	552	572	578	545	527	534	518	530	539	544
1993	546	545	553	560	568	577	641	639	598	582	620	652	590
1994	658	658	661	645	663	660	580	547	541	519	531	534	600
1995	534	527	539	543	543	556	577	569	568	586	619	653	568
1996	659	682	683	725	750	726	744	755	686	649	656	680	700
1997	695	719	775	801	817	792	731	700	620	615	655	656	715
1998	652	642	626	613	614	609	606	538	510	511	551	556	586
1990-92=100													
1991	103	102	103	103	101	100	96	101	99	96	93	95	99
1992	98	99	101	101	105	106	100	96	98	95	97	98	100
1993	100	100	101	102	104	105	117	117	109	106	113	119	108
1994	120	120	121	118	121	121	106	100	99	95	97	98	110
1995	98	96	98	99	99	102	105	104	104	107	113	119	104
1996	120	125	125	132	137	133	136	138	125	119	120	124	128
1997	127	131	142	146	149	145	134	128	113	112	120	120	131
1998	119	117	114	112	112	111	111	98	93	93	101	102	107
Fruit and Nuts													
1910-14=100													
1991	678	706	749	774	810	933	784	780	862	807	775	725	782
1992	734	743	759	723	686	700	645	711	705	667	640	558	689
1993	500	501	481	511	564	677	706	786	845	833	741	602	646
1994	550	551	583	603	641	678	698	715	733	678	616	534	632
1995	515	514	533	569	708	730	773	885	822	790	692	629	680
1996	660	666	729	700	798	933	910	912	1006	979	872	717	824
1997	647	627	674	617	740	886	886	879	913	838	743	624	756
1998	558	607	655	705	773	850	935	1014	942	912	866	694	793
1990-92=100													
1991	97	101	107	111	116	134	112	112	123	116	111	104	112
1992	105	106	109	104	98	100	92	102	101	96	92	80	99
1993	72	72	69	73	81	97	101	113	121	119	106	86	93
1994	79	79	84	86	92	97	100	102	105	97	88	76	90
1995	74	74	76	81	101	105	111	127	118	113	99	90	97
1996	95	95	104	100	114	134	130	131	144	140	125	103	118
1997	93	90	97	88	106	127	127	126	131	120	106	89	108
1998	80	87	94	101	111	122	134	145	135	131	124	99	114

1/ Simple average required for parity regulations. Weighted 1990-92 average equals 100.









## 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 2600 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 U.S. 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 marketings. 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 U.S. price based on expanded marketings. Recommendations are prepared by the State Statistical 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:** For most items, the current month's price represents a 3-5 day period around the mid-month. Previous month's prices represent actual dollars received for quantities sold during the entire month. Revisions are published in monthly issues of "**Agricultural Prices**".

**Reliability:** U.S. 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 U.S. relative sampling errors at around five percent. Any nonsampling 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 nonsampling errors.



## Prices Paid by Farmers

The January Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) was 114 (1990-92=100), 0.9 percent more than December 1998 but 2.6 percent below January 1998.

**Production Index:** The farm production, goods, and services index for January, at 111, was up 0.9 percent from last month but 4.3 percent below last year. Since December, higher prices for feeder cattle, feeder pigs, hay and forages, and complete feeds more than offset lower prices for diesel fuel, gasoline, nitrogen fertilizers, and feed concentrates.

**Feed:** At 97, the feed index was 1.0 percent more than December but 17 percent less than last January. Since December, higher prices for hay and forages and complete feeds more than offset lower prices for feed concentrates and supplements.

**Livestock and Poultry:** The index for livestock and poultry purchases, at 90, was 5.9 percent higher than than last month but 4.3 percent below last year. Since December, prices were higher for feeder cattle, feeder pigs, and dairy cows. The feeder cattle and calf price, at \$75.50 per cwt, was up \$3.80 from December.

**Fertilizer:** The fertilizer index, at 105, was down 1.9 percent from December and 8.7 percent less than January a year ago. Since December, prices were lower for nitrogen fertilizers, potash and phosphate materials, and mixed fertilizers.

**Agricultural Chemicals:** At 122, the chemical index was unchanged from last month but 0.8 percent less than January 1998. Slightly lower prices in January for insecticides were offset by slightly higher prices for herbicides.

**Fuels:** The fuels index, at 62, was down 14 percent from a month earlier and 37 percent below January 1998. Compared to last month, prices were lower for diesel fuel, gasoline, and LP gas.

**Farm Machinery:** The January farm machinery index was 133, unchanged from December but 2.3 percent above last January. Since December, slightly lower prices for other machinery offset slightly higher prices for self-propelled machinery.

**Consumer Price Index:** The December 1998 Consumer Price Index for all urban consumers (CPI-U) declined 0.1 percent before seasonal adjustment to a level of 163.9 (1982-84=100). This compares to the November index of 164.0. For the 12-month period ending in December, the overall index has increased 1.6 percent.

Index Numbers of Prices Paid by Farmers and Related Parity Ratios  
United States, January 1999 With Comparisons

Indexes and Ratios	: 1910-14 = 100			: 1990-92 = 100			
	: 1998			: 1999			
	: Jan	: Dec	: Jan	: Jan	: Dec	: Jan	
Prices Paid by Farmers for	:						
Commodities & Services,	:						
Interest, Taxes, & Wage	:						
Rates (PPITW)	:	1561	*1511	1522	117	*113	114
Production	:	1122	*1064	1072	116	110	111
Feed	:	573	*469	470	117	*96	97
Livestock and Poultry	:	1196	*1090	1148	94	85	90
Seeds	:	1186	1216	1216	120	123	123
Fertilizer	:	421	391	385	115	107	105
Agricultural Chemicals	:	758	*753	752	123	*122	122
Fuels	:	764	*553	478	99	*72	62
Supplies & Repairs	:	836	*849	849	118	120	120
Autos & Trucks	:	3169	*3173	3186	119	*119	120
Farm Machinery	:	3265	*3336	3336	130	133	133
Building Material	:	1600	*1602	1602	118	118	118
Farm Services & Rent	:	1422	1418	1446			
Farm Services	:				116	116	116
Rent	:				124	124	130
Interest 1/	:	2702	*2701	2783	108	108	111
Taxes 2/	:	3185	3185	3276	119	119	122
Wage Rates	:	4917	4911	4911	131	131	131
Production, Interest, Taxes,	:						
& Wage Rates (PITW)	:	1566	*1500	1515	117	112	113
Family Living-CPI 3/	:	1535	*1557	1557	120	122	122
Ratio (Received\Paid)	:				88	*88	86
Parity Ratio 4/	:	42	41	41			
Parity Ratio Adjusted 5/	:	45	*44	43			
PPITW Adjusted for	:						
Productivity 6/	:	1049	*1042	1041			
Crop Sector (PPITW)	:				119	118	119
Livestock Sector (PPITW)	:				115	*109	110
Farm Sector (Production)	:				109	96	98
Non-Farm Sector (Production)	:				119	*116	117

\* Revised.

- 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), for the previous month converted by the USDA.
- 4/ Ratio of index of prices received to PPITW (1910-14=100).
- 5/ Based on estimated cash receipts, from marketings and government payments, the preliminary adjustment factor is 1.057 for 1999 and the revised factor is 1.065 for 1998.
- 6/ PPITW is adjusted based on productivity trend for the prior 15 years.

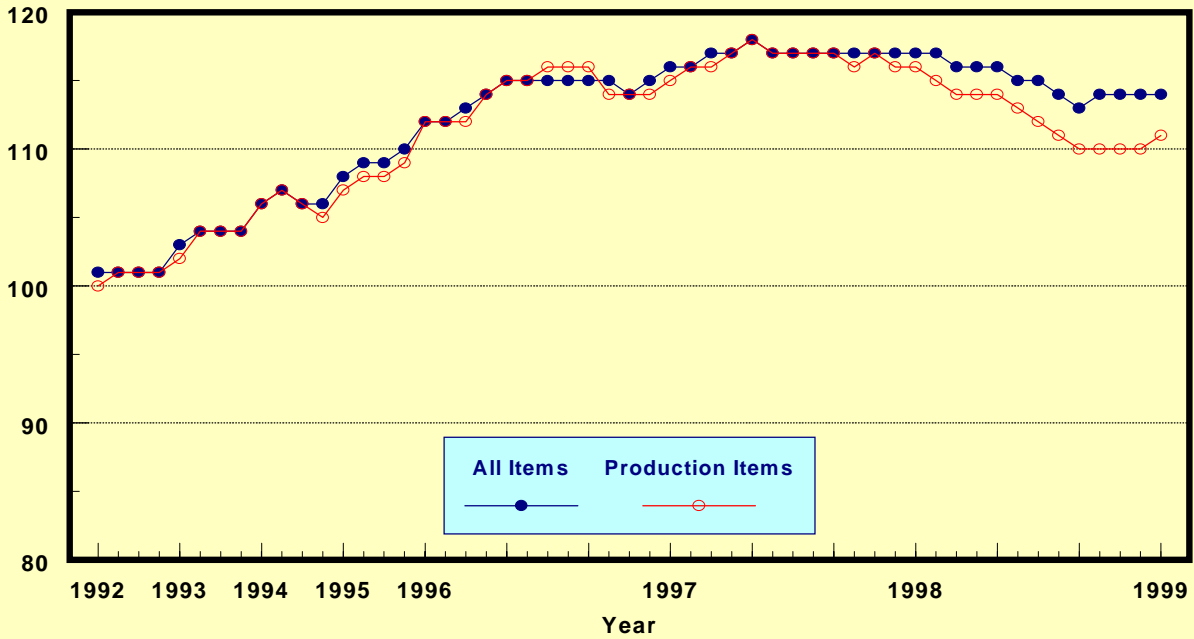
Prices Paid Indexes and Annual Weights for Selected Production  
Input Sub-Components United States, January 1999 With Comparisons

Index	Relative Weights		Input Indexes		
	5-Year Moving Average		1998	1999	
	1998	1999	Jan	Dec	Jan
	---- Percent ---		----- (1990-92=100) -----		
Production Items	67.0	67.4	116	110	111
Feed	11.6	11.6	117	*96	96
Feed Grains	2.1	2.1	109	*85	85
Complete Feeds	5.1	5.1	119	*104	106
Hay/Forages	1.3	1.3	127	103	104
Concentrates	1.8	1.8	119	*96	94
Supplements	1.3	1.3	114	*74	74
Livestock & Poultry	7.5	7.2	94	85	90
Feeder Cattle	5.9	5.6	95	85	89
Feeder Pigs	0.6	0.6	68	*55	62
Milk Cow Replacements	0.6	0.6	95	105	111
Poultry	0.4	0.4	106	106	106
Seeds	2.8	2.8	120	123	123
Field Crops	2.5	2.6	119	123	123
Grasses/Legumes	0.3	0.2	130	123	123
Fertilizer	4.8	4.9	115	107	105
Mixed Fertilizer	2.1	2.1	117	114	114
Nitrogen	2.0	2.0	114	95	92
Potash & Phosphate	0.7	0.8	112	*116	115
Agricultural Chemicals	3.7	3.8	123	*122	122
Herbicides	2.4	2.4	120	119	120
Insecticides	0.8	0.9	135	*134	132
Fungicides/Other	0.5	0.5	117	114	114
Fuels	2.7	2.7	99	*72	62
Diesel	1.4	1.4	92	*66	56
Gasoline	1.0	1.0	108	*79	68
LP Gas	0.3	0.3	101	*77	73
Farm Supplies & Repairs	5.4	5.6	118	120	120
Supplies	1.8	1.9	114	115	115
Repairs	3.6	3.7	120	122	122
Autos & Trucks	1.4	1.4	119	*119	120
Autos	0.2	0.2	114	113	114
Trucks	1.2	1.2	120	*120	121
Farm Machinery	4.1	4.0	130	133	133
Tractors	0.9	0.9	129	131	131
Self-Propelled	1.6	1.6	129	*133	133
Other Machinery	1.6	1.5	132	134	134
Building Materials	2.7	2.8	118	118	118
Farm Services	12.2	12.4	116	116	116
Custom Rates	1.3	1.3	115	117	117
Other Services	10.9	11.1	116	115	116
Rent	8.1	8.2	124	124	130
Cash	3.6	3.7	140	140	141
Share	4.5	4.5	111	111	121

\* Revised.

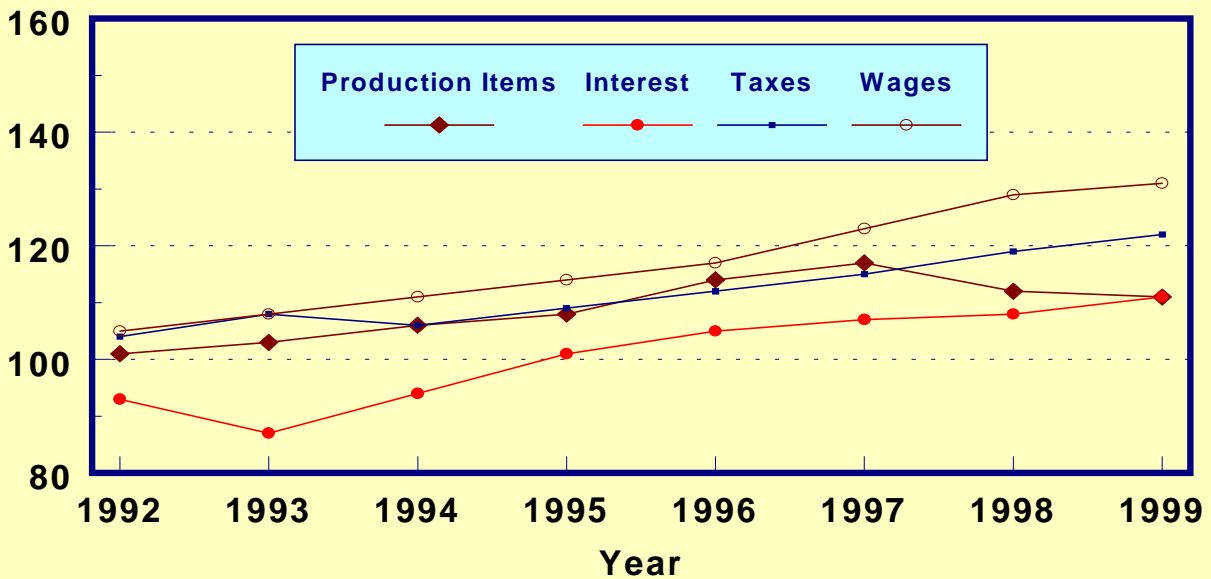
## Prices Paid by Farmers, Major Indexes US, by Quarter and Month 1/

Percent (1990-92=100)



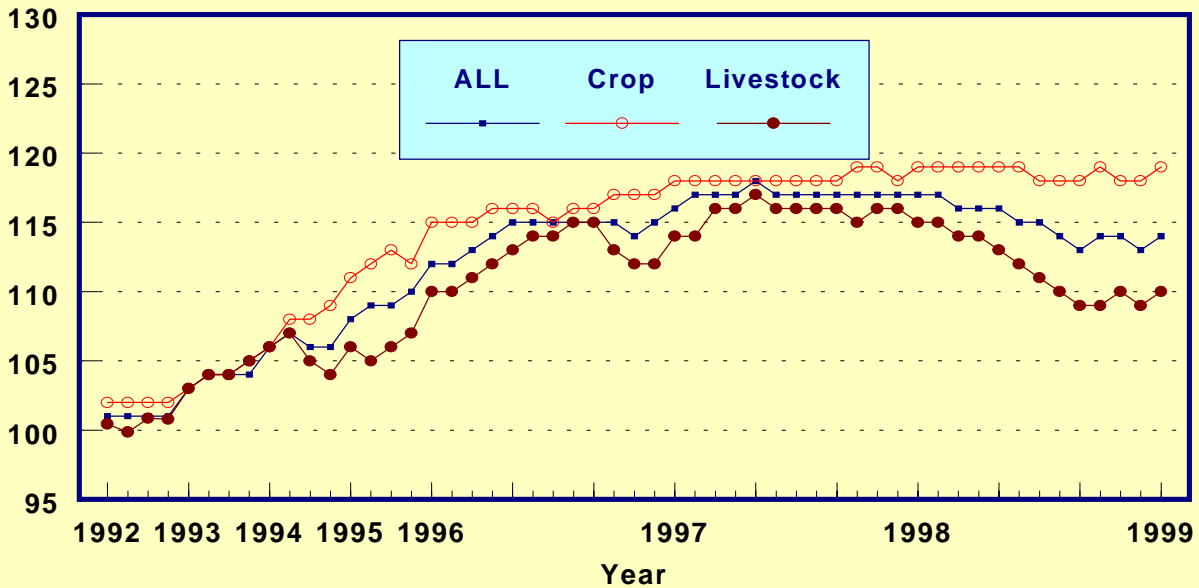
## Prices Paid by Farmers, Major Indexes US, Annual Averages 1/

Percent (1990-92=100)



# Prices Paid by Farmers, Indexes, All Items US, By Farm Type 1/

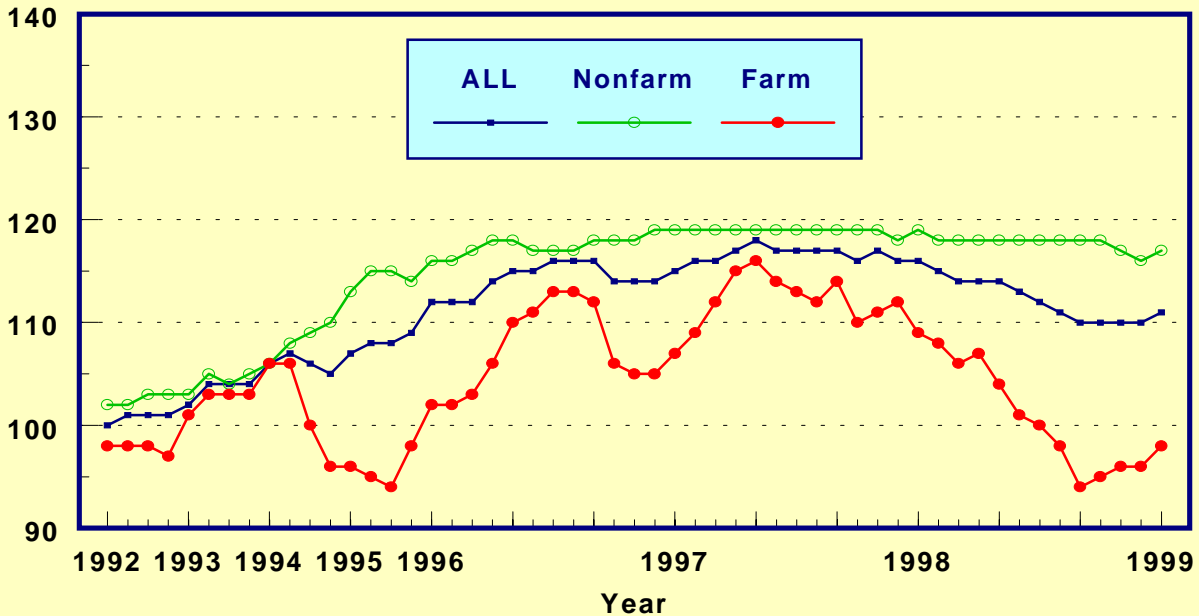
Percent (1990-92=100)



1/ Index values are monthly beginning in 1996.

# Prices Paid by Farmers, Indexes, All Production Items US, By Sector Origin 1/

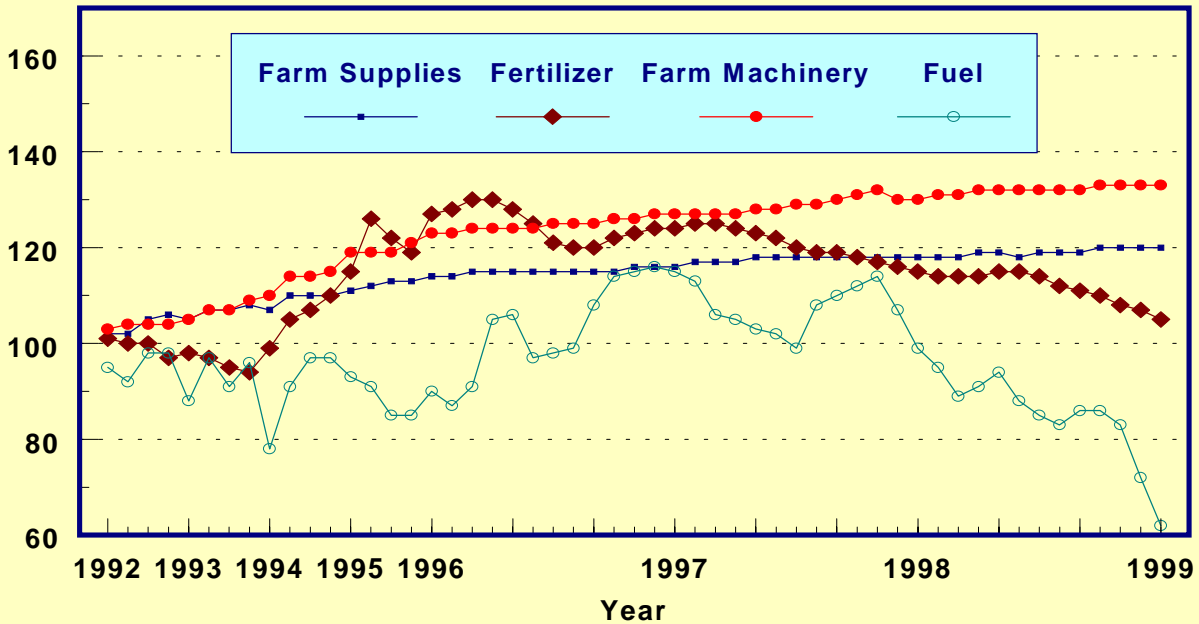
Percent (1990-92=100)



1/ Index values are monthly beginning in 1996.

# Prices Paid by Farmers, Selected Production Indexes US, By Non-Farm Sector 1/

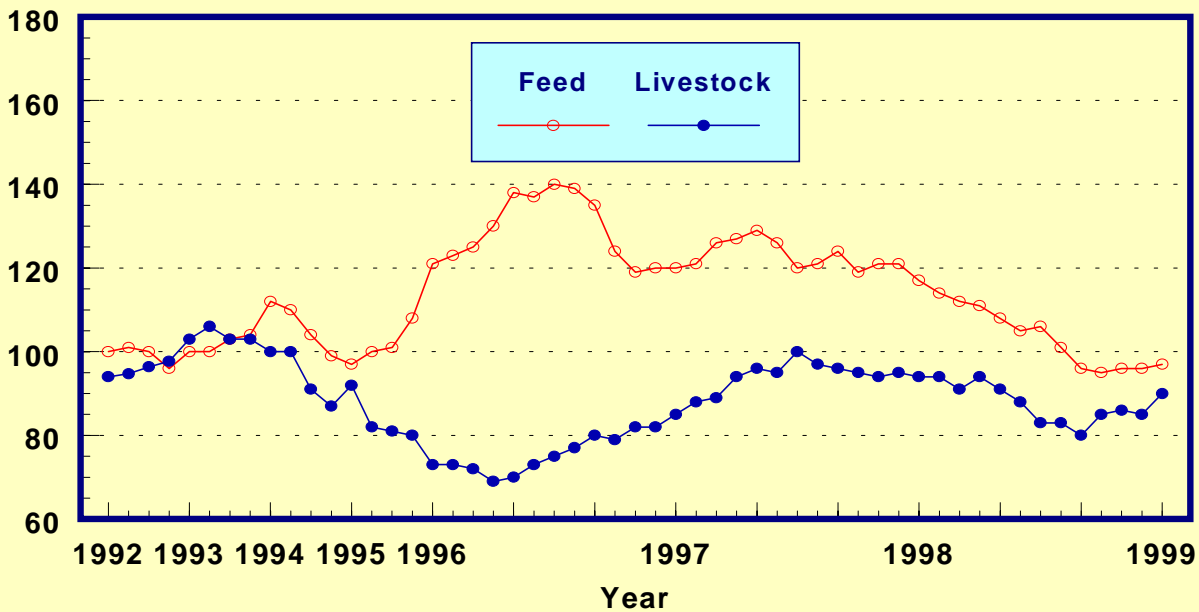
Percent (1990-92=100)



1/ Index values are monthly beginning in 1996.

# Prices Paid by Farmers, Selected Production Indexes US, By Farm Sector 1/

Percent (1990-92=100)



1/ Index values are monthly beginning in 1996.

Feed Price Ratios: United States, January 1999 With Comparisons

Feed Price Ratio 1/	1998		1999
	Jan	Dec	Jan
Broiler-Feed: Pounds of Broiler Grower equal in value to 1 pound of broiler, live weight	4.5	*6.7	6.6
Market Egg Feed: Pounds of Laying Feed equal in value to 1 dozen eggs	10.1	*12.8	12.0
Hog-Corn: Bushels of Corn equal in value to	14.1	*7.3	12.8
Milk-Feed: Pounds of 16% Mixed Dairy Feed equal in value to 1 pound of Whole Milk	*2.77	*4.27	4.22
Steer & Heifer-Corn: Bushels of Corn equal in value to 100 pounds of Steer & Heifers, live weight	25.8	*30.0	31.0
Turkey-Feed: Pounds of Turkey Grower equal in value to 1 pound of Turkey, live weight	5.4	*7.7	6.6

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

\* Revised.

Prices Used to Calculate Feed Price Ratios  
United States, January 1999 With Comparisons

Commodity	Unit	1998		1999
		Jan	Dec	Jan
Broilers, Live	Lb	.331	.390	.379
Eggs, Market	Doz	*.625	.629	.582
Hogs, All	Cwt	36.00	14.70	25.70
Milk, All	Cwt	14.70	*18.00	17.70
Steers and Heifers	Cwt	66.10	60.30	62.40
Turkeys, Live	Lb	.355	.411	.348
Corn	Bu	2.56	*2.01	2.01
Hay, Alfalfa, Baled	Ton	102.00	81.40	81.40
Soybeans	Bu	6.69	*5.37	5.22
Wheat, All	Bu	3.32	*2.87	2.86

\* Revised.

Feeder Livestock and Poultry: Prices Paid, With Comparisons  
United States, January 1999

ITEM	:	Unit	1998		1999
			Jan	Dec	Jan
			Dollars		
Feeders and Stockers	:	:			
Cattle and Calves	:	Cwt	*80.50	71.70	75.50

Feeder Pigs: Prices Paid, Major States, November 1998 1/

State	:	Dollars Per Cwt	:	:	State	:	Dollars Per Cwt
GA	:	35.00	:	:	MO	:	36.00
IL	:	42.50	:	:	NE	:	46.00
IN	:	48.00	:	:	NC	:	35.00
IA	:	52.00	:	:	OH	:	50.00
KS	:	33.50	:	:	PA	:	25.00
KY	:	22.00	:	:	SD	:	37.00
MI	:	53.00	:	:	WI	:	48.00
MN	:	63.00	:	:		:	

1/ Based on survey data reported by producers for entire month, except Kentucky where administrative data were used.



Grazing Fee Rates for Cattle by Selected States and Regions

State	Survey Average Rates 1/					
	Animal Unit 2/		Cow-Calf		Per Head	
	1997	1998	1997	1998	1997	1998
	Dollars per Month					
AZ	6.50	6.70	8.50	9.50	7.90	8.30
CA	10.60	11.50	13.00	14.50	12.00	12.90
CO	11.30	11.80	13.60	13.90	10.60	11.50
ID	10.40	10.80	12.50	12.80	11.20	11.50
KS	10.50	12.90	12.80	14.80	9.80	11.90
MT	12.30	12.60	13.90	14.30	13.20	13.30
NE	18.80	19.00	22.20	23.00	18.50	19.00
NV	9.00	9.10	12.00	12.00	9.50	9.70
NM	8.79	8.80	10.30	9.75	9.00	9.70
ND	9.30	10.20	11.00	11.40	10.00	11.10
OK	8.00	9.00	8.70	9.50	7.50	8.00
OR	10.20	11.10	11.50	12.80	9.85	11.40
SD	14.00	14.20	16.40	16.50	14.40	14.80
TX	9.00	9.00	10.00	9.50	8.00	9.00
UT	9.00	10.00	11.10	11.30	11.00	11.10
WA	9.00	10.00	9.60	10.50	9.30	10.50
WY	12.00	11.90	14.00	13.80	12.20	12.30
17-State 3/	11.00	11.40	12.70	13.00	10.80	11.60
16-State 4/	11.70	12.30	13.70	14.30	11.80	12.50
11-State 5/	10.70	11.10	12.60	13.00	11.30	11.80
9-State 6/	11.00	11.50	12.80	13.00	10.60	11.40

- 1/ The average rates are estimates (rates over \$10.00 are rounded to the nearest dime) based on survey indications of monthly lease rates for private, non-irrigated grazing land from the January Agricultural Survey.
- 2/ Includes animal unit plus cow-calf rates. Cow-calf rate converted to animal unit (AUM) using (1 aum=cow-calf \*0.833).
- 3/ Seventeen State: All States.
- 4/ Sixteen State: All States except Texas.
- 5/ Eleven State: AZ, CA, CO, ID, MT, NV, NM, OR, UT, WA, WY.
- 6/ Nine State: CO, KS, NE, NM, ND, OK, SD, TX, WY.

Prices Paid Indexes: Quarterly and Annual Average  
United States, 1995-99

Year:	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
:	:	:	:	:	:	:	:	:	:	:	:	:	: 1/
Commodities and Services, Interest, Taxes, and Wage Rates (PPITW)													
1910-14 = 100													
1995	:1442	1441	1444	1445	1444	1448	1450	1451	1454	1459	1465	1477	1452
1996	:1496	1497	1504	1517	1528	1527	1530	1532	1535	1527	1524	1527	1520
1997	:1545	1550	1557	1563	1568	1562	1555	1556	1562	1560	1562	1558	1558
1998	:1561	1555	1546	1549	1543	1536	1528	1519	1507	1517	1516	1511	1532
1999	:1522												
1990-92 = 100													
1995	: 108	108	108	109	108	109	109	109	109	110	110	111	109
1996	: 112	112	113	114	115	115	115	115	115	115	114	115	114
1997	: 116	116	117	117	118	117	117	117	117	117	117	117	117
1998	: 117	117	116	116	116	115	115	114	113	114	114	113	115
1999	: 114												
Items Used for Production, Interest, Taxes, and Wage Rates (PITW)													
1910-14 = 100													
1995	:1445	1442	1445	1445	1443	1448	1450	1451	1454	1459	1466	1481	1453
1996	:1502	1503	1510	1524	1537	1536	1538	1541	1543	1533	1528	1531	1527
1997	:1552	1557	1565	1572	1578	1571	1562	1562	1569	1565	1568	1564	1566
1998	:1566	1559	1548	1550	1543	1534	1524	1512	1497	1508	1507	1500	1529
1999	:1515												
1990-92 = 100													
1995	: 108	107	108	108	107	108	108	108	108	109	109	110	108
1996	: 112	112	112	113	114	114	115	115	115	114	114	114	114
1997	: 116	116	116	117	117	117	116	116	117	117	117	116	117
1998	: 117	116	115	115	115	114	113	113	111	112	112	112	114
1999	: 113												

1/ Simple average and is year-to-date for current year.

Prices Paid Indexes: Quarterly and Annual Average  
United States, 1995-99

Year:	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
-----													
	Items Used for Production												
	1910-14 = 100												
1995	1040	1038	1040	1045	1044	1048	1045	1045	1048	1055	1061	1075	1049
1996	1083	1083	1090	1104	1116	1115	1121	1123	1125	1109	1105	1107	1107
1997	1119	1124	1130	1139	1144	1138	1133	1133	1140	1128	1131	1127	1132
1998	1122	1115	1105	1110	1103	1095	1090	1080	1067	1071	1069	1064	1091
1999	1073												
	1990-92 = 100												
1995	107	107	107	108	108	108	108	108	108	109	109	111	108
1996	112	112	112	114	115	115	116	116	116	114	114	114	114
1997	115	116	116	117	118	117	117	117	117	116	117	116	117
1998	116	115	114	114	114	113	112	111	110	110	110	110	112
1999	111												
	Feed												
	1910-14 = 100												
1995	472	466	475	488	482	484	493	501	508	528	552	579	502
1996	593	599	609	638	673	670	683	678	660	604	583	584	631
1997	587	592	617	622	631	613	586	589	605	582	589	590	600
1998	573	558	546	544	526	514	518	493	467	462	468	469	511
1999	470												
	1990-92 = 100												
1995	97	95	97	100	99	99	101	103	104	108	113	119	103
1996	121	123	125	131	138	137	140	139	135	124	119	120	129
1997	120	121	126	127	129	126	120	121	124	119	121	121	123
1998	117	114	112	111	108	105	106	101	96	95	96	96	105
1999	96												

1/ Simple average and is year-to-date for current year.

Prices Paid Indexes: Quarterly and Annual Average  
United States, 1995-99

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
-----													
	Livestock and Poultry												
	1910-14 = 100												
1995	1170	1125	1073	1050	1025	1055	1029	1022	1016	1017	985	1006	1048
1996	938	928	916	876	888	929	954	989	1019	1009	1043	1047	961
1997	1088	1130	1139	1205	1226	1220	1282	1242	1231	1209	1198	1218	1199
1998	1196	1206	1167	1199	1169	1121	1059	1064	1017	1091	1097	1090	1123
1999	1148												
	1990-92 = 100												
1995	92	88	84	82	80	83	81	80	79	80	77	79	82
1996	73	73	72	69	70	73	75	77	80	79	82	82	75
1997	85	88	89	94	96	95	100	97	96	95	94	95	94
1998	94	94	91	94	91	88	83	83	80	85	86	85	88
1999	90												
	Seeds												
	1910-14 = 100												
1995	1092	1092	1092	1087	1087	1087	1087	1087	1087	1087	1087	1087	1088
1996	1087	1087	1087	1161	1161	1161	1161	1161	1161	1161	1161	1161	1142
1997	1161	1161	1161	1186	1186	1186	1186	1186	1186	1186	1186	1186	1179
1998	1186	1186	1186	1216	1216	1216	1216	1216	1216	1216	1216	1216	1208
1999	1216												
	1990-92 = 100												
1995	110	110	110	110	110	110	110	110	110	110	110	110	110
1996	110	110	110	117	117	117	117	117	117	117	117	117	115
1997	117	117	117	120	120	120	120	120	120	120	120	120	119
1998	120	120	120	123	123	123	123	123	123	123	123	123	122
1999	123												

1/ Simple average and is year-to-date for current year.

Prices Paid Indexes: Quarterly and Annual Average  
United States, 1995-99

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
-----													
	Fertilizer												
	1910-14 = 100												
1995	420	432	442	462	462	459	448	435	434	436	445	452	444
1996	466	471	478	476	468	457	444	440	441	448	449	455	458
1997	455	457	457	455	453	445	439	438	436	431	428	423	443
1998	421	420	416	416	420	421	418	411	406	402	396	391	412
1999	385												
	1990-92 = 100												
1995	115	118	121	126	126	125	122	119	118	119	121	123	121
1996	127	128	130	130	128	125	121	120	120	122	123	124	125
1997	124	125	125	124	123	122	120	119	119	118	117	116	121
1998	115	114	114	114	115	115	114	112	111	110	108	107	112
1999	105												
	Agricultural Chemicals												
	1910-14 = 100												
1995	707	713	711	710	710	713	715	717	720	721	723	726	716
1996	732	734	736	734	729	730	724	732	741	739	739	741	734
1997	743	729	730	738	740	739	737	737	743	748	753	753	741
1998	758	753	753	753	750	753	752	757	756	759	754	753	754
1999	752												
	1990-92 = 100												
1995	114	115	115	115	115	115	116	116	116	117	117	117	116
1996	118	119	119	119	118	118	117	118	120	120	120	120	119
1997	120	118	118	119	120	120	119	119	120	121	122	122	120
1998	123	122	122	122	121	122	122	122	122	123	122	122	122
1999	122												

1/ Simple average and is year-to-date for current year.

Prices Paid Indexes: Quarterly and Annual Average  
United States, 1995-99

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
-----													
	Fuels												
	1910-14 = 100												
1995	714	714	729	706	725	705	659	661	672	660	649	660	688
1996	691	668	706	810	819	752	757	767	833	882	887	900	789
1997	891	876	814	807	797	789	767	830	850	867	877	822	832
1998	764	732	690	699	726	677	659	638	662	663	640	553	675
1999	478												
	1990-92 = 100												
1995	93	92	94	91	94	91	85	86	87	85	84	86	89
1996	90	87	91	105	106	97	98	99	108	114	115	117	102
1997	115	113	106	105	103	102	99	108	110	112	114	107	108
1998	99	95	89	91	94	88	85	83	86	86	83	72	87
1999	62												
	Farm Supplies and Repairs												
	1910-14 = 100												
1995	787	790	792	795	798	798	800	800	800	805	805	806	798
1996	810	811	813	817	814	815	815	818	818	820	821	820	816
1997	825	829	831	834	837	836	838	837	838	837	839	838	835
1998	836	837	838	841	841	841	842	846	845	850	850	849	843
1999	849												
	1990-92 = 100												
1995	111	111	112	112	112	112	113	113	113	113	113	114	112
1996	114	114	115	115	115	115	115	115	115	115	116	116	115
1997	116	117	117	117	118	118	118	118	118	118	118	118	118
1998	118	118	118	119	119	118	119	119	119	120	120	120	119
1999	120												

1/ Simple average and is year-to-date for current year.

Prices Paid Indexes: Quarterly and Annual Average  
United States, 1995-99

Year:	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
:	:	:	:	:	:	:	:	:	:	:	:	:	1/
-----													
:	Autos and Trucks												
:	1910-14 = 100												
:													
1995	:3025	3031	3035	3045	3050	3051	3045	3041	3055	3077	3085	3100	3053
1996	:3114	3118	3111	3120	3119	3120	3115	3109	3117	3135	3166	3166	3126
1997	:3175	3188	3186	3180	3164	3154	3148	3135	3134	3152	3158	3160	3161
1998	:3169	3170	3170	3171	3147	3125	3133	3138	3133	3133	3160	3173	3152
1999	:3186												
:													
:	1990-92 = 100												
:													
1995	: 114	114	114	114	115	115	115	114	115	116	116	117	115
1996	: 117	117	117	117	117	117	117	117	117	118	119	119	118
1997	: 119	120	120	120	119	119	118	118	118	119	119	119	119
1998	: 119	119	119	119	118	118	118	118	118	118	119	119	119
1999	: 120												
:													
:	Farm Machinery												
:	1910-14 = 100												
:													
1995	:2977	2978	2980	2986	2991	2995	2998	3002	3012	3039	3072	3073	3009
1996	:3092	3096	3100	3111	3113	3114	3129	3135	3142	3161	3169	3176	3128
1997	:3181	3185	3188	3196	3208	3216	3225	3237	3250	3295	3304	3257	3228
1998	:3265	3278	3290	3300	3301	3300	3301	3303	3303	3339	3337	3336	3304
1999	:3336												
:													
:	1990-92 = 100												
:													
1995	: 119	119	119	119	119	119	119	120	120	121	122	123	120
1996	: 123	123	124	124	124	124	125	125	125	126	126	127	125
1997	: 127	127	127	127	128	128	129	129	130	131	132	130	129
1998	: 130	131	131	132	132	132	132	132	132	133	133	133	132
1999	: 133												

1/ Simple average and is year-to-date for current year.

Prices Paid Indexes: Quarterly and Annual Average  
United States, 1995-99

Year:	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
-----													
:	Building Materials												
:	1910-14 = 100												
:													
1995	:1536	1541	1549	1554	1554	1552	1559	1562	1564	1560	1555	1553	1553
1996	:1551	1552	1554	1558	1569	1574	1571	1575	1583	1577	1584	1582	1569
1997	:1585	1593	1598	1605	1609	1607	1609	1608	1605	1600	1602	1602	1602
1998	:1600	1604	1602	1607	1607	1604	1607	1610	1609	1604	1602	1602	1605
1999	:1602												
:	1990-92 = 100												
:													
1995	: 113	113	114	114	114	114	115	115	115	115	114	114	114
1996	: 114	114	114	115	115	116	116	116	116	116	117	116	115
1997	: 117	117	118	118	118	118	118	118	118	118	118	118	118
1998	: 118	118	118	118	118	118	118	119	118	118	118	118	118
1999	: 118												
:	Farm Services and Rent 2/												
:	1910-14 = 100												
:													
1995	:1361	1364	1369	1369	1374	1384	1385	1387	1386	1381	1377	1375	1376
1996	:1393	1392	1392	1390	1390	1396	1401	1401	1401	1395	1390	1390	1394
1997	:1408	1408	1409	1407	1409	1419	1420	1419	1421	1410	1410	1407	1412
1998	:1422	1420	1420	1419	1421	1430	1434	1431	1429	1423	1418	1418	1424
1999	:1446												

1/ Simple average and is year-to-date for current year.

2/ For the 1990-92=100 period, the Farm Services and Rent Index is separated.



Prices Paid Indexes: Quarterly and Annual Average  
United States, 1995-99

Year:	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
:	:	:	:	:	:	:	:	:	:	:	:	:	: 1/
Farm Services													
1990-92 = 100													
1995	113	114	114	114	115	117	117	117	117	116	115	115	115
1996	116	115	116	115	115	116	117	117	117	116	115	115	116
1997	116	116	116	116	116	117	118	117	118	116	116	116	117
1998	116	116	116	116	116	117	118	117	117	116	116	116	116
1999	116												
Rent													
1990-92 = 100													
1995	116	116	116	116	116	116	116	116	116	116	116	116	116
1996	119	119	119	119	119	119	119	119	119	119	119	119	119
1997	121	121	121	121	121	121	121	121	121	121	121	121	121
1998	124	124	124	124	124	124	124	124	124	124	124	124	124
1999	130												
Interest													
1910-14 = 100													
1995	2524	2524	2524	2524	2524	2524	2524	2524	2524	2524	2524	2524	2524
1996	2643	2643	2643	2643	2643	2643	2643	2643	2643	2643	2643	2643	2643
1997	2679	2679	2679	2679	2679	2679	2679	2679	2679	2679	2679	2679	2679
1998	2702	2702	2702	2702	2702	2702	2702	2702	2702	2702	2702	2701	2702
1999	2783												
1990-92 = 100													
1995	101	101	101	101	101	101	101	101	101	101	101	101	101
1996	105	105	105	105	105	105	105	105	105	105	105	105	105
1997	107	107	107	107	107	107	107	107	107	107	107	107	107
1998	108	108	108	108	108	108	108	108	108	108	108	108	108
1999	111												

1/ Simple average and is year-to-date for current year.

Prices Paid Indexes: Quarterly and Annual Average  
United States, 1995-99

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
													1/
Taxes													
1910-14 = 100													
1995	2915	2915	2915	2915	2915	2915	2915	2915	2915	2915	2915	2915	2915
1996	3001	3001	3001	3001	3001	3001	3001	3001	3001	3001	3001	3001	3001
1997	3093	3093	3093	3093	3093	3093	3093	3093	3093	3093	3093	3093	3093
1998	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185	3185
1999	3276												
1990-92 = 100													
1995	109	109	109	109	109	109	109	109	109	109	109	109	109
1996	112	112	112	112	112	112	112	112	112	112	112	112	112
1997	115	115	115	115	115	115	115	115	115	115	115	115	115
1998	119	119	119	119	119	119	119	119	119	119	119	119	119
1999	122												
Wage Rates													
1910-14 = 100													
1995	4349	4349	4349	4161	4161	4161	4349	4349	4349	4252	4252	4252	4278
1996	4452	4452	4452	4368	4368	4368	4232	4232	4232	4504	4504	4504	4389
1997	4652	4652	4652	4549	4549	4549	4446	4446	4446	4723	4723	4723	4593
1998	4917	4917	4917	4846	4846	4846	4678	4678	4678	4911	4911	4911	4838
1999	4911												
1990-92 = 100													
1995	116	116	116	111	111	111	116	116	116	114	114	114	114
1996	119	119	119	117	117	117	113	113	113	120	120	120	117
1997	124	124	124	122	122	122	119	119	119	126	126	126	123
1998	131	131	131	130	130	130	125	125	125	131	131	131	129
1999	131												

1/ Simple average and is year-to-date for current year.

Prices Paid Indexes: Quarterly and Annual Average  
United States, 1995-99

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
													1/
-----													
	Family Living												
	1910-14 = 100												
1995	1428	1433	1438	1443	1446	1448	1448	1452	1455	1460	1459	1458	1447
1996	1466	1471	1479	1484	1487	1488	1491	1494	1499	1503	1506	1506	1490
1997	1511	1516	1520	1522	1521	1522	1524	1527	1531	1535	1534	1532	1525
1998	1535	1538	1541	1543	1546	1548	1550	1552	1554	1558	1558	1557	1548
1999	1557												
	-----												
	1990-92 = 100												
1995	111	112	112	113	113	113	113	113	114	114	114	114	113
1996	115	115	116	116	116	116	116	117	117	117	118	118	116
1997	118	118	119	119	119	119	119	119	120	120	120	120	119
1998	120	120	120	121	121	121	121	121	121	122	122	122	121
1999	122												
	-----												
	Production Items With Farm Origin 2/												
	1990-92 = 100												
1995	96	94	94	95	93	94	94	95	96	98	99	103	96
1996	102	102	103	106	110	111	113	113	112	106	105	105	107
1997	107	109	112	115	116	114	113	112	114	110	111	112	112
1998	109	108	106	107	104	101	100	98	94	95	96	96	101
1999	98												
	-----												
	Production Items With Non-Farm Origin 3/												
	1990-92 = 100												
1995	113	113	114	115	115	115	115	114	114	114	115	115	114
1996	116	116	117	118	118	117	117	117	118	118	118	119	117
1997	119	119	119	119	119	119	119	119	119	119	119	118	119
1998	119	118	118	118	118	118	118	118	118	118	117	116	118
1999	117												

1/ Simple average and is year-to-date for current year.

2/ Feed, livestock and poultry purchases, and seed.

3/ Fertilizer, agricultural chemicals, fuels, farm supplies and repairs, autos and trucks, farm machinery, building materials, and farm services and rent.

Prices Paid Indexes: Quarterly and Annual Average  
United States, 1995-99

Year:	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
:	:	:	:	:	:	:	:	:	:	:	:	:	: 1/
Crop Sector (PPITW)													
1990-92 = 100													
1995	111	112	112	112	112	112	113	112	113	112	113	113	112
1996	115	115	115	116	116	116	115	116	116	117	117	117	116
1997	118	118	118	118	118	118	118	118	118	119	119	118	118
1998	119	119	119	119	119	119	118	118	118	119	118	118	119
1999	119												
Livestock Sector (PPITW)													
1990-92 = 100													
1995	106	105	105	105	105	106	106	106	106	107	108	109	106
1996	110	110	111	112	114	114	114	115	115	113	112	113	113
1997	114	114	115	116	117	116	116	116	116	115	116	116	116
1998	115	115	114	114	113	112	111	110	109	109	110	109	112
1999	110												
Commodities and Services, Interest, Taxes, and Wage Rates													
Adjusted for Productivity													
1910-14 = 100													
1995	978	979	980	969	970	971	983	984	985	980	981	984	979
1996	1011	1012	1014	1012	1015	1015	1007	1008	1009	1026	1025	1026	1015
1997	1026	1028	1030	1025	1025	1025	1017	1018	1019	1037	1037	1036	1027
1998	1049	1048	1047	1042	1043	1042	1030	1028	1026	1043	1043	1042	1040
1999	1041												

1/ Simple average and is year-to-date for current year.

Prices Paid Indexes: Quarterly and Annual Average  
United States, 1995-99

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
-----													
	Parity Ratio 2/												
	1910-14 = 100												
1995	43	43	43	44	44	44	45	45	46	46	46	47	45
1996	46	45	46	45	46	49	49	49	48	47	46	45	47
1997	44	43	44	43	44	44	44	44	43	44	44	43	44
1998	42	41	42	43	43	42	42	42	42	42	42	41	42
1999	41												
-----													
	Adjusted Parity Ratio 3/												
	1910-14 = 100												
1995	45	45	45	45	46	46	46	47	47	47	48	48	46
1996	48	47	48	47	48	51	51	50	50	48	47	47	49
1997	46	45	46	45	45	45	45	46	45	45	45	44	45
1998	45	44	45	45	45	45	45	45	45	44	44	44	45
1999	43												
-----													
	Ratio												
	1990-92 = 100												
1995	91	91	92	91	93	92	94	94	96	95	96	97	94
1996	96	95	96	95	97	103	103	102	101	97	96	94	98
1997	92	91	92	91	92	91	91	91	91	91	91	90	91
1998	88	86	88	90	89	89	89	89	88	87	88	88	88
1999	86												

- 1/ Simple average and is year-to-date for current year.  
2/ Ratio of index of prices received by farmers to index of prices paid for commodities and services, interest, taxes, and wage rates.  
3/ Ratio of the index of prices received by farmers after adjustment for government payments to the index of prices paid for commodities and services, interest, taxes, and wage rates.

Prices Paid Index Sub-Components: Quarterly and Annual Average  
United States, 1995-99

Year:	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
:	:	:	:	:	:	:	:	:	:	:	:	:	: 1/
Feed Sub-Components													
Feed Grains													
1990-92 = 100													
1995 :	93	95	98	100	103	109	114	113	116	121	125	134	110
1996 :	135	146	152	167	179	178	185	178	150	122	113	111	151
1997 :	114	113	118	118	114	109	104	107	107	108	107	107	111
1998 :	109	109	108	102	100	98	94	82	78	81	82	85	94
1999 :	85												
Complete Feeds													
1990-92 = 100													
1995 :	98	97	98	97	96	97	99	101	102	106	111	116	101
1996 :	121	121	122	125	132	133	134	134	136	128	122	122	128
1997 :	121	122	125	126	128	127	124	123	125	122	122	122	124
1998 :	119	115	114	115	111	111	112	110	103	101	103	104	110
1999 :	106												
Hay and Forages													
1990-92 = 100													
1995 :	108	107	108	111	113	105	105	104	103	103	103	102	106
1996 :	103	103	105	114	123	120	120	118	117	116	117	117	114
1997 :	126	131	135	137	142	134	123	124	125	129	128	125	130
1998 :	127	124	125	126	128	117	114	116	112	110	106	103	117
1999 :	104												
Concentrates													
1990-92 = 100													
1995 :	89	85	87	96	90	90	89	95	97	102	110	114	95
1996 :	119	115	115	120	121	117	121	124	132	118	116	118	120
1997 :	117	120	130	135	146	140	137	138	151	124	135	136	134
1998 :	119	119	108	110	108	110	118	106	102	98	99	96	108
1999 :	94												

1/ Simple average and is year-to-date for current year.

Prices Paid Index Sub-Components: Quarterly and Annual Average  
United States, 1995-99

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
-----													
	Supplements												
	1990-92 = 100												
1995	98	93	99	108	102	97	102	102	104	110	114	129	105
1996	123	124	124	125	133	134	138	137	131	126	127	128	129
1997	126	125	131	127	121	117	106	105	108	109	110	113	116
1998	114	105	101	100	86	78	78	76	70	72	74	74	86
1999	74												
-----													
	Livestock and Poultry Sub-Components												
	Feeder Cattle												
	1990-92 = 100												
1995	93	88	83	79	76	79	79	78	78	77	74	76	80
1996	70	68	66	62	64	69	71	73	75	72	75	75	70
1997	80	84	84	89	92	92	98	95	95	94	94	96	91
1998	95	95	92	95	92	87	81	82	78	85	86	85	88
1999	89												
	Feeder Pigs												
	1990-92 = 100												
1995	61	61	61	84	84	84	60	60	60	73	73	73	70
1996	67	73	80	78	73	67	64	86	90	105	111	112	84
1997	112	118	121	136	128	119	119	109	97	87	81	77	109
1998	68	81	68	70	72	70	65	62	55	55	53	55	65
1999	62												
	Milk Cow Replacements												
	1990-92 = 100												
1995	102	102	102	101	101	101	100	100	100	97	97	97	100
1996	94	94	94	95	95	95	97	97	97	100	100	100	96
1997	97	97	97	98	98	98	98	98	98	97	97	97	97
1998	95	95	95	98	98	98	99	99	99	105	105	105	99
1999	111												

1/ Simple average and is year-to-date for current year.

Prices Paid Index Sub-Components: Quarterly and Annual Average  
United States, 1995-99

Year:	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
:	:	:	:	:	:	:	:	:	:	:	:	:	: 1/
Poultry													
1990-92 = 100													
1995	100	100	100	100	100	100	100	100	100	100	100	100	100
1996	100	100	100	100	100	100	100	100	100	100	100	100	100
1997	100	100	100	106	106	106	106	106	106	106	106	106	105
1998	106	106	106	106	106	106	106	106	106	106	106	106	106
1999	106												
Seeds Sub-Components													
Field Crops													
1990-92 = 100													
1995	110	110	110	109	109	109	109	109	109	109	109	109	109
1996	109	109	109	117	117	117	117	117	117	117	117	117	115
1997	117	117	117	119	119	119	119	119	119	119	119	119	118
1998	119	119	119	123	123	123	123	123	123	123	123	123	122
1999	123												
Grasses and Legumes													
1990-92 = 100													
1995	114	114	114	119	119	119	119	119	119	119	119	119	118
1996	119	119	119	120	120	120	120	120	120	120	120	120	120
1997	120	120	120	130	130	130	130	130	130	130	130	130	128
1998	130	130	130	123	123	123	123	123	123	123	123	123	124
1999	123												
Fertilizer Sub-Components													
Mixed Fertilizer													
1990-92 = 100													
1995	102	104	106	116	117	117	117	117	117	117	118	118	114
1996	121	123	124	126	125	125	123	122	122	121	120	119	123
1997	119	119	119	118	118	118	118	117	118	117	117	116	118
1998	117	117	117	117	116	117	117	117	117	115	115	114	116
1999	114												

1/ Simple average and is year-to-date for current year.



Prices Paid Index Sub-Components: Quarterly and Annual Average  
United States, 1995-99

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
-----													
	Nitrogen												
	1990-92 = 100												
1995	130	135	138	143	143	141	135	126	125	126	130	134	134
1996	139	139	143	140	137	131	125	123	124	130	130	135	133
1997	136	137	136	135	133	129	125	125	124	120	119	115	128
1998	114	113	110	111	113	113	110	106	102	101	98	95	107
1999	92												
-----													
	Potash and Phosphate												
	1990-92 = 100												
1995	108	111	115	107	105	102	101	101	102	103	106	107	106
1996	109	111	113	111	108	107	103	104	105	105	107	107	107
1997	107	108	109	110	110	108	109	110	109	110	111	113	110
1998	112	113	113	114	115	116	116	117	117	118	118	116	115
1999	115												
-----													
	Agricultural Chemicals Sub-Components												
	Herbicides												
	1990-92 = 100												
1995	113	113	113	113	113	114	114	114	115	115	116	116	114
1996	116	117	117	117	116	116	116	117	119	119	119	118	117
1997	117	114	114	116	118	117	117	117	117	118	119	119	117
1998	120	118	117	118	117	117	117	119	119	119	119	119	118
1999	120												
-----													
	Insecticides												
	1990-92 = 100												
1995	117	117	117	121	120	121	121	122	121	122	122	123	120
1996	126	126	128	126	125	125	121	123	126	125	125	127	125
1997	130	129	129	129	130	130	128	128	132	132	133	132	130
1998	135	136	136	136	136	137	137	135	134	139	136	134	136
1999	132												

1/ Simple average and is year-to-date for current year.

Prices Paid Index Sub-Components: Quarterly and Annual Average  
United States, 1995-99

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
													1/
Fungicides and Other 1990-92 = 100													
1995	116	121	121	115	114	115	115	114	115	115	115	115	116
1996	115	115	115	115	115	115	115	115	116	114	115	115	115
1997	116	116	117	118	113	114	115	115	115	116	117	117	116
1998	117	118	118	117	118	118	118	118	118	114	114	114	117
1999	114												
Fuels Sub-Components													
Diesel 1990-92 = 100													
1995	87	85	88	87	89	84	79	82	85	85	86	86	85
1996	88	84	88	105	104	92	94	95	108	116	112	112	100
1997	108	109	100	100	97	95	91	99	99	106	109	99	101
1998	92	89	83	84	85	76	75	75	82	79	78	66	80
1999	56												
Gasoline 1990-92 = 100													
1995	97	97	99	96	101	99	92	90	90	85	79	83	92
1996	89	86	94	105	111	106	104	103	106	107	112	112	103
1997	114	113	111	111	114	113	113	122	127	122	119	116	116
1998	108	103	98	100	108	106	103	95	94	98	91	79	99
1999	68												
LP Gas 1990-92 = 100													
1995	106	111	109	97	97	100	93	88	88	90	90	91	97
1996	99	102	102	106	100	98	100	107	117	126	136	152	112
1997	153	138	115	107	99	103	98	102	108	113	115	111	114
1998	101	98	92	92	94	86	83	82	79	81	82	77	87
1999	73												

1/ Simple average and is year-to-date for current year.

Prices Paid Index Sub-Components: Quarterly and Annual Average  
United States, 1995-99

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
													1/
Farm Supplies & Repairs Sub-Components													
Supplies													
1990-92 = 100													
1995	108	109	109	109	110	110	110	110	110	112	112	112	110
1996	112	113	113	113	113	113	113	113	113	113	113	113	113
1997	114	114	114	114	115	115	115	115	115	114	114	114	114
1998	114	114	115	115	115	115	116	116	115	116	115	115	115
1999	115												
Repairs													
1990-92 = 100													
1995	112	112	113	113	114	114	114	114	114	114	114	114	114
1996	115	115	115	116	116	116	116	116	116	117	117	117	116
1997	118	118	118	119	119	119	120	120	120	120	120	120	119
1998	120	120	120	120	120	120	120	121	121	122	122	122	121
1999	122												
Autos and Trucks Sub-Components													
Autos													
1990-92 = 100													
1995	111	111	111	112	112	111	111	110	110	111	112	113	111
1996	113	113	113	113	113	113	113	113	113	113	114	114	113
1997	114	114	114	114	114	113	113	112	112	113	113	113	113
1998	114	113	113	113	113	112	112	112	112	112	113	113	113
1999	114												
Trucks													
1990-92 = 100													
1995	114	114	115	115	115	115	115	115	116	116	117	117	115
1996	118	118	118	118	118	118	118	118	118	119	120	120	118
1997	120	121	121	120	120	119	119	119	119	119	120	120	120
1998	120	120	120	120	119	118	119	119	119	119	120	120	119
1999	121												

1/ Simple average and is year-to-date for current year.

Prices Paid Index Sub-Components: Quarterly and Annual Average  
United States, 1995-99

Year:	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
:	:	:	:	:	:	:	:	:	:	:	:	:	: 1/
Farm Machinery Sub-Components													
Tractors													
1990-92 = 100													
1995	116	116	116	117	117	117	117	117	117	118	119	119	117
1996	120	120	119	119	120	120	120	121	122	122	123	124	121
1997	124	125	125	125	126	126	126	126	126	129	129	129	126
1998	129	129	130	130	130	130	130	130	130	131	131	131	130
1999	131												
Self Propelled													
1990-92 = 100													
1995	122	122	122	121	122	122	122	122	122	124	126	126	123
1996	127	127	127	128	127	127	128	128	127	128	128	128	128
1997	128	127	127	127	127	128	129	129	130	132	132	129	129
1998	129	130	130	131	131	131	131	131	131	133	133	133	131
1999	133												
Other Machinery													
1990-92 = 100													
1995	116	116	117	118	118	118	119	119	119	120	121	121	119
1996	121	122	122	123	123	123	124	125	125	126	127	127	124
1997	127	128	129	129	130	130	130	131	131	132	132	132	130
1998	132	132	133	133	133	133	133	133	134	134	134	134	133
1999	134												
Farm Services Sub-Components													
Custom Rates													
1990-92 = 100													
1995	111	111	111	111	111	111	111	111	111	111	111	111	111
1996	113	113	113	113	113	113	113	113	113	113	113	113	113
1997	115	115	115	115	115	115	115	115	115	115	115	115	115
1998	115	115	115	115	115	115	117	117	117	117	117	117	116
1999	117												

1/ Simple average and is year-to-date for current year.

Prices Paid Index Sub-Components: Quarterly and Annual Average  
United States, 1995-99

Year:	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
:	:	:	:	:	:	:	:	:	:	:	:	:	: 1/
-----													
	Other Services												
	1990-92 = 100												
1995	113	114	115	115	116	117	117	118	117	117	116	116	116
1996	116	116	116	116	116	117	117	117	117	116	115	115	116
1997	116	116	116	116	116	118	118	118	118	116	116	116	117
1998	116	116	116	116	116	118	118	118	117	116	115	115	116
1999	116												
-----													
	Rent Sub-Components												
	Cash												
	1990-92 = 100												
1995	123	123	123	123	123	123	123	123	123	123	123	123	123
1996	129	129	129	129	129	129	129	129	129	129	129	129	129
1997	135	135	135	135	135	135	135	135	135	135	135	135	135
1998	140	140	140	140	140	140	140	140	140	140	140	140	140
1999	141												
-----													
	Share												
	1990-92 = 100												
1995	110	110	110	110	110	110	110	110	110	110	110	110	110
1996	111	111	111	111	111	111	111	111	111	111	111	111	111
1997	111	111	111	111	111	111	111	111	111	111	111	111	111
1998	111	111	111	111	111	111	111	111	111	111	111	111	111
1999	121												

1/ Simple average and is year-to-date for current year.

Prices Paid Survey Estimates, Month Published and Level

-----		
	1999	Program Schedule 1/
-----		
Survey	Survey and Publication Month	Level of Estimates
-----		
Feed	Apr	Farm Production Regions and US
Feeder Cattle & Calves	Monthly	Selected States 2/
Feeder Pigs	Jan, Apr, Jul, Oct	
Seed	Apr	US
Fertilizer	Apr	Fertilizer Regions and US
Agricultural Chemicals	Apr	US
Fuels	Apr	Farm Production Regions and US
Farm Machinery	Apr	US
Grazing Fees	Jan 3/	States and Regions
-----		

- 1/ Data collection and publication schedule for average prices paid by producers.
- 2/ Feeder pig data relate to Feb, May, Aug, and Nov, and are published in Apr, Jul, Oct, and Jan, respectively. Selected States - Ga, IL, IN, IA, KS, KY, MI, MN, MO, NE, NC, PA, SD, and WI.
- 3/ Survey estimates for previous year.

## Prices Paid by Farmers

**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 April to represent all production input items purchased. The survey reference period for most items is the 5 business days centered around 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 April Prices Paid Survey is summarized as a nonprobability survey. Average prices reported are aggregated to the region and U.S. level using weights available from expenditure data and other administrative sources. Price recommendations are prepared by the State Statistical 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 U.S. 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 in April when separate prices paid surveys are conducted, in lieu of BLS indexes, by the USDA to measure price change.

**Reliability:** Current methods of summarization in April are not designed directly to calculate sampling errors. However, analytical measures approximate the U.S. relative sampling errors for major items around 10 percent. Any nonsampling 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 nonsampling errors.

**Program Change:** Effective January 1, 1995, the National Agricultural Statistics Service updated the weights and changed the construction of its prices paid and received by farmers indexes. A Federal Register Notice dated October 28, 1994 discussed these program modifications.

A 1990-92 reference and base period replaced the 1977 reference and 1971-73 base weight period. Five-year moving average weights replaced the current fixed 1971-73 base period weights. The 1910-14=100 price indexes, required by statute for computing parity prices, were linked forward based on the changes in the new 1990-92=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 (adjusted for seasonal marketing patterns for the prices received indexes).

## Index

### Prices Received

U.S. Prices and Indexes	Page		Page
Narrative.....	A-2	Cows, Beef.....	A-20
Price Indexes.....	A-3	Cows, Milk.....	A-23
Prices Received		Eggs.....	A-22
U.S. Summary.....	A-8-9	Flaxseed.....	A-16
Selected Commodities..	A-14	Fruit, Citrus.....	A-18
Upland Cotton and Rice		Hay.....	A-17
Prices and Marketings.	A-17	All Hogs.....	A-21
Parity Prices.....	A-24-25	Lambs.....	A-22
Reliability Statement...	A-56	Milk.....	A-23
		Oats.....	A-15
		Peanuts.....	A-16
		Potatoes.....	A-19
		Sheep.....	A-22
		Sorghum, Grain.....	A-15
		Soybeans.....	A-15
		Sows.....	A-21
		Sunflower.....	A-16
		Steers and Heifers.....	A-20
		Tobacco.....	A-16
		Turkeys.....	A-22
		Wheat.....	A-14
<b>Monthly State Prices</b>			
Apples.....	A-17		
Barley.....	A-15		
Barrows and Gilts.....	A-21		
Beans, Dry Edible.....	A-16		
Beef Cattle.....	A-20		
Broilers.....	A-22		
Calves.....	A-20		
Corn.....	A-15		
Cotton.....	A-17		
Cottonseed.....	A-17		

### Special Features

<b>Rice:</b> Marketing Year Average Prices Received, U.S., 1996 and 1997 .....	A-26
<b>Rice:</b> Monthly Prices Received, United States, Marketing Years 1995-96 through 1997-98 .....	A-26
<b>Apples:</b> Prices Received, Monthly, July 1991 - December 1998; <b>Peaches</b> , May 1991 - September 1998; <b>Pears</b> , July 1991 - December 1998 .....	A-27
<b>Grapes:</b> Prices Received, Monthly, May 1995 - December 1998; <b>Sweet Potatoes</b> , Market Year Average Prices Received, 1996-98 .....	A-28
<b>Limes:</b> Marketing Year Average and Monthly Prices Received, Florida, Final, 1996-97 and Preliminary 1997-98 .....	A-29
<b>Index of Prices Received</b> , All Groups, Monthly and Annual, 1991-98....	A-48-55

### Parity Prices

Authority for Parity Prices, Method of Computation, and Prices .....	A-30-36
Annual Average Prices Received for Parity Computations, U.S., by Years, 1989-98.....	A-38-47
Parity Price Equivalent for Manufacturing Grade Milk .....	A-37



## Index

### Prices Paid

Page

Narrative .....	B-1
Indexes and Parity Ratios .....	B-2-3
Charts .....	B-4-6
Feed Ratios .....	B-7
Reliability Statement .....	B-31

#### U.S. Average Prices:

Feeder Livestock and Poultry .....	B-8
Commodity Prices Used in Feed Price Ratios .....	B-7

#### State Average Prices

Feeder Pigs .....	B-8
-------------------	-----

#### Special Features:

Grazing Fee Rates for Cattle by Selected States and Regions ..	B-9
Prices Paid Survey Estimates, Month Published and Level .....	B-30
Prices Paid Index Components: 1910-14=100 and 1990-92=100: Monthly and Annual Averages, 1995-99	
PPITW, PITW, Production Items .....	B-10-16
Prices Paid Index Component Items, Interest, Taxes, Wage Rates, Farm and Non Farm Origin, and Ratios .....	B-17-19
Prices Paid Index Sub-Components: Monthly and Annual Averages	B-20-29

## Report Features

Listed below are the commodity specialists in the Estimates Division of the National Agricultural Statistics Service to contact for additional information.

### Crops Branch

**C. Ray Halley**, Chief (202) 720-2127

Field Crops Section

**Roger Latham**, Co-Acting Head (202) 720-5944  
**Charles Van Lahr**, Co-Acting Head (202) 720-5446

**Rhonda Brandt** - Corn, Sorghum, Hay (202) 720-9526  
**Herman Ellison** - Barley, Peanuts, Rice (202) 720-7688  
**Roger Latham** - Cotton (202) 720-5944  
**Mark E. Miller** - Oats (202) 720-7621  
**Jerry Ramirez** - Oilseeds (202) 690-7369  
**Vaughn Siegenthaler** - Wheat (202) 720-8068

Fruit and Vegetable Section

**Dean Groskurth**, Head (202) 720-3843

**Arvin Budge** - Potatoes (202) 720-4285  
**Dave DeWalt** - Citrus (202) 720-5412  
**Howard Hill** - Grapes (202) 720-7235  
**Jeffery Kissel** - Dry Beans, Peaches, Pears (202) 690-0270  
**Biz Wallingsford** - Vegetables, Strawberries (202) 720-2157  
**Debbie Williams** - Apples, Tobacco (202) 720-4288

Commodity Prices Coordinator

**Charles Van Lahr** (202) 720-5446  
**Kirby Cavett** - Prices Received Indexes (202) 690-3237

### Livestock and Economic Branch

**Robert W. Milton**, Chief (202) 720-3570

Livestock Section

**Dan Kerestes**, Head (202) 720-4447

**James Hand** - Sheep, Lambs, Milk (202) 690-3236  
**Greg Matli** - Hogs (202) 720-3106  
**Greg Thessen** - Cattle (202) 720-3040

Poultry and Specialty Commodities Section

**Rick Schuchardt**, Head (202) 720-6351

**Dan Boostrom** - Eggs (202) 720-3244  
**Tom Krutchen** - Broilers, Honey (202) 690-4870  
**John Lange** - Turkeys (202) 720-8784

Farm Inputs Section (Prices Paid)

**Mark Harris**, Head (202) 720-4214

**Kim Nielsen** - Prices Paid Indexes, Feed, Fertilizer, Agricultural Chemicals, Seeds (202) 690-3347

**Jim Williams** - Farm Supplies and Repairs, Farm Machinery, Fuels, Feeder Livestock, Poultry Chicks, Feed Price Ratios, Grazing Fees, Autos & Trucks (202) 690-3225

The next "Agricultural Prices" report will be released at 3:00 p.m. ET on February 26, 1999.

The United States Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, gender, religion, age, disability, political beliefs, sexual orientation, and marital or family status. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (braille, large print, audiotape, etc.) should contact the USDA's TARGET Center at 202-720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, DC, 20250-9410, or call (202) 720-5964 (voice or TDD). USDA is an equal opportunity provider and employer.

---

## ACCESS TO REPORTS!!

---

For your convenience, there are several ways to obtain NASS reports, data products, and services:

### INTERNET ACCESS

All NASS reports are available free of charge on the worldwide Internet. For access, connect to the Internet and go to the NASS Home Page at: <http://www.usda.gov/nass/>. Select "Today's Reports" or Publications and then Reports by Calendar or Publications and then Search, by Title or Subject.

### NEW INTERNET DATA BASE

Now available at the NASS home page is access to our <b>On-line Published Estimates Data Base</b> . Limited commodities are now available for U.S. and State estimates. Data from our five year Historic Bulletins will be available in the data base when publications are released.
---

### E-MAIL SUBSCRIPTION

All NASS reports are available by subscription free of charge direct to your e-mail address. Send an e-mail message to: [usda-reports@usda.mannlib.cornell.edu](mailto:usda-reports@usda.mannlib.cornell.edu). In the body of the message type the word: **list**.

### AUTOFAX ACCESS

NASSFax service is available for some reports from your fax machine. Please call 202-720-2000, using the handset attached to your fax. Respond to the voice prompts. Document 0411 is a list of available reports.

-----

### PRINTED REPORTS OR DATA PRODUCTS

CALL OUR TOLL-FREE ORDER DESK: 800-999-6779 (U.S. and Canada)  
Other areas, please call 703-834-0125      FAX: 703-834-0110  
(Visa, MasterCard, check, or money order acceptable for payment.)

-----

### ASSISTANCE

For **assistance** with general agricultural statistics or further information about NASS or its products or services, contact the **Agricultural Statistics Hotline** at 800-727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: [nass@nass.usda.gov](mailto:nass@nass.usda.gov).

---

# *Size Up Your Future.*

## ***Agricultural Outlook Forum 1999***



For a fresh assessment of agricultural prospects and issues shaping your future, attend the U.S. Department of Agriculture's 75<sup>th</sup> Outlook Forum. Ample time will be available to network with hundreds of experts from agriculture, business, and government.

To get program and registration details, access the Forum web site at [www.usda.gov/oce](http://www.usda.gov/oce), send e-mail to [agforum@oce.usda.gov](mailto:agforum@oce.usda.gov) or call (202) 314-3462. Register today; rates go up after February 1.

- *Farm and Commodity Outlook*
- *Long-term Prospects to 2008*
- *New Risk Management Tools*
- *Price Discovery Issues*
- *Farm Marketing Innovations*
- *Focus on China and Latin America*
- *First Look at the New Ag Census*
- *Impact of Dietary Guidelines and Nutrition Programs*

**February 22-23, 1999**  
**Arlington, Virginia**

# *Agricultural Outlook*



# *Forum 1999*