

Released July 30, 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-31.

## Prices Received Index Drops 4 Points

The All Farm Products Index of Prices Received in July was 94 based on 1990-92=100, down 4 points (4.1 percent) from June. Price decreases from June for corn, wheat, hogs, and cattle more than offset price increases for milk, potatoes, oranges, and asparagus. The seasonal changes in the mix of commodities farmers sell also affect the overall index. Lower seasonal marketings of milk, cantaloupes, oranges, and potatoes more than offset the relatively higher marketings of grapes, wheat, tomatoes, and grain sorghum.

Compared with July 1998, the All Farm Products Index was 8 points (7.8 percent) lower. Price decreases from July 1998 for corn, soybeans, broilers, and wheat more than offset price increases for cattle, turkeys, potatoes, and oranges.

## Prices Paid Index Down 1 Point

The July Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) was 116 percent of the 1990-92 average. The index was down 1 point from June but unchanged from July 1998. Since June, lower prices for feed grains, feeder pigs, hay and forages, nitrogen fertilizers, and feed supplements were partially offset by higher prices for feeder cattle, insecticides, diesel fuel, feed concentrates, and gasoline.

**Index Summary Table**

Index 1990-92=100	1998		1999	
	Jun	Jul	Jun	Jul
Prices Received	102	102	98	94
Prices Paid	117	116	117	116
Ratio 1/	87	88	84	81

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

## Prices Received by Farmers

The July All Farm Products Index was 94 percent of its 1990-92 base, down 4.1 percent from June and down 7.8 percent from July 1998.

**All Crops:** The July index was 93, down 7.0 percent from June and 13 percent below July 1998. From June, sharp price decreases for feed grains and hay, food grains, vegetables, and oilseeds much more than offset price increases for potatoes and dry beans.

**Food Grains:** The July index, at 75, was down 14 percent from the previous month and 16 percent below July 1998. The July all wheat price, at \$2.15 per bushel, was down 35 cents from June and 41 cents below July 1998. This is the lowest price since August 1977.

**Feed Grains & Hay:** The July index was 80, down 12 percent from last month and 21 percent below July 1998. The corn price, at \$1.65 per bushel, was down 32 cents from June and 54 cents below the July 1998 price. This is the lowest corn price since November 1987. The all hay price, at \$78.40 per ton, was down \$3.30 from last month and \$10.20 below July 1998.

**Oil-Bearing Crops:** The July index, at 73, was down 8.8 percent from June and 34 percent below July 1998. This is the lowest the index has been since the index was first calculated for 1975. The soybean price, at \$4.04 per bushel, decreased 40 cents from June and was \$2.10 below July 1998. This was the lowest July price since 1972.

**Fruit and Nuts:** The July fruit and nuts index, at 133, was up 2.3 percent from the previous month and 3.1 percent above July 1998. Increases in the July prices of oranges, lemons, grapefruit, and pears more than offset declines in grape, peach, and strawberry prices.

**Commercial Vegetables:** The July index, at 101, was down 9.0 percent from last month and 15 percent below July 1998. Price decreases during July for tomatoes, cantaloupes, carrots, and broccoli more than offset price increases for asparagus, cucumbers, snap beans, and onions.

**Livestock and Products:** The July index, at 94, was down 1.1 percent from last month and 2.1 percent from July 1998. Compared with a year ago, prices were up for cattle, turkeys, and calves but down for broilers, hogs, all milk, and eggs.

**Meat Animals:** The July index, at 81, was down 3.6 percent from last month but 1.3 percent above a year ago. The July hog price, at \$31.20 per cwt, was down \$3.00 from June and \$5.70 below a year ago. Year to date pork production is 4 percent above last year. The July beef cattle price of \$62.10 was down \$1.60 from last month but \$3.70 above July 1998. July Cattle on feed numbers were up 4 percent from last year.

**Poultry and Eggs:** The July index, at 113, was unchanged from June but 8.1 percent below a year ago. The July broiler price, at 38.1 cents per pound, decreased 0.4 cent from June and was 5.9 cents below a year earlier. Market egg prices increased 2.3 cents to 39.9 cents per dozen. Turkey prices increased 0.3 cent to 41.8 cents per pound. Weekly broiler chick placements during June and July have been running 3-4 percent above a year earlier. Egg production was up 4 percent in June. Cold storage holdings of turkeys on June 30, 1999 were 15 percent lower than a year earlier.

**Dairy Products:** The July index, at 104, was up 4.0 percent from June but down 4.6 percent from July 1998. The July all milk price, at \$13.60 per cwt, was up 50 cents from June but down 60 cents from last year. June milk production was up 3.4 percent from last year. July prices increased for both fluid and manufacturing grade milk. Cheese prices have increased for the past eight weeks.

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

Index	1910-14=100				1990-92=100			
	1998		1999		1998		1999	
	Average:	Jul	Jun	Jul	Jul	Jun	Jul	
All Farm Products	639	645	*620	595	102	98	94	
All Crops	500	526	*495	460	107	*100	93	
Food Grains	325	283	*275	238	89	*87	75	
Feed Grains & Hay	363	361	*325	287	101	*91	80	
Cotton	517	575	*469	464	112	*92	91	
Tobacco 1/	1263	1417			94			
Oil-Bearing Crops	554	606	*437	397	111	80	73	
Fruit & Nuts	716	902	*909	929	129	*130	133	
Commercial Vegetables	698	792	*744	673	119	*111	101	
Potatoes & Dry Beans	540	532	563	627	105	111	124	
Other Crops	493	532	532	532	108	108	108	
Livestock & Products	768	740	728	721	96	95	94	
Meat Animals	1021	808	*852	821	80	*84	81	
Dairy Products	799	873	*805	836	109	*100	104	
Poultry & Eggs	282	346	317	317	123	113	113	
Food Commodities					101	*97	94	

\* Revised.

1/ Missing data indicated insufficient sales to establish a price.

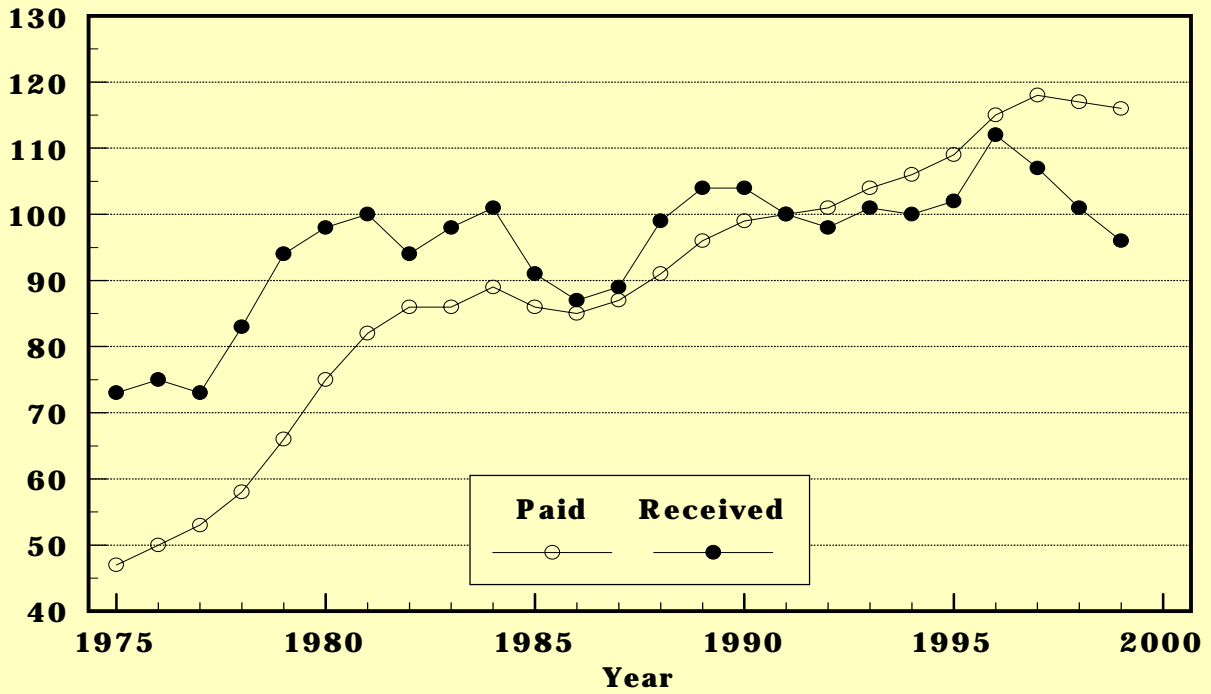
Selected Index Numbers for Prices Received and Paid,  
1990-92=100, by Months, United States, 1998 and 1999

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	97	109	98	95	96	119	116	118	113
Feb	101	96	109	98	94	94	119	116	117	113
Mar	102	96	111	98	95	95	118	116	116	113
Apr	104	96	114	103	95	90	118	116	116	113
May	103	98	112	104	96	93	117	116	116	113
Jun	102	98	107	100	98	95	117	117	115	113
Jul	102	94	107	93	96	94	116	116	115	113
Aug	101		103		99		116		114	
Sep	99		100		98		115		112	
Oct	99		100		98		116		113	
Nov	99		101		97		116		113	
Dec	98		100		97		115		112	

# Farm Prices Received vs Prices Paid

Annual Average Indexes\*

Index Values (1990-92=100)

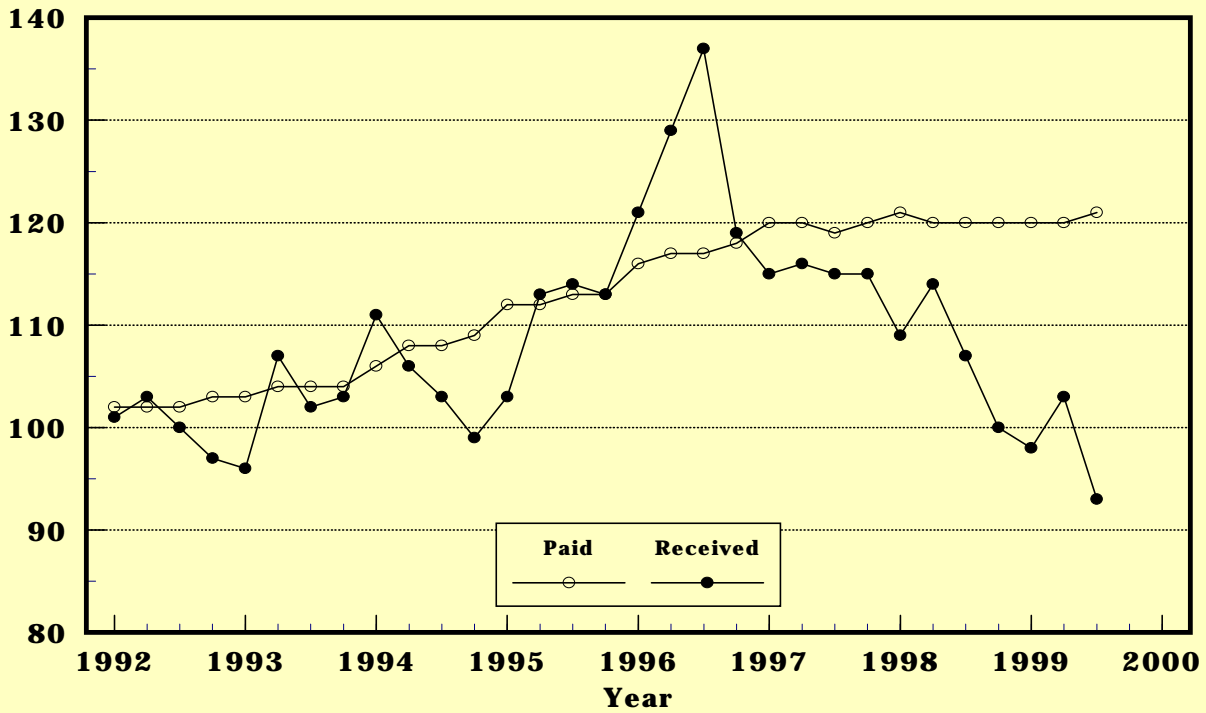


\* Index values for 1999 are year-to-date averages.

# Crop Farm Index: Prices Received and Prices Paid

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

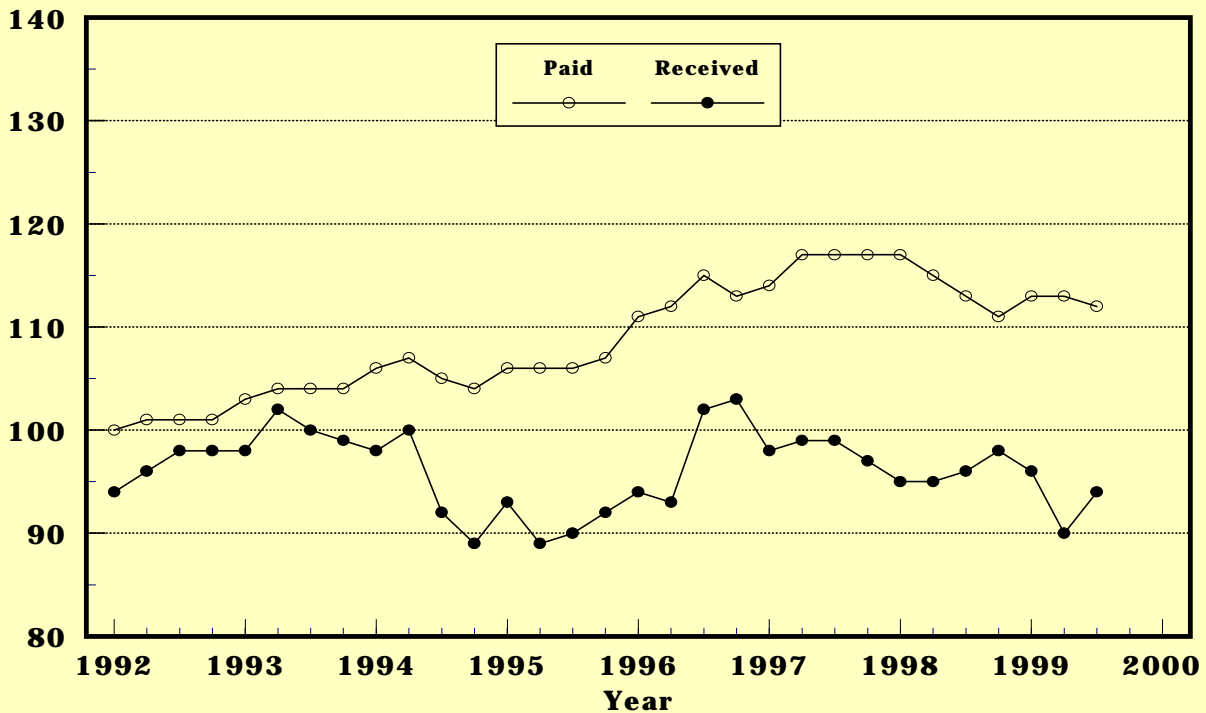
Index Values (1990-92=100)



# Livestock Farm Index: Prices Received and Prices Paid

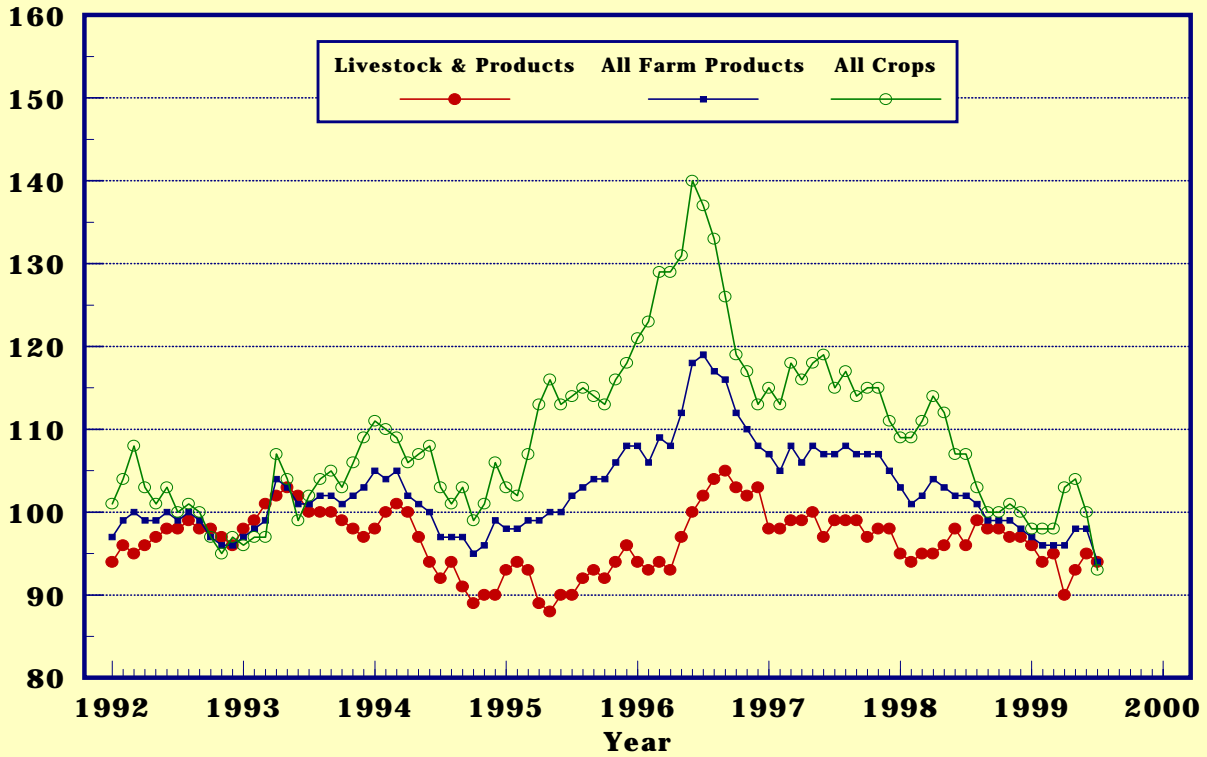
All Items, U.S., 1992-99, By Quarter

Index Values (1990-92=100)



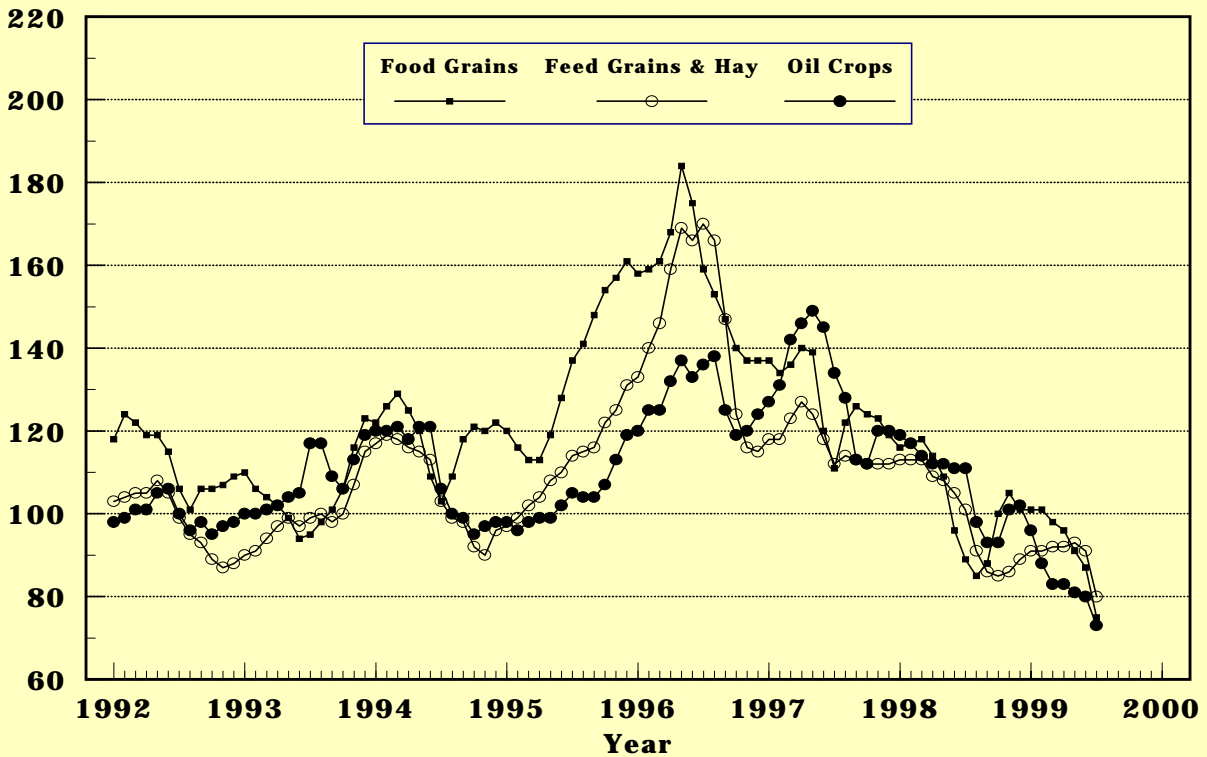
## Prices Received, Major Indexes, US

Index Values(1990-92=100)



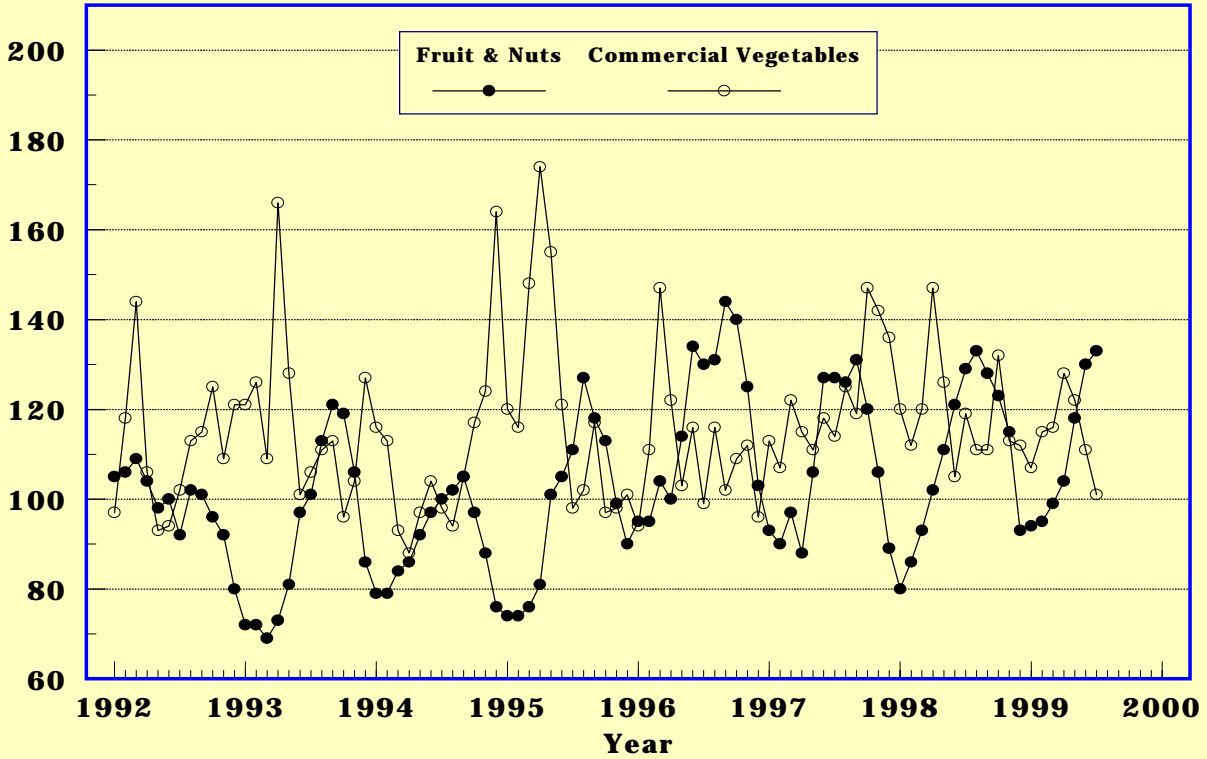
## Prices Received, Food, Feed & Oil Indexes, US

Index Values(1990-92=100)



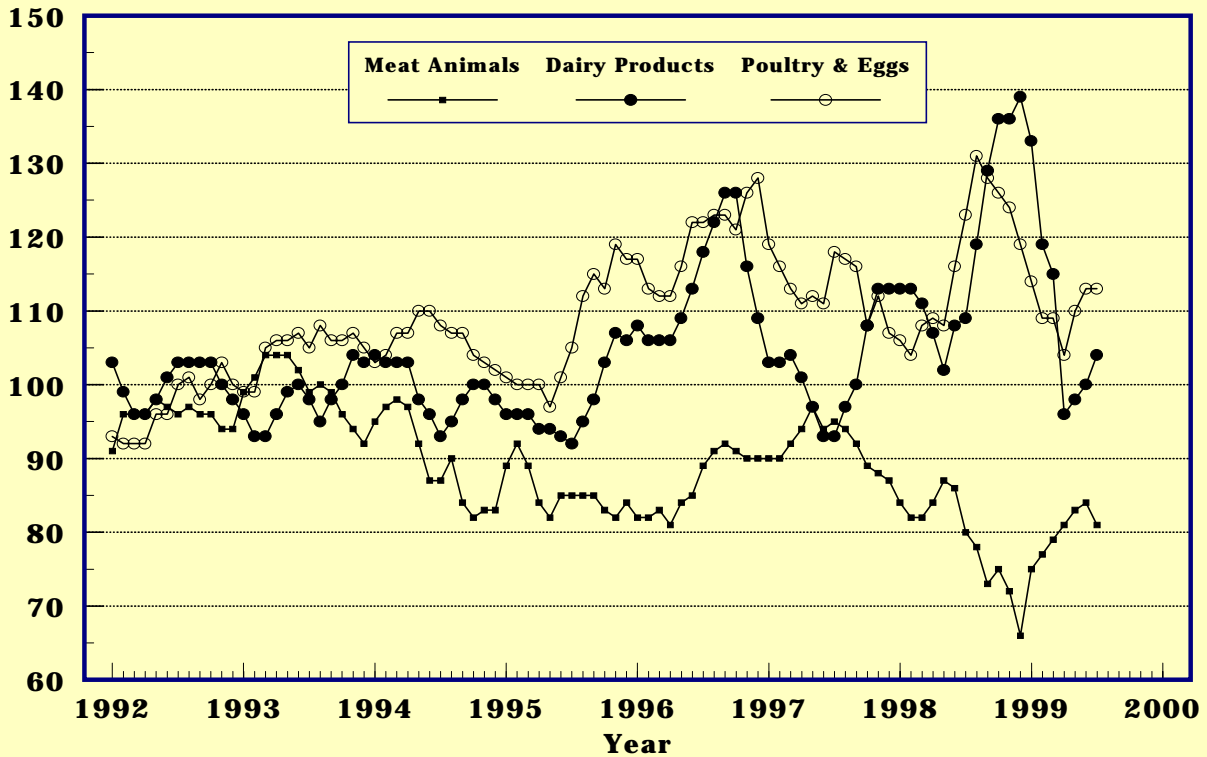
## Prices Received, Fruit/Vegetable Indexes, US

Index Values(1990-92=100)



## Prices Received, Livestock Product Indexes, US

Index Values(1990-92=100)



Prices Received, United States,  
July 1999, with Comparisons

Commodity	Unit	Average 1990-92	Entire Month		Preliminary
			Jul 1998	Jun 1999	Jul 1999
Dollars					
Field Crops					
Barley, All	Bu	2.12	2.01	1.70	1.73
Feed	Bu	1.90	1.62	1.55	1.53
Malting	Bu	2.43	2.27	1.99	2.11
Beans, Dry Edible	Cwt	19.10	21.30	19.50	19.70
Corn	Bu	2.30	2.19	1.97	1.65
Cotton, Upland	Lb	.606	.680	.555	.549
Cottonseed	Ton	96.00			
Flaxseed	Bu	4.27	6.17	4.37	4.40
Hay, All, Baled 1/	Ton	76.30	88.60	81.70	78.40
Alfalfa 1/	Ton	77.20	93.40	85.00	82.00
Other 1/	Ton	60.00	72.70	68.50	65.30
Oats	Bu	1.22	1.19	1.22	1.10
Peanuts, In-Shell	Lb	.304			
Potatoes	Cwt	5.82	6.03	6.58	7.51
Rice, Rough	Cwt	7.07	9.58	8.20	8.16
Sorghum Grain	Cwt	3.75	3.81	2.87	2.60
Soybeans	Bu	5.61	6.14	4.44	4.04
Sunflower 2/	Cwt	9.50	15.80	9.52	9.09
Tobacco	Lb	1.740	1.630		
Wheat, All	Bu	2.96	2.56	2.50	2.15
Winter	Bu	2.93	2.48	2.32	2.07
Durum	Bu	2.86	3.37	2.93	2.87
Other Spring	Bu	3.11	3.08	3.01	2.93
Hard Red Winter	Bu		2.53	2.38	
Soft Red Winter	Bu	2.87	2.33	2.21	
Hard Red Spring	Bu		3.15	3.03	
White	Bu	3.24	2.41	2.68	
Fruit					
Citrus-Equiv on-tree					
Grapefruit	Box	5.77	5.95	8.78	10.67
Lemons	Box	10.10	22.87	8.94	11.45
Limes 3/	Box	10.15	5.67		
Oranges	Box	5.79	6.71	8.78	10.10
Tangelos	Box	5.82			
Tangerines	Box	15.11		-1.18	
Temples	Box	6.23			
Non-citrus					
Apples, Fresh 4/	Lb	.212	.127	.127	.124
Grapes, Fresh 4/	Ton	506.00	580.00	880.00	700.00
Peaches, Fresh 4/	Lb	.216	.276	.376	.316
Pears, Fresh 4/	Ton	370.00	360.00	356.00	469.00
Strawberries, Fresh	Lb	.560	.560	.626	.553

1/ Mid-month price.

2/ KS, MN, ND and SD average.

3/ June and July 1999 prices not published to avoid disclosure of individual firms.

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

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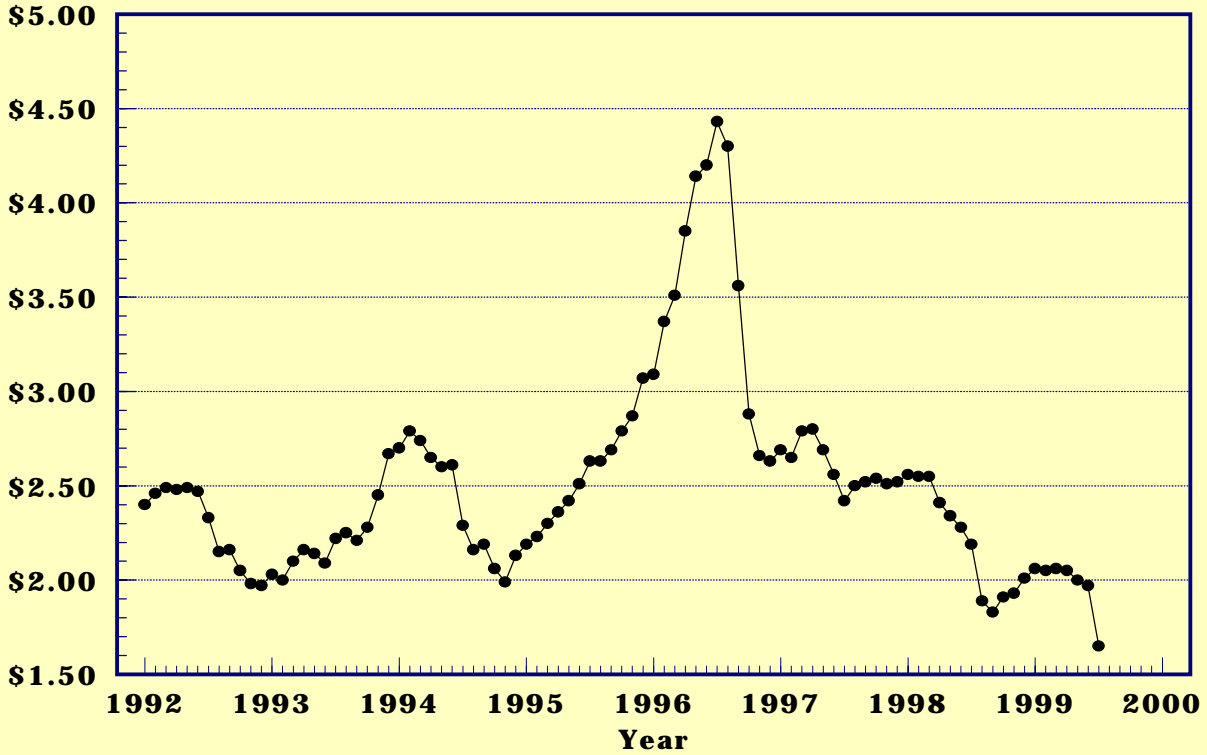
Prices Received, United States,  
July 1999, with Comparisons (continued)

Commodity	Unit	Average 1990-92	Entire Month		Preliminary
			Jul 1998	Jun 1999	Jul 1999
Dollars					
Vegetables, Fresh 1/					
Asparagus	Cwt	79.80	127.00	116.00	175.00
Broccoli	Cwt	22.50	23.30	23.10	18.00
Cantaloupes	Cwt		16.60	15.40	13.70
Carrots	Cwt	13.20	10.60	21.80	15.40
Cauliflower	Cwt	26.80	23.20	25.50	19.30
Celery	Cwt	11.60	10.60	18.30	15.40
Corn, Sweet	Cwt	15.70	16.80	14.90	13.40
Cucumbers 2/	Cwt		20.20	11.60	16.60
Lettuce	Cwt	11.90	15.50	11.40	11.30
Onions	Cwt	12.80	19.10	17.60	18.50
Snap Beans 2/	Cwt		54.60	28.40	46.20
Tomatoes	Cwt	32.30	40.60	33.70	24.90
Livestock					
Calves	Cwt	94.30	76.60	89.00	88.50
Cattle, All Beef	Cwt	72.90	58.40	63.70	62.10
Cows	Cwt	49.60	34.70	36.70	38.20
Steers & Heifers	Cwt	77.10	61.00	66.70	64.60
Milk Cows 3/	Head	1130.00	1120.00		1280.00
Hogs, All	Cwt	47.70	36.90	34.20	31.20
Barrows & Gilts	Cwt	48.40	37.60	34.50	31.80
Sows	Cwt	39.50	26.00	28.30	21.30
Lambs	Cwt	56.20	81.30	81.30	
Sheep	Cwt	23.40	29.40	28.90	
Dairy and Poultry					
Milk, All 4/	Cwt	13.06	14.20	13.10	5/13.60
Fluid Grade	Cwt	13.10	14.20	13.10	5/13.60
Mfg Grade	Cwt	11.80	14.10	11.90	5/13.00
Broilers, Live 6/	Lb	.317	.440	.385	.381
Eggs, All 7/	Doz	.643	.582	.553	.573
Market 7/	Doz	.546	.434	.376	.399
Turkeys, Live 6/7/	Lb	.380	.375	.415	.418
Adjusted for Seasonal Variation					
Eggs, All	Doz	.545	.633	.601	.623
Milk, All 4/	Cwt	9.71	14.64	13.51	14.17

- 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 3.52, fluid milk 3.52, mfg grade 3.59.
- 6/ Liveweight equivalent price.
- 7/ Mid-month price.

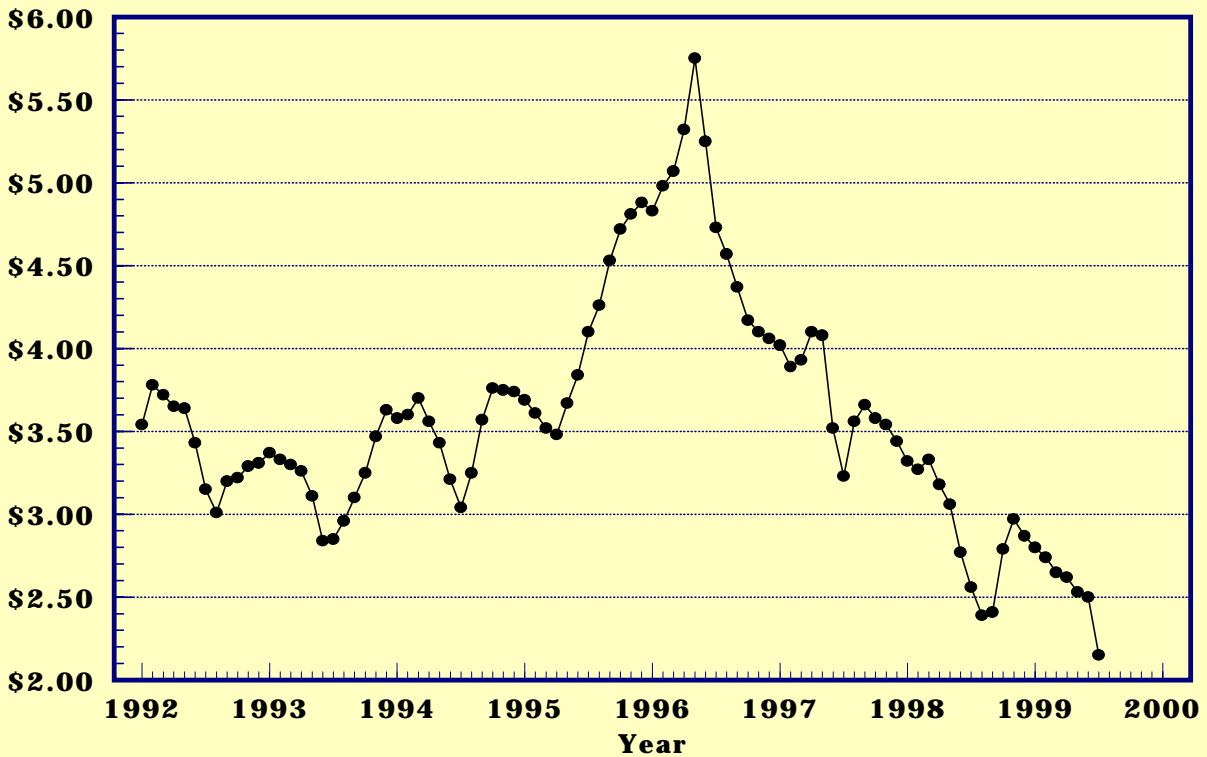
## Prices Received, Corn, US

Dollars per Bu



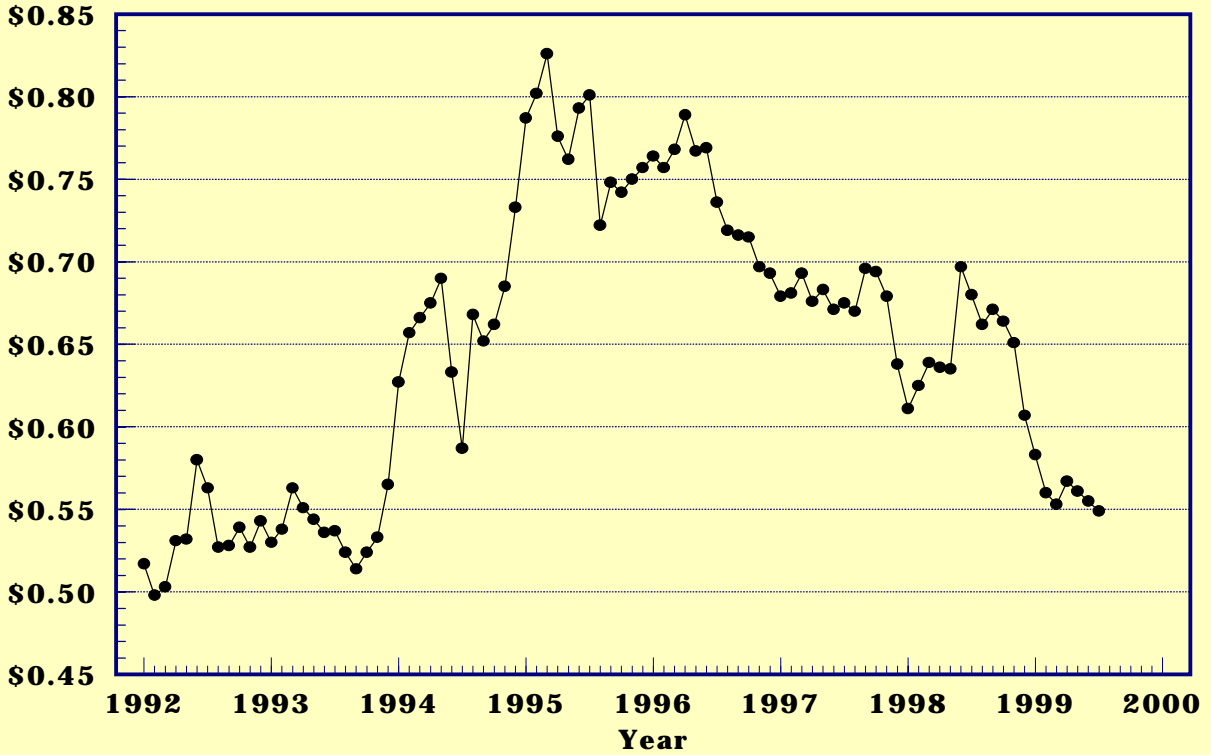
## Prices Received, Wheat, US

Dollars per Bu



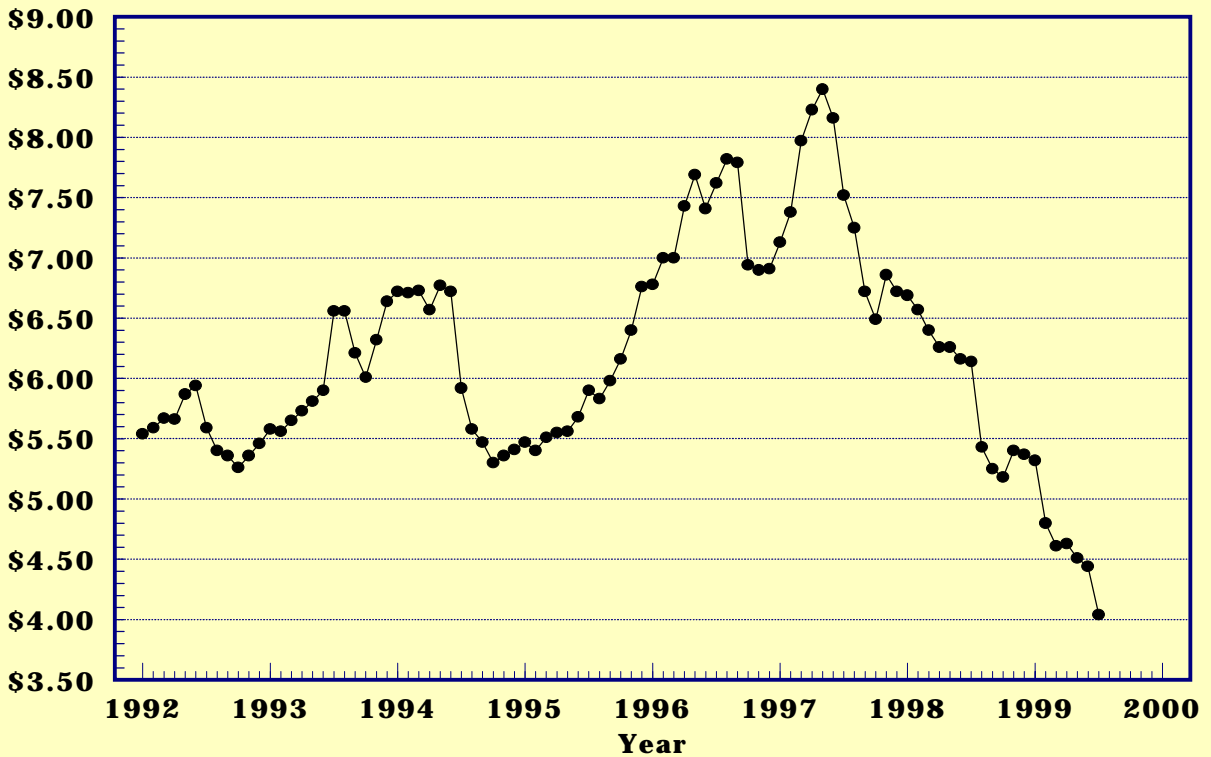
## Prices Received, Cotton, US

Dollars per Lb



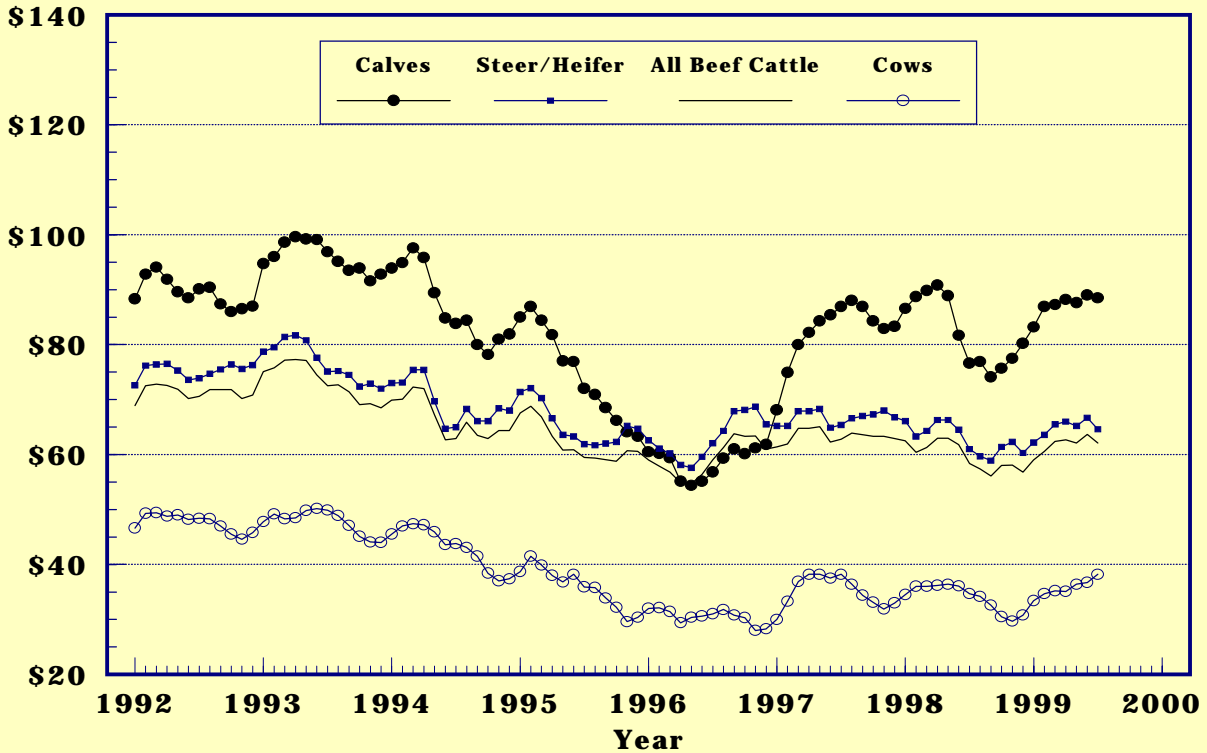
## Prices Received, Soybeans, US

Dollars per Bu



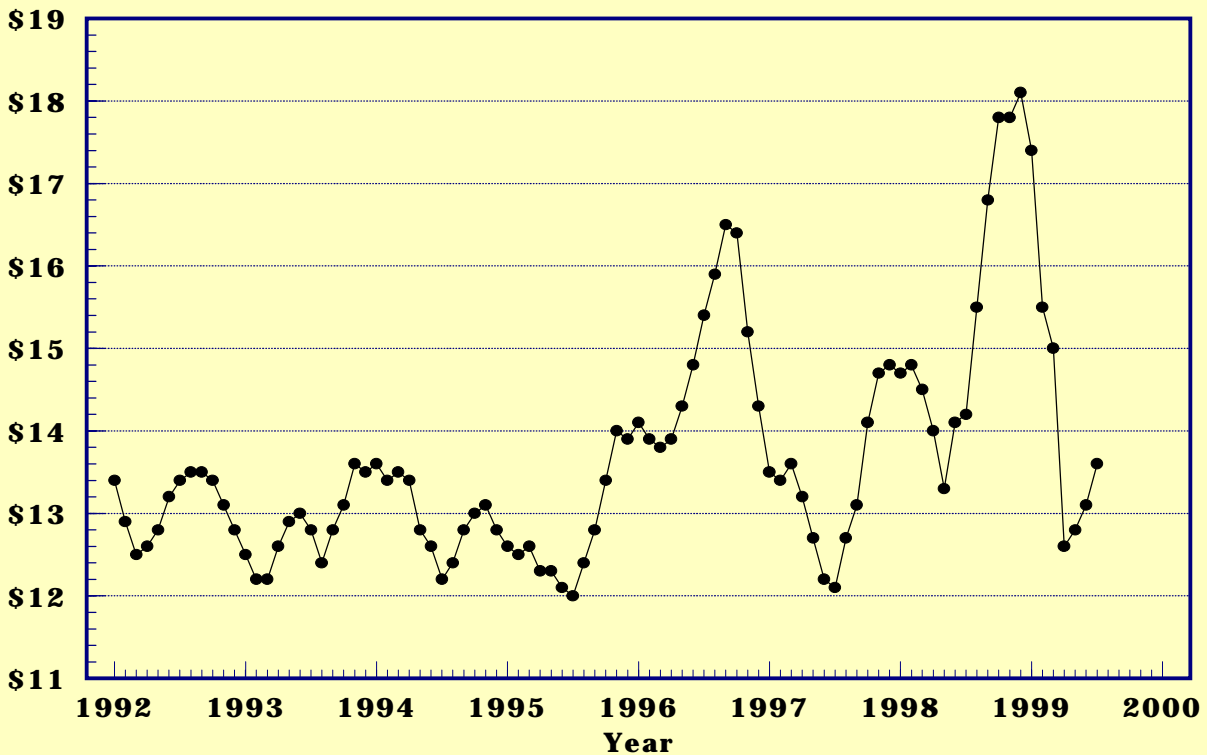
## Prices Received, Cattle, US

Dollars per Cwt



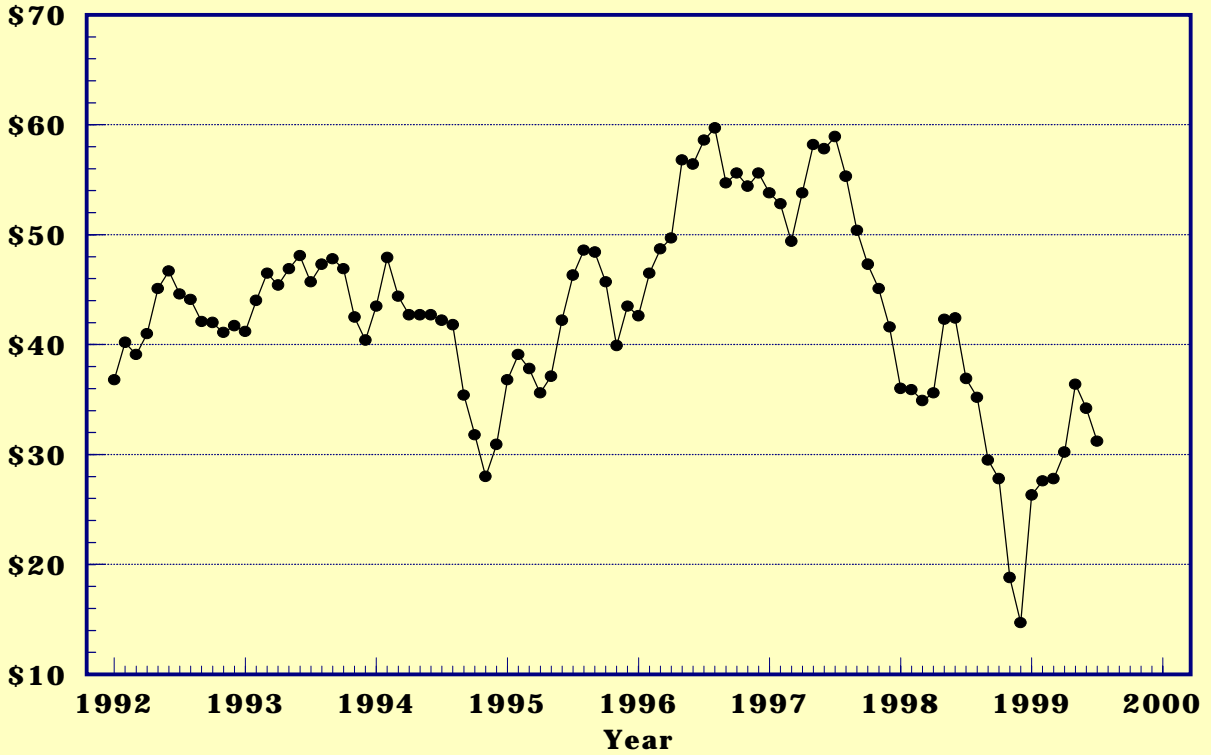
## Prices Received, Milk, US

Dollars per Cwt



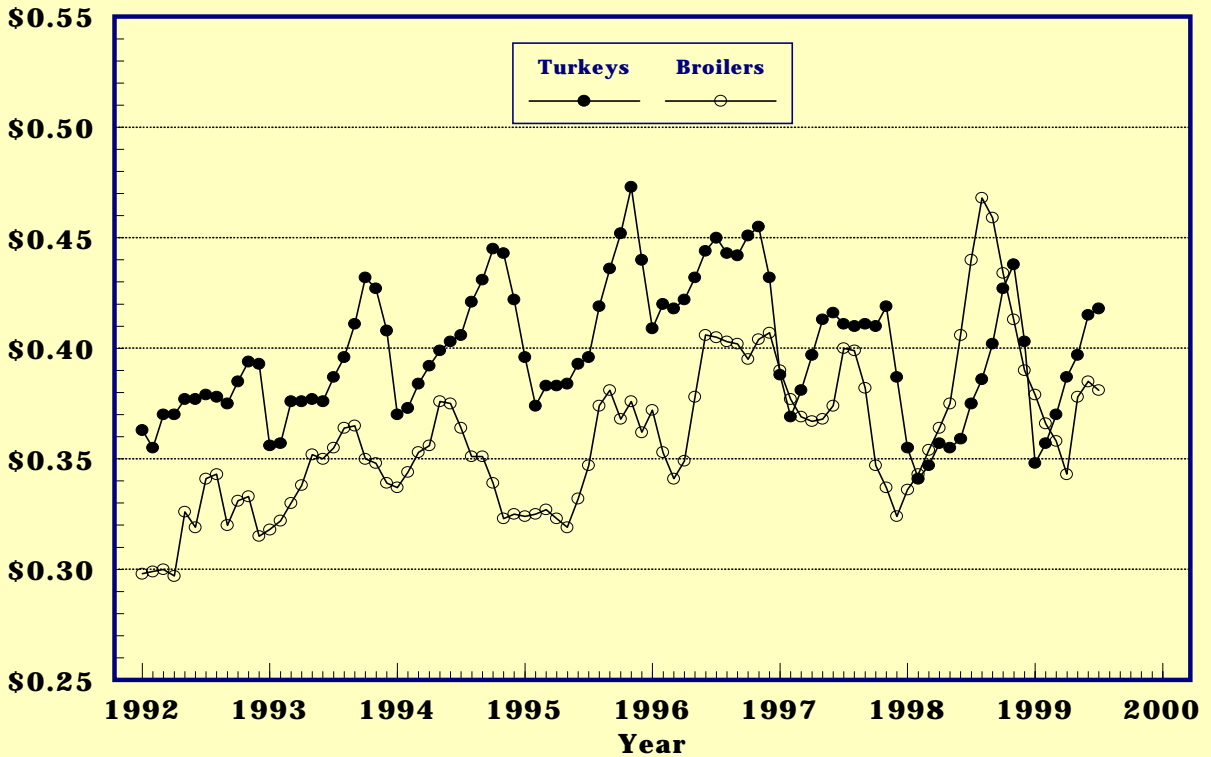
## Prices Received, Hogs, US

Dollars per Cwt



## Prices Received, Turkeys & Broilers, US

Dollars per Lb



Wheat: Prices Received, by States, June and July 1999

State	All Wheat		Winter Wheat		Durum Wheat		Oth Spring Wheat	
	Jun 1/	Jul 2/	Jun 1/	Jul 2/	Jun 1/	Jul 2/	Jun 1/	Jul 2/
	Dollars per Bushel							
AR	2.26	1.94	2.26	1.94				
CA	3/	3/	2.87	2.64	4/	4/		
CO	2.36	2.00	2.36	2.00			3/	4/
ID	2.74	2.66	2.59	2.60			2.90	2.75
IL	2.12	2.00	2.12	2.00				
IN	2.16	1.91	2.16	1.91				
KS	2.33	2.06	2.33	2.06				
MI	2.19	1.95	2.19	1.95				
MN	3.00	2.95	3/	4/	4/	4/	3.00	2.95
MO	2.08	1.95	2.08	1.95				
MT	3.07	3.01	2.81	2.70	3.00	2.95	3.15	3.10
NE	2.47	2.20	2.47	2.20				
ND	2.97	2.88	2.47	2.30	2.91	2.85	2.99	2.90
OH	2.09	2.00	2.09	2.00				
OK	2.31	2.06	2.31	2.06				
OR	3.07	2.73	3.04	2.72			3.28	2.83
SD	2.93	2.88	2.37	2.30	3/	2.95	2.96	2.91
TX	2.35	2.12	2.35	2.12				
WA	2.79	2.93	2.78	2.94			2.86	2.85
US	2.50	2.15	2.32	2.07	2.93	2.87	3.01	2.93

- 1/ Entire month.
- 2/ Mid-month.
- 3/ Price not published to avoid disclosure of individual firms.
- 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	2.80	2.56	2.06	6.69	5.32	62.50	59.00	36.00	26.30
Feb	3.27	2.74	2.55	2.05	6.57	4.80	60.40	60.60	35.90	27.60
Mar	3.33	2.65	2.55	2.06	6.40	4.61	61.30	62.40	34.90	27.80
Apr	3.18	2.62	2.41	2.05	6.26	4.63	63.00	62.70	35.60	30.20
May	3.06	2.53	2.34	2.00	6.26	4.51	63.00	62.10	42.30	36.40
Jun	2.77	2.50	2.28	1.97	6.16	4.44	61.80	63.70	42.40	34.20
Jul	2.56	2.15	2.19	1.65	6.14	4.04	58.40	62.10	36.90	31.20
Aug	2.39		1.89		5.43		57.40		35.20	
Sep	2.41		1.83		5.25		56.10		29.50	
Oct	2.79		1.91		5.18		58.00		27.80	
Nov	2.97		1.93		5.40		58.10		18.80	
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, June and July 1999

State	Barley 1/		Corn		Oats		Soybeans		Sorghum Grain	
	Jun 2/	Jul 3/	Jun 2/	Jul 3/	Jun 2/	Jul 3/	Jun 2/	Jul 3/	Jun 2/	Jul 3/
	Dollars per Bushel						Dollars per Cwt			
AL										
AR							4.60	4.21	3.22	4/
CA	2.12	4/								
CO	1.71	1.53	2.00	1.66						
GA			2.36	2.15			4.69	4.37		
ID	2.38	2.51								
IL			2.08	1.75	4/	1.10	4.54	4.10	3.57	2.95
IN			2.12	1.78			4.50	4.20		
IA			1.90	1.55	1.31	1.15	4.29	4.00		
KS			1.91	1.70			4.27	3.92	2.75	2.44
KY			2.21	1.90			4.59	4.25		
LA							4.45	4.07		
MI			1.99	1.70	1.37	1.30	4.49	4.10		
MN	1.46	1.48	1.85	1.60	1.05	1.00	4.30	3.90		
MS							4.45	4.15		
MO			1.98	1.70			4.49	4.10	3.23	2.70
MT	1.65	1.62			1.18	1.10				
NE			1.94	1.70	1.11	1.10	4.62	4.20	3.07	2.55
NC			2.51	2.20			4.47	4.20		
ND	1.54	1.58			.93	.90				
OH			2.05	1.80	1.41	1.40	4.49	4.10		
OK									3.01	2.62
OR	1.99	1.75			1.51	1.45				
PA			2.53	2.27	1.59	1.44				
SD	1.89	1.87	1.75	1.42	1.22	.98	4.41	3.75		
TN			2.31	2.00			4.43	4.20		
TX			2.20	2.10	1.27	4/			3.11	2.62
UT	1.93	1.81								
WA	1.88	1.59								
WI			1.97	1.60	1.15	1.05	4.33	3.90		
WY	4/	4/								
US	1.70	1.73	1.97	1.65	1.22	1.10	4.44	4.04	2.87	2.60

- 1/ The Three-State (MN, ND and SD) Feed Barley price for July 1999 is \$1.35.
- 2/ Entire month.
- 3/ Mid-month.
- 4/ Price not published to avoid disclosure of individual firms.

Malting and Feed Barley: Prices Received Selected States, June and July 1999

State	Malting Barley		Feed Barley	
	Jun	Jul	Jun	Jul
	Dollars per Bushel			
ID	2.80	1/	1.87	1.80
MN	1.80	1.90	1.36	1.35
MT	2.20	2.30	1.54	1.45
ND	1.79	1.85	1.33	1.35
SD	1/	1/	1.60	1.26
WY	2/	2/	1/	1/

- 1/ Price not published to avoid disclosure of individual firms.
- 2/ Insufficient sales to establish a price.

Field Crops: Prices Received, by States, June and July 1999

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State	Dry Edible		Beans		Sunflower		Flaxseed		Tobacco		Peanuts 4/	
	Jun 1/	Jul 2/	Jun 1/	Jul 2/	Jun 1/	Jul 2/	Jun 1/	Jul 3/	Jun 1/	Jul 3/	Jun 1/	Jul 3/
	: ---- Dollars per Cwt ---- Dollars per Bu --- Dollars per Pound ---											
AL												
CA	36.20	36.20										
CO	13.90	14.10										
FL												
GA												
ID	16.10	16.30										
IN												
KS			5/	5/								
KY												
MD												
MI	22.00	21.00										
MN	16.80	20.30	13.30	13.90								
MO												
NE	16.90	17.20										
NC												
ND	15.40	16.40	9.68	9.50	4.37	4.40						
OH												
OK												
SC												
SD			7.51	7.20	5/	5/						
TN												
TX												
VA												
WV												
US	19.50	19.70	9.52	9.09	4.37	4.40						

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- 1/ Entire month.
- 2/ Mid-month.
- 3/ Based on sales through first half of month.
- 4/ Marketing year Aug - Jan.
- 5/ Price not published to avoid disclosure of individual firms.



Field Crops and Apples: Prices Received, by States,  
June and July 1999

State	Cotton, Upland		July			Apples Fresh Use 1/4/
	Jun 1/	Jul 2/	Cotton- seed 5/	Hay, Baled 3/ All	Alfalfa Other	
	Dollars per Pound		Dollars per Ton			Dol/Lb
AL	.591	.591				
AZ	6/	6/	86.00	86.00	82.00	
AR	.591	.567				
CA	.577	6/	80.00	82.00	63.00	
CO			74.00	74.00	70.00	
GA	.545	.532				
ID			86.00	88.00	50.00	
IL			78.00	83.00	60.00	
IA			69.00	70.00	52.00	
KS			66.00	69.00	56.00	
KY			94.00	120.00	78.00	
LA	.551	.564				
MI			54.00	55.00	50.00	
MN			62.00	68.00	40.00	
MS	.576	.571				
MO			66.00	100.00	59.00	
MT			63.00	64.00	55.00	
NE			38.00	39.00	34.00	
NV			90.00	91.00	81.00	
NM			108.00	110.00	92.00	
NY			92.00	100.00	80.00	
NC	6/	6/				
ND			42.00	43.00	29.00	
OH			88.00	110.00	60.00	.270
OK			67.00	76.00	53.00	
OR			90.00	100.00	70.00	
PA			111.00	125.00	98.00	
SD			37.00	40.00	30.00	
TN	.591	.591				
TX	.566	.568	70.00	129.00	52.00	
UT			66.00	67.00	35.00	
VA						
WA			104.00	93.00	143.00	.123
WI			48.00	50.00	40.00	
WY			67.00	68.00	62.00	
US	.555	.549	78.40	82.00	65.30	.124

1/ Entire month. 2/ Based on sales during the first half of the month.  
3/ Mid-month. 4/ Equivalent packinghouse-door returns for CA,MI,NY and WA.  
Price at point of first sale for other states. 5/ Marketing year  
August-February. 6/ Price not published to avoid disclosure of  
individual firms.

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

Item	Unit	May 1999 1/	Jun 1999 1/	Jul 1999 2/
Cotton, Upland				
Average Price	Dollars/Pound	.561	.555	.549
Marketings 3/	1,000 Bales	306	440	NA
Rice				
Average Price	Dollars/Cwt	8.16	8.20	8.16
Marketings 4/	1,000 Cwt	9493	9943	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, July 1999 1/

Commodity And State	:	Equivalent Returns					
		F.O.B.	Packed	Packinghouse-door	On-tree	On-tree	Process
	:	Fresh	Fresh	All	Fresh	Process	All
	:	Fresh	Fresh	All	Fresh	Process	All
Dollars per Box 2/							
Grapefruit	:						
AZ	:	15.30	8.36	9.86	-0.12	6.42	7.92
	:						
CA	:	19.40	12.91	13.96	-0.04	10.97	12.02
	:						
CA-AZ	:	19.20	12.61	13.72	-0.05	10.67	11.78
	:						
US	:	19.20	12.61	13.72	-0.05	10.67	11.78
	:						
Lemons	:						
CA	:	37.80	15.09	29.36	0.74	11.45	25.72
	:						
US	:	37.80	15.09	29.36	0.74	11.45	25.72
	:						
Oranges	:						
CA	:						
Valencia	:	25.10	12.18	19.20	2.98	10.10	17.12
	:						
US	:	25.10	12.18	19.20	2.98	10.10	17.12

1/ Lime prices not published to avoid disclosure of individual operations.

2/ Net lbs. per box: Grapefruit-67; Lemons-76; Oranges-75.

Potatoes: Prices Received, by States,  
June and July 1999

State	Jun	Jul	State	Jun	Jul
	: Dollars per Cwt			: Dollars per Cwt	
AL	8.00	6.95	NC	6.55	6.45
AZ	7.25	6.15	ND - All 1/	4.50	
CA - All	11.80	12.60	- Fresh 2/	3.65	NA
- Winter			- Processing	4.75	NA
- Spring	12.00	12.70	OH		
- Summer			OR	6.20	6.10
- Fall	8.35	9.50	PA		
CO - All 1/	5.90	7.55	TX	8.50	8.70
- Fresh 2/	6.30	NA	VA	11.70	10.70
FL	8.05		WA - All	4.90	4.05
ID - All 1/	5.30	5.85	- Processing	4.35	NA
- Fresh 2/	6.10	NA	WI - All 1/	4.40	
- Processing	5.10	NA	- Fresh 2/	4.50	NA
ME	6.60		- Processing	4.15	NA
MI		8.50			
MN	5.45		US - All 1/	6.58	7.51
NY			- Fresh 2/	8.75	NA
			- Processing	5.26	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, June and July 1999

State	Cows 1/		Steers & Heifers:		Beef Cattle 4/		Calves	
	Jun 2/	Jul 3/	Jun 2/	Jul 3/	Jun 2/	Jul 3/	Jun 2/	Jul 3/
	Dollars per Cwt							
AZ	34.70	37.20	65.60	63.70	65.30	63.40	86.10	83.20
AR	34.00	35.30	68.90	69.20	57.40	56.30	80.30	81.90
CA	35.50	36.50	64.50	62.50	49.70	49.00	75.50	75.50
CO	36.40	38.10	66.40	63.80	64.30	62.50	91.00	87.90
FL	35.40	37.10	69.70	70.60	40.90	42.50	87.90	90.50
GA	34.30	37.30	66.70	68.00	45.60	47.70	81.50	83.60
ID	35.10	35.70	65.90	64.80	58.50	58.10	81.00	77.00
IL	36.50	38.30	63.70	62.10	63.20	61.60	106.00	106.00
IA	38.30	38.40	65.00	62.90	63.40	61.40	81.10	77.90
KS	37.60	38.70	66.90	64.10	66.60	63.80	88.00	90.00
KY	36.00	37.00	70.00	71.00	61.80	62.80	79.00	79.00
LA	34.30	36.00	71.70	73.00	45.90	48.60	84.10	86.00
MI	36.20	37.00	57.50	58.50	53.20	54.20	72.50	70.00
MN	38.40	40.00	63.10	62.50	59.30	59.10	80.20	77.00
MO	37.10	39.00	75.10	75.60	65.60	66.50	84.00	86.20
MT	38.70	39.60	75.20	72.90	52.20	54.60	83.90	84.80
NE	36.80	38.50	66.10	64.10	65.20	63.30	87.60	89.90
NM	39.00	41.10	72.60	72.60	60.80	60.60	85.20	87.20
ND	40.10	40.50	65.40	64.00	50.20	49.40	82.00	80.00
OH	37.20	37.50	64.60	64.00	61.90	61.40	75.10	75.00
OK	36.60	39.20	72.90	74.00	69.20	70.50	86.60	86.60
OR	38.70	39.00	69.90	71.70	60.50	61.90	75.20	75.20
PA	38.50	39.00	61.60	62.50	55.60	56.40	105.00	99.00
SD	36.80	39.00	74.50	72.90	65.80	64.40	91.60	90.50
TN	35.40	36.00	73.00	74.50	58.00	59.10	81.00	82.00
TX	35.10	37.40	69.10	67.50	66.70	65.40	90.10	91.10
VA	33.10	33.70	68.90	69.90	55.30	57.20	75.60	76.30
WI	38.20	39.90	62.70	62.50	48.50	49.40	112.00	113.00
WY	40.00	41.60	74.50	75.50	69.00	68.70	90.10	90.00
US	36.70	38.20	66.70	64.60	63.70	62.10	89.00	88.50

- 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, June and July 1999

State	Sows		Barrows and Gilts		All Hogs	
	Jun 1/	Jul 2/	Jun 1/	Jul 2/	Jun 1/	Jul 2/
	Dollars per Cwt					
GA	30.70	22.20	36.00	30.70	35.50	29.90
IL	27.70	18.80	33.00	30.00	32.60	29.10
IN	30.00	21.40	33.60	29.50	33.20	28.70
IA	30.10	24.30	36.50	35.00	36.40	34.80
KS	30.00	20.50	32.20	29.80	31.90	28.70
KY	30.00	20.00	33.00	29.00	32.90	28.60
MI	23.00	20.00	33.50	32.50	31.10	29.60
MN	30.20	21.50	35.00	30.00	34.80	29.70
MO	27.10	18.10	28.70	24.60	28.50	24.00
NE	30.50	24.50	36.80	32.90	36.70	32.70
NC	30.10	21.50	33.40	30.90	33.40	30.80
OH	29.60	25.00	35.90	33.00	35.40	32.40
PA	25.70	24.40	33.60	31.10	32.40	30.10
SC	31.10	25.50	33.50	29.80	33.30	29.50
SD	29.00	25.00	36.60	34.40	35.50	33.00
TN	30.00	21.50	33.90	31.00	33.50	30.10
TX	23.60	16.90	31.10	27.20	29.60	25.10
VA	24.20	16.70	33.40	31.30	33.20	31.00
WI	24.90	16.20	31.20	29.00	30.40	27.30
US	28.30	21.30	34.50	31.80	34.20	31.20

1/ Entire month  
 2/ Mid-month.

Sheep and Poultry: Prices Received, by States,  
June and July 1999

State	June		July		
	Sheep 1/	Lambs 1/	Turkeys 2/3/	Broilers 1/4/	Eggs 2/5/
	---- Dollars per Cwt ----		Dollars per Pound		Dol/Doz
AL				.390	.380
AZ					
AR			.47	.380	.360
CA	24.50	81.00	.44		.340
CO	31.10	82.90			
CT					.510
DE				.380	
FL					.340
GA				.385	.340
ID	30.00	81.00			
IN			.42		.480
IA	28.20	78.90	.36		.319
KS	24.00	83.00			
ME					.590
MD				.380	
MI					.440
MN	22.90	79.30	.35		.350
MS				.375	.430
MO			.47		.334
MT	34.50	80.10			
NE	31.10	80.50			
NM					
NY					.521
NC			.43	.380	.363
OH	31.20	82.80			.454
OR	28.60	70.00			
PA			.41	.390	.460
SC					.338
SD	30.10	81.80			
TX	38.60	82.20		.370	.350
UT	24.00	78.00			
VA			.43	.370	
WA					.401
WY	30.70	86.70			
US	28.90	81.30	.418	.381	.399

- 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, June and July 1999

State	June				July				
	Fluid Grade Milk 1/	Manufacturing Grade Milk	All Milk 2/		All Milk 2/3/			Milk Cows 4/	
	Price	Fat Test	Price	Fat Test	Price	Fat Test	Price	Fat Test	
	Dol/Cwt	Pct	Dol/Cwt	Pct	Dol/Cwt	Pct	Dol/Cwt	Pct	Dol/Head
AL	14.60	3.57			14.60	3.57	14.30	3.58	1210
AZ	12.50	3.55			12.50	3.55	13.00	3.47	1330
AR	13.60	3.60			13.60	3.60	13.10	3.60	1180
CA	12.80	3.55	12.80	3.90	12.80	3.55	13.20	3.50	1360
CO	12.70	3.48			12.70	3.48	12.80	3.50	1400
FL	16.50	3.50			16.50	3.50	16.00	3.52	1320
GA	14.60	3.51			14.60	3.51	14.10	3.48	1300
ID	12.20	3.45	12.10	3.54	12.20	3.45	13.20	3.42	1350
IL	12.60	3.60	12.10	3.53	12.60	3.60	12.20	3.54	1250
IN	13.40	3.57	11.60	3.54	13.30	3.57	12.70	3.51	1200
IA	12.40	3.58	11.80	3.54	12.40	3.58	12.20	3.57	1300
KS	12.60	3.52	11.00	3.44	12.60	3.52	12.50	3.49	1220
KY	13.60	3.51	10.50	3.54	13.60	3.51	13.10	3.48	1180
LA	14.70	3.46			14.70	3.46	14.20	3.47	1200
MD	13.30	3.59			13.30	3.59	12.80	3.54	1210
MI	13.30	3.55	11.20	3.51	13.30	3.55	13.20	3.51	1350
MN	13.20	3.63	11.65	3.61	13.09	3.63	14.90	3.57	1260
MS	14.80	3.42			14.80	3.42	14.30	3.40	1130
MO	13.10	3.53	11.00	3.66	13.00	3.54	12.50	3.51	1090
NE	12.50	3.58	13.40	3.60	12.60	3.58	12.40	3.54	1260
NM	12.60	3.45			12.60	3.45	12.20	3.42	1340
NY	12.80	3.53			12.80	3.53	13.00	3.50	1200
NC	15.80	3.62	11.70	3.84	15.80	3.62	15.20	3.56	1240
ND	12.10	3.54	11.30	3.52	11.80	3.53	12.00	3.50	1180
OH	13.50	3.61	11.70	3.65	13.40	3.61	13.10	3.57	1270
OK	13.70	3.49			13.70	3.49	13.20	3.47	1170
OR	13.70	3.57	12.30	3.72	13.70	3.57	14.10	3.56	1300
PA	13.90	3.57	11.00	3.61	13.90	3.57	13.40	3.55	1250
TN	14.10	3.59	10.30	3.52	14.00	3.59	13.40	3.58	1150
TX	13.50	3.53			13.50	3.53	13.30	3.51	1310
UT	12.40	3.50	11.40	3.51	12.30	3.50	12.40	3.45	1230
VT	14.20	3.62			14.20	3.62	14.20	3.59	1210
VA	14.20	3.47	12.10	3.68	14.10	3.48	14.10	3.45	1210
WA	13.65	3.57			13.70	3.57	14.20	3.56	1310
WI	12.75	3.63	12.21	3.68	12.71	3.63	14.70	3.58	1300
US	13.10	3.56	11.90	3.64	13.10	3.56	13.60	3.52	1280

- 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, June and July 1999, with Comparisons

Item	Jul 1998	Jun 1999	Jul 1999
Parity Equivalent.....Dol per Cwt	26.63	27.69	27.88
Average Price F.O.B.....Dol per Cwt	14.10	11.90	2/13.00
Average Fat Test of Milk..Percent	3.56	3.64	2/3.59

- 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 January 1999 issue of "Agricultural Prices".
- 2/ Preliminary.

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

Commodity and Unit	: Adjusted: : Base : Prices	Parity Prices Based on Data for			: Prices as Percent : of Parity			
		: Jul : 1998	: Jun : 1999	: Jul : 1999	: Jul : 1998	: Jun : 1999	: Jul : 1999	
		Dollars			Percents			
Basic Commodities	:							
All Wheat, Bu	:	.626	9.64	9.67	9.71	27	26	22
Rice, Cwt	:	1.78	26.90	27.50	27.60	36	30	30
Corn, Bu	:	.428	6.55	6.61	6.64	33	30	25
Cotton, Lb	:							
American Upland	:	.113	1.71	1.74	1.75	40	32	31
Extra Long Staple	:	.145	2.24	2.24	2.25			
Peanuts, Lb	:	.0425	.644	.656	.659			
Tobacco, By Type, Lb	:							
Flue-Cured 11-14	:	.252	3.80	3.89	3.91	43		
VA Fire-Cured, 21	:	.249	3.71	3.84	3.86			
KY-TN Fire-Cured, 22-23	:	.313	4.75	4.83	4.85			
Burley, 31	:	.266	4.00	4.11	4.13			
Maryland, 32	:	.231	3.31	3.57	3.58			
Dark Air-Cured, 35-36	:	.266	3.98	4.11	4.13			
Sun-Cured, 37	:	.226	3.33	3.49	3.51			
PA Seedleaf, 41	:	.193	2.84	2.98	2.99			
Cigar Filler & Binder, 42-44, 54-55	:	.217	3.25	3.35	3.37			
Puerto Rican Filler, 46	:	.173	2.64	2.67	2.68			
Cigar Binder, 51-52	:	.552	7.46	8.52	8.56			
Designated Nonbasic	:							
All Milk, Sold to Plants, Per Cwt	:	1.97	29.30	30.40	30.60	2/50	2/44	2/46
Honey, Extracted, Lb	:	3/.0878	1.31	1.36	1.36			
Wool and Mohair	:							
Wool, Lb	:	.125	4.12	1.93	1.94			
Mohair, Lb	:	.231	11.00	3.57	3.58			
Other Nonbasic	:							
Barley, Bu	:	.383	5.89	5.91	5.94	34	29	29
Cottonseed, Ton	:	15.90	240.00	245.00	247.00			
Dry Edible Beans, Cwt	:	3.26	50.20	50.30	50.60	42	39	39
Flaxseed, Bu	:	.780	11.90	12.00	12.10	52	36	36
Oats, Bu	:	.224	3.62	3.46	3.47	33	35	32
Potatoes, Cwt	:	.860	12.80	13.30	13.30	47	49	56
Rye, Bu	:	.326	4.96	5.03	5.06			
Sorghum Grain, Cwt	:	.674	10.30	10.40	10.50	37	28	25
Soybeans, Bu	:	.905	14.10	14.00	14.00	44	32	29
Sweetpotatoes, Cwt	:	2.04	24.60	31.50	31.60			
Apples, Fresh, Lb 5/	:	.0290	.435	.448	.450	37	29	28
Citrus (equiv on-tree), box:	:							
Grapefruit	:	.524	10.70	8.09	8.13	56	109	131
Lemons	:	1.20	17.50	18.50	18.60	131	48	62
Limes (FL)	:	1.17	18.50	18.10	18.10	31		
Oranges	:	.747	13.70	11.50	11.60	49	76	87
Tangerines	:	1.79	29.00	27.60	27.80		10/	
Temples (FL)	:	.635	11.50	9.80	9.85			
Beef Cattle, Cwt	:	9.80	151.00	151.00	152.00	39	42	41
Calves, Cwt	:	12.50	192.00	193.00	194.00	40	46	46
Hogs, Cwt	:	6.58	103.00	102.00	102.00	36	34	31
Lambs, Cwt	:	10.10	154.00	156.00	157.00	53	52	
Sheep, Cwt	:	4.21	62.90	65.00	65.30	47	44	
Eggs, Doz	:	.0964	1.44	1.49	1.50	2/44	2/40	2/42
Turkeys, Live, Lb	:	.0576	.877	.889	.893	43	47	47

--continued



Parity Prices Based on Data for July 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	3.71	Peaches, cont.		
Spearmint Oil, Lb	1.85	28.70	Processing 6/		
Tobacco, Lb			Excl Dried		
Type 61	2.78	43.10	Clingstone,		
			CA, Ton	31.60	490.00
Noncitrus Fruit			Pears, Ton		
Apples, Ton 7/			Fresh 5/	51.70	802.00
Processing	19.80	307.00	Dried, CA 7/	148.00	2300.00
Apricots, Ton			Plums, CA, Ton		
Fresh 8/	122.00	1890.00	Fresh, Equiv		
Dried, CA	293.00	4540.00	on-Tree	53.70	833.00
Avocados, Ton 8/	192.00	2980.00	Prunes, Dried,		
Cherries			CA, Ton 7/	135.00	2090.00
Sweet, Ton	157.00	2440.00	Prunes and Plums,		
Tart, Lb	.0265	.411	Excl CA, Ton		
Cranberry, Bbl 6/	7.55	117.00	Fresh 10/	55.30	858.00
Dates, CA, Ton 8/	139.00	2160.00	Processing 7/		
Grapes, Ton			Excl Dried	22.40	347.00
Raisin Variety	142.00	2200.00	Tree Nuts 11/		
Other Dried	58.40	906.00	Almonds, Lb	.227	3.52
Kiwifruit, Ton	72.60	1130.00	Hazelnuts, Ton	117.00	1810.00
Nectarines			Pistachio, Lb	.164	2.54
Fresh, Calif,			Walnuts, Ton	179.00	2780.00
Ton 8/	63.00	977.00			
Olives, CA			Vegetables, Cwt 12/		
Canning, Ton 6/	93.20	1450.00	Fresh		
Papayas (HA) Lb	.0479	.743	Carrots 9/	1.78	27.60
Peaches			Cauliflower 9/	4.31	66.80
Fresh, Lb 5/	.0384	.596	Celery 9/	1.85	28.70
Dried, CA,			Honeydew Melons	2.52	39.10
Ton	119.00	1850.00	Lettuce	2.15	33.30
			Onions 9/	1.70	26.40
			Tomatoes	4.47	69.30

- 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.

Sugar Crops: Marketing Year Average Price Received  
and Value of Production, United States, 1998 Crop 1/

Sugarbeets		:	Sugarcane 2/			
Price	Value	:	For Sugar		:	Sugar and Seed
:	of	:	Price	Value of	:	Value of
:	Production	:	:	Production	:	Production
Dollars per Ton	1,000 Dollars	Dollars per Ton	----- 1,000 Dollars -----			
35.50	1,157,513	28.20	923,353	978,737		

1/ Preliminary. Final prices and value of production by states will be published in **"Crop Values"** February 2000.

2/ Includes FL, HI, LA, and TX.

Seasonal Adjustment Factors, Eggs and Milk

Base prices used in calculating parity prices are averages of prices received for several years; therefore, any seasonal variation is largely averaged out. To facilitate comparisons with parity prices, monthly prices for eggs and milk are adjusted for seasonal variation.

The table below presents the adjustment factors which will be used the next 12 months. The adjusted price is calculated by dividing the monthly price by the adjustment factor. The factors are based on prices for the years 1989-98.

Seasonal Adjustment Factors, Eggs and Milk,  
United States

Year and Month	:	Eggs	:	Milk 1/
1999	:			
Jul	:	92		96
Aug	:	92		100
Sep	:	97		102
Oct	:	99		106
Nov	:	97		105
Dec	:	109		103
2000	:			
Jan	:	111		101
Feb	:	107		100
Mar	:	104		99
Apr	:	103		97
May	:	98		96
Jun	:	91		95

1/ All milk sold to plants and dealers.

Apples for Fresh Use: Prices Received, by State, July 1997 - June 1999,  
and United States, July 1996 - June 1999 1/

State:	1997						1998					
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
	Dollars per Lb											
CA	.499	.394	.356	.365	.297	.293	.258	.264	.297	.297		
MI		.160	.155	.150	.140	.145	.150	.155	.155	.155	.155	.155
NY			.182	.183	.167	.172	.175	.175	.178	.175	.187	
OH	.310	.289	.267	.275	.276	.273	.253	.253	.250	.246	.241	.240
PA	.200	.230	.240	.230	.270	.250	.240	.210	.190	.160		
VA			.200	.220	.215	.200	.190	.181	.180	.180		
WA	.136	.137	.245	.254	.238	.246	.233	.216	.209	.197	.179	.163
	1998						1999					
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
	Dollars per Lb											
CA		.334	.306	.348	.293	.219	.183	.100	.152			
MI		.130	.140	.130	.125	.125	.125	.130	.130	.130	.130	.130
NY			.176	.177	.166	.145	.147	.148	.157	.166	.184	
OH	.260	.275	.280	.275	.269	.264	.258	.256	.255	.255	.251	.250
PA	.240	.230	.230	.240	.240	.230	.230	.230	.220	.190	.180	.180
VA			.219	.200	.191	.189	.183	.182	.185			
WA	.123	.120	.209	.201	.158	.140	.157	.150	.151	.137	.128	.125
Year	Jul	Aug	Sep	Oct	Nov	Dec	Jan 2/	Feb	Mar	Apr	May	Jun
	United States											
1996	.233	.252	.305	.247	.232	.227	.225	.203	.176	.156	.143	.137
1997	.146	.174	.259	.253	.230	.233	.219	.208	.205	.194	.178	.163
1998	.127	.138	.226	.221	.175	.149	.158	.150	.153	.141	.133	.127

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

2/ January of the following year.

Pears for Fresh Use: Monthly Average Prices Received,  
United States, July 1996-June 1999 1/

Year	Jul	Aug	Sep	Oct	Nov	Dec	Jan 2/	Feb	Mar	Apr	May	Jun
	Dollars per Ton											
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	360	328	372	361	352	305	373	362	331	337	340	356

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

2/ January of the following year.

Indexes of Prices Received by Months and Annual Average,  
United States, 1995-99

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
All Farm Products													
1910-14=100													
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	652	640	649	658	657	649	645	640	629	629	631	624	642
1999	615	609	612	608	626	620	595						612
1990-92=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	99	98	101
1999	97	96	96	96	98	98	94						96
All Crops													
1910-14=100													
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	539	536	546	562	554	525	526	508	494	491	500	491	523
1999	481	484	485	506	515	495	460						489
1990-92=100													
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	109	109	111	114	112	107	107	103	100	100	101	100	106
1999	98	98	98	103	104	100	93						99

1/ Simple average required for parity regulations. Weighted 1990-92 average equals 100. Average is year-to-date for current year.

Indexes of Prices Received by Months and Annual Average,  
United States, 1995-99

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
-----													
	Food Grains												
	1910-14=100												
1995	382	368	360	358	379	407	434	448	472	489	498	511	426
1996	501	505	512	534	584	555	504	487	467	445	437	437	497
1997	434	426	431	446	442	382	352	388	399	395	392	379	406
1998	369	372	376	361	345	306	283	270	279	319	335	322	328
1999	319	321	312	306	289	275	238						294
	1990-92=100												
1995	120	116	113	113	119	128	137	141	148	154	157	161	134
1996	158	159	161	168	184	175	159	153	147	140	137	137	157
1997	137	134	136	140	139	120	111	122	126	124	123	119	128
1998	116	117	118	114	109	96	89	85	88	100	105	101	103
1999	101	101	98	96	91	87	75						93
	Feed Grains and Hay												
	1910-14=100												
1995	347	355	364	373	387	393	408	410	414	435	446	468	400
1996	474	502	520	568	605	593	607	593	525	444	415	411	521
1997	421	423	440	452	442	422	401	407	405	402	399	399	418
1998	402	405	405	388	385	374	361	326	307	306	308	319	357
1999	324	326	327	328	332	325	287						321
	1990-92=100												
1995	97	99	102	104	108	110	114	115	116	122	125	131	112
1996	133	140	146	159	169	166	170	166	147	124	116	115	146
1997	118	118	123	127	124	118	112	114	113	112	112	112	117
1998	113	113	113	109	108	105	101	91	86	85	86	89	100
1999	91	91	92	92	93	91	80						90

1/ Simple average required for parity regulations. Weighted 1990-92 average equals 100. Average is year-to-date for current year.

Indexes of Prices Received by Months and Annual Average,  
United States, 1995-99

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
-----													
	Cotton												
	1910-14=100												
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
1999	493	473	467	479	474	469	464						474
	1990-92=100												
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
1999	96	92	91	94	93	92	91						93
	Tobacco 2/												
	1910-14=100												
1995	1630	1709	1491	1326		1526	1535	1591	1574	1600	1604	1604	1559
1996	1652	1791	1517	1396		1391	1517	1643	1661	1674	1674	1674	1592
1997	1678	1661	1678			1374	1387	1526	1552	1604	1670	1570	
1998	1670	1665	1574	1474		1417	1413	1561	1622	1657	1665	1572	
1999	1678	1709	1574	1309									1568
	1990-92=100												
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	
1999	111	113	104	86									104

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

Indexes of Prices Received by Months and Annual Average,  
United States, 1995-99

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Oil-Bearing Crops													
1910-14=100													
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
1999	525	481	454	454	442	437	397						456
1990-92=100													
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
1999	96	88	83	83	81	80	73						83
Fruit and Nuts													
1910-14=100													
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	602	653	709	773	842	902	931	891	860	800	649	764
1999	657	662	692	725	825	909	929						771
1990-92=100													
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	86	93	102	111	121	129	133	128	123	115	93	110
1999	94	95	99	104	118	130	133						110

1/ Simple average required for parity regulations. Weighted 1990-92 average equals 100. Average is year-to-date for current year.

Indexes of Prices Received by Months and Annual Average,  
United States, 1995-99

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
-----													
	Commercial Vegetables												
	1910-14=100												
1995	803	772	989	1161	1037	808	653	680	781	651	658	678	806
1996	631	742	986	818	691	774	661	775	679	727	747	643	740
1997	753	717	813	767	743	785	761	836	796	985	951	907	818
1998	801	749	804	981	841	704	792	744	743	883	752	746	795
1999	718	769	777	856	814	744	673						764
	1990-92=100												
1995	120	116	148	174	155	121	98	102	117	97	98	101	121
1996	94	111	147	122	103	116	99	116	102	109	112	96	111
1997	113	107	122	115	111	118	114	125	119	147	142	136	122
1998	120	112	120	147	126	105	119	111	111	132	113	112	119
1999	107	115	116	128	122	111	101						114
	Potatoes and Dry Beans												
	1910-14=100												
1995	466	450	484	505	529	612	729	586	497	539	548	547	541
1996	564	589	633	668	696	707	700	521	482	461	452	434	576
1997	426	431	433	433	477	431	499	544	440	433	457	477	457
1998	491	524	554	546	555	537	532	488	447	413	450	461	500
1999	478	488	498	520	546	563	627						531
	1990-92=100												
1995	92	89	96	100	105	121	144	116	98	106	108	108	107
1996	111	116	125	132	138	140	138	103	95	91	89	86	114
1997	84	85	86	85	94	85	99	107	87	85	90	94	90
1998	97	104	109	108	110	106	105	96	88	82	89	91	99
1999	94	96	98	103	108	111	124						105

1/ Simple average required for parity regulations. Weighted 1990-92 average equals 100. Average is year-to-date for current year.





Indexes of Prices Received by Months and Annual Average,  
United States, 1995-99

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
-----													
	Livestock and Products												
	1910-14=100												
1995	711	721	711	687	675	689	694	708	717	706	722	737	707
1996	718	717	719	713	741	765	786	794	809	790	786	789	761
1997	753	751	761	761	766	747	763	761	756	741	753	748	755
1998	726	720	728	731	734	754	740	756	751	753	743	741	740
1999	738	721	725	690	716	728	721						720
	1990-92=100												
1995	93	94	93	89	88	90	90	92	93	92	94	96	92
1996	94	93	94	93	97	100	102	104	105	103	102	103	99
1997	98	98	99	99	100	97	99	99	99	97	98	98	98
1998	95	94	95	95	96	98	96	99	98	98	97	97	97
1999	96	94	95	90	93	95	94						94
	Meat Animals												
	1910-14=100												
1995	907	931	902	856	835	859	861	865	866	840	834	854	868
1996	832	839	841	820	853	869	907	923	936	920	918	920	882
1997	913	918	937	956	982	952	963	952	935	910	899	881	933
1998	851	831	834	856	888	873	808	792	745	765	728	674	804
1999	763	787	801	822	848	852	821						813
	1990-92=100												
1995	89	92	89	84	82	85	85	85	85	83	82	84	85
1996	82	82	83	81	84	85	89	91	92	91	90	90	87
1997	90	90	92	94	97	94	95	94	92	89	88	87	92
1998	84	82	82	84	87	86	80	78	73	75	72	66	79
1999	75	77	79	81	83	84	81						80

1/ Simple average required for parity regulations. Weighted 1990-92 average equals 100. Average is year-to-date for current year.

Indexes of Prices Received by Months and Annual Average,  
United States, 1995-99

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
-----													
	Dairy Products												
	1910-14=100												
1995	774	768	774	756	756	744	737	762	787	823	860	854	783
1996	866	854	848	854	879	910	946	977	1014	1008	934	879	914
1997	830	823	836	811	780	750	744	780	805	866	903	910	820
1998	903	910	891	860	817	866	873	953	1032	1094	1094	1112	950
1999	1069	953	922	774	787	805	836						878
	1990-92=100												
1995	96	96	96	94	94	93	92	95	98	103	107	106	98
1996	108	106	106	106	109	113	118	122	126	126	116	109	114
1997	103	103	104	101	97	93	93	97	100	108	113	113	102
1998	113	113	111	107	102	108	109	119	129	136	136	139	119
1999	133	119	115	96	98	100	104						109
	Poultry and Eggs												
	1910-14=100												
1995	283	280	282	281	274	284	296	315	324	319	336	328	300
1996	329	318	315	315	326	344	343	345	346	341	355	361	337
1997	335	325	318	313	314	313	333	330	325	303	314	301	319
1998	299	292	305	305	304	326	346	369	361	353	348	336	329
1999	321	307	307	292	309	317	317						310
	1990-92=100												
1995	101	100	100	100	97	101	105	112	115	113	119	117	107
1996	117	113	112	112	116	122	122	123	123	121	126	128	120
1997	119	116	113	111	112	111	118	117	116	108	112	107	113
1998	106	104	108	109	108	116	123	131	128	126	124	119	117
1999	114	109	109	104	110	113	113						110

1/ Simple average required for parity regulations. Weighted 1990-92 average equals 100. Average is year-to-date for current year.

## Reliability of Prices Received Estimates

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

**Survey Procedures:** Primary sales data used to determine grain prices were obtained from probability samples of 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 July Index of Prices Paid for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW) was 116 (1990-92=100), 0.9 percent less than June 1999 but unchanged from July 1998.

**Production Index:** The farm production, goods, and services index for July, at 113, was unchanged from last month but 1.7 percent below last year. Since June, lower prices for feed grains, feeder pigs, hay and forages, nitrogen fertilizers, and feed supplements offset higher prices for feeder cattle, insecticides, diesel fuel, feed concentrates, and gasoline.

**Feed:** The feed index, at 97, was 3.0 percent less than June and 13 percent below last July. Since June, lower prices for feed grains, hay and forages, and feed supplements more than offset higher prices for feed concentrates.

**Livestock and Poultry:** The index for livestock and poultry purchases, at 92, was 1.1 percent lower than than last month but 11 percent above last year. Since June, lower prices for feeder pigs more than offset higher prices for feeder cattle.

**Fertilizer:** The fertilizer index, at 104, was down 1.0 percent from June and 8.0 percent less than July a year ago. Since June, lower prices for nitrogen fertilizers more than offset slightly higher prices for potash and phosphate materials.

**Agricultural Chemicals:** The chemical index, at 125, was up 4.2 percent from last month and 2.5 percent more than last July. Prices were higher in July for both insecticides and other chemicals.

**Fuels:** The fuels index, at 97, was up 5.4 percent from a month earlier and 11 percent above July 1998. Compared to last month, prices were higher for all fuel components.

**Farm Machinery:** The July farm machinery index was 135, unchanged from June but 1.5 percent above last July. Since June, slightly lower prices for self-propelled machinery offset slightly higher prices for other machinery.

**Consumer Price Index:** The June 1999 Consumer Price Index for all urban consumers (CPI-U) before seasonal adjustment, at 166.2 (1982-84=100), was unchanged from May. For the 12-month period ending in June, the overall index increased 2.0 percent.

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

Indexes and Ratios	1910-14 = 100			1990-92 = 100		
	1998		1999		1999	
	Jul	Jun	Jul	Jul	Jun	Jul
Prices Paid by Farmers for	:					
Commodities & Services,	:					
Interest, Taxes, & Wage	:					
Rates (PPITW)	1550	*1552	1551	116	*117	116
Production	1113	*1098	1097	115	*113	113
Feed	542	*489	476	111	*100	97
Livestock and Poultry	1062	*1186	1179	83	93	92
Seeds	1216	1196	1196	123	121	121
Fertilizer	416	*386	382	113	105	104
Agricultural Chemicals	754	*744	770	122	*120	125
Fuels	675	*708	747	87	92	97
Supplies & Repairs	848	*857	857	119	121	121
Autos & Trucks	3133	*3163	3161	118	119	119
Farm Machinery	3328	*3379	3380	133	135	135
Building Material	1609	*1633	1645	118	120	121
Farm Services & Rent	1480	*1459	1459			
Farm Services				118	*118	118
Rent				134	130	130
Interest 1/	2739	2757	2757	109	110	110
Taxes 2/	3185	3214	3214	119	120	120
Wage Rates	4678	5066	5066	125	135	135
Production, Interest, Taxes,	:					
& Wage Rates (PITW)	1550	*1547	1545	115	*115	115
Family Living-CPI 3/	1550	1579	1579	121	123	123
Ratio (Received\Paid)				88	84	81
Parity Ratio 4/	42	40	38			
Parity Ratio Adjusted 5/	44	*42	41			
PPITW Adjusted for	:					
Productivity 6/	1035	*1057	1057			
Crop Sector (PPITW)				120	120	121
Livestock Sector (PPITW)				113	*113	112
Farm Sector (Production)				103	100	99
Non-Farm Sector (Production)				120	*119	120

\* 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 Input Components and  
Sub-Components United States, July 1999 With Comparisons

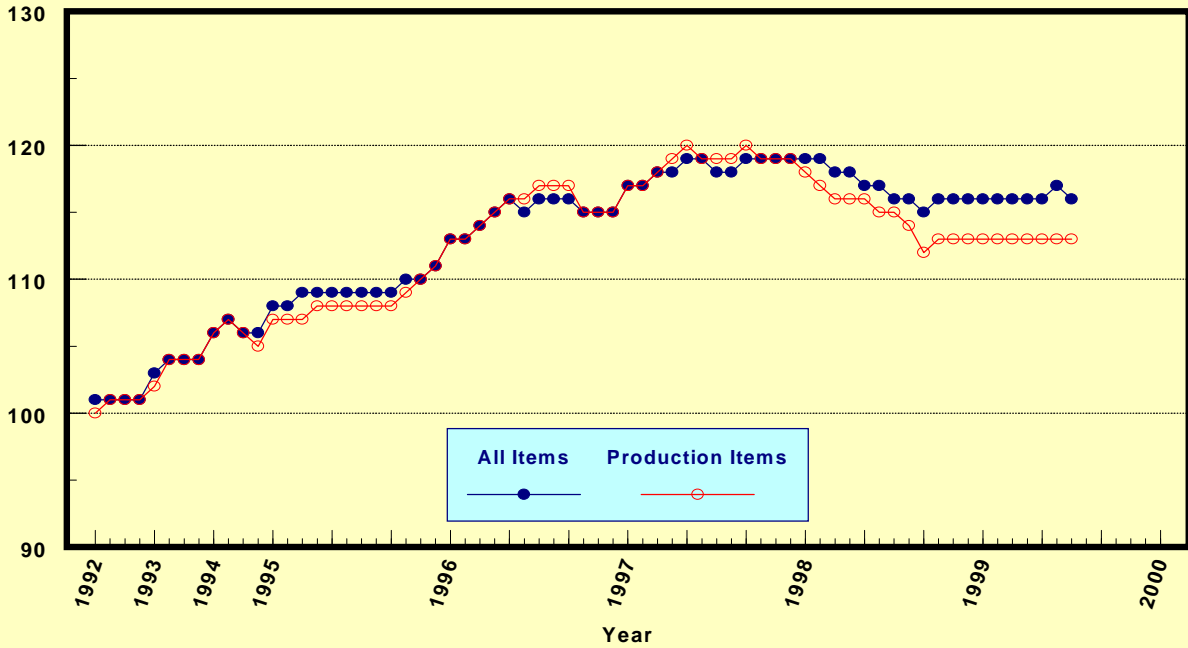
Index	Relative Weights		Input Indexes		
	5-Year Moving Average 1/		1998	1999	
	1998	1999	Jul	Jun	Jul
	----	Percent ----	----	(1990-92=100) ---	
Production Items	67.0	67.4	115	*113	113
Feed	11.6	11.6	111	*100	97
Feed Grains	2.1	2.1	94	*83	71
Complete Feeds	5.1	5.1	114	*105	105
Hay/Forages	1.3	1.3	114	105	101
Concentrates	1.9	1.9	121	*95	97
Supplements	1.3	1.3	110	*113	109
Livestock & Poultry	7.5	7.2	83	93	92
Feeder Cattle	5.9	5.6	81	89	93
Feeder Pigs	0.6	0.6	65	*96	53
Milk Cow Replacements	0.6	0.6	99	110	113
Poultry	0.5	0.4	110	110	110
Seeds	2.8	2.8	123	121	121
Field Crops	2.5	2.6	123	121	121
Grasses/Legumes	0.3	0.3	123	121	121
Fertilizer	4.8	4.9	113	105	104
Mixed Fertilizer	2.1	2.1	116	115	115
Nitrogen	2.0	2.0	110	91	89
Potash & Phosphate	0.7	0.7	115	*115	115
Agricultural Chemicals	3.7	3.8	122	*120	125
Herbicides	2.4	2.4	118	*113	113
Insecticides	0.9	0.9	133	*141	160
Fungicides/Other	0.5	0.5	121	*120	120
Fuels	2.7	2.7	87	92	97
Diesel	1.4	1.4	78	*84	88
Gasoline	1.0	1.0	100	*94	97
LP Gas	0.3	0.3	91	*122	136
Farm Supplies & Repairs	5.4	5.6	119	121	121
Supplies	1.8	1.9	116	117	117
Repairs	3.6	3.7	121	123	123
Autos & Trucks	1.4	1.4	118	119	119
Autos	0.2	0.2	112	111	111
Trucks	1.2	1.3	119	120	120
Farm Machinery	4.1	4.0	133	135	135
Tractors	0.9	0.9	130	132	132
Self-Propelled	1.7	1.6	133	134	133
Other Machinery	1.6	1.5	134	*138	138
Building Materials	2.7	2.8	118	120	121
Farm Services	12.2	12.4	118	*118	118
Custom Rates	1.3	1.3	117	115	115
Other Services	10.9	11.1	118	*118	118
Rent	8.1	8.2	134	130	130
Cash	3.7	3.7	141	141	141
Share	4.5	4.5	129	121	121
Interest	5.0	4.5	109	110	110
Taxes	3.2	3.1	119	120	120
Wage Rates	6.9	6.9	125	135	135
Family Living-CPI	18.0	17.7	121	123	123

1/ Weights may not add due to rounding.

\* Revised.

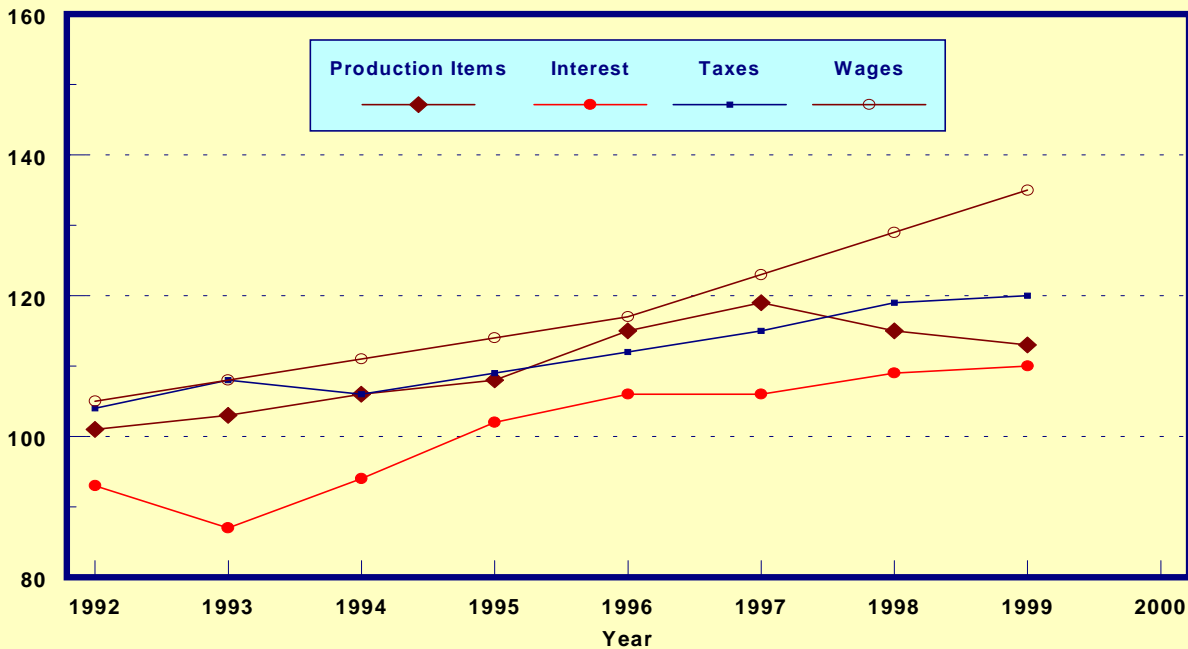
## Prices Paid by Farmers, Major Indexes US, by Quarter and Month 1/

Percent (1990-92=100)



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

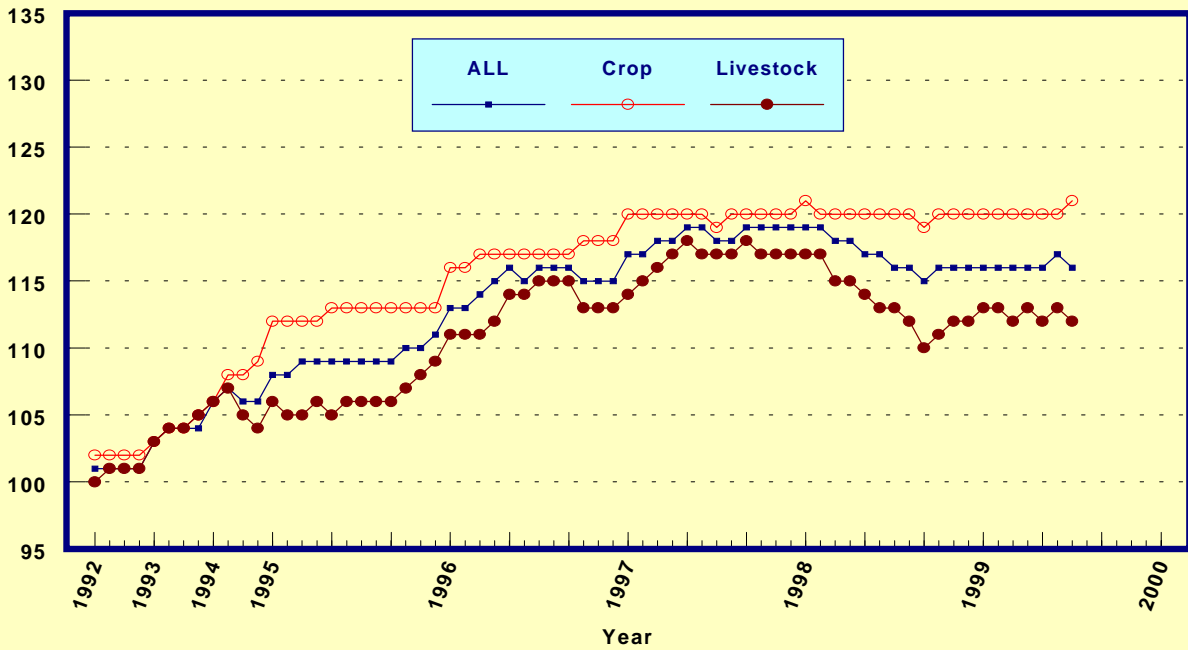
Percent (1990-92=100)





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

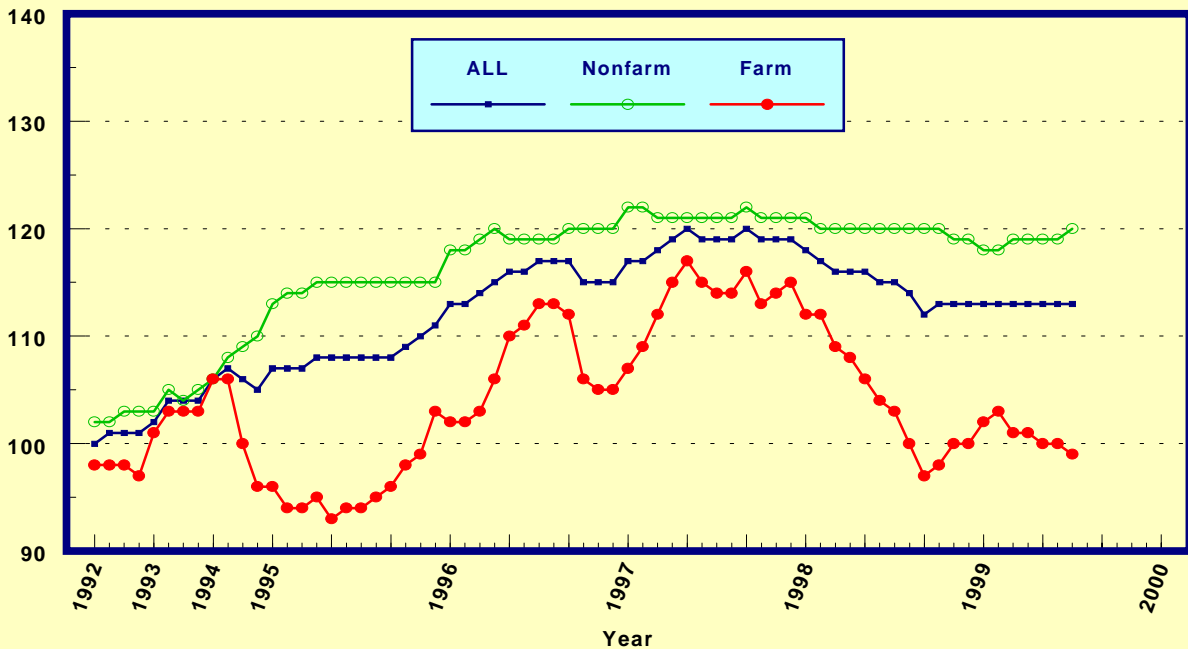
Percent (1990-92=100)



1/ Index values are monthly beginning in 1995.

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

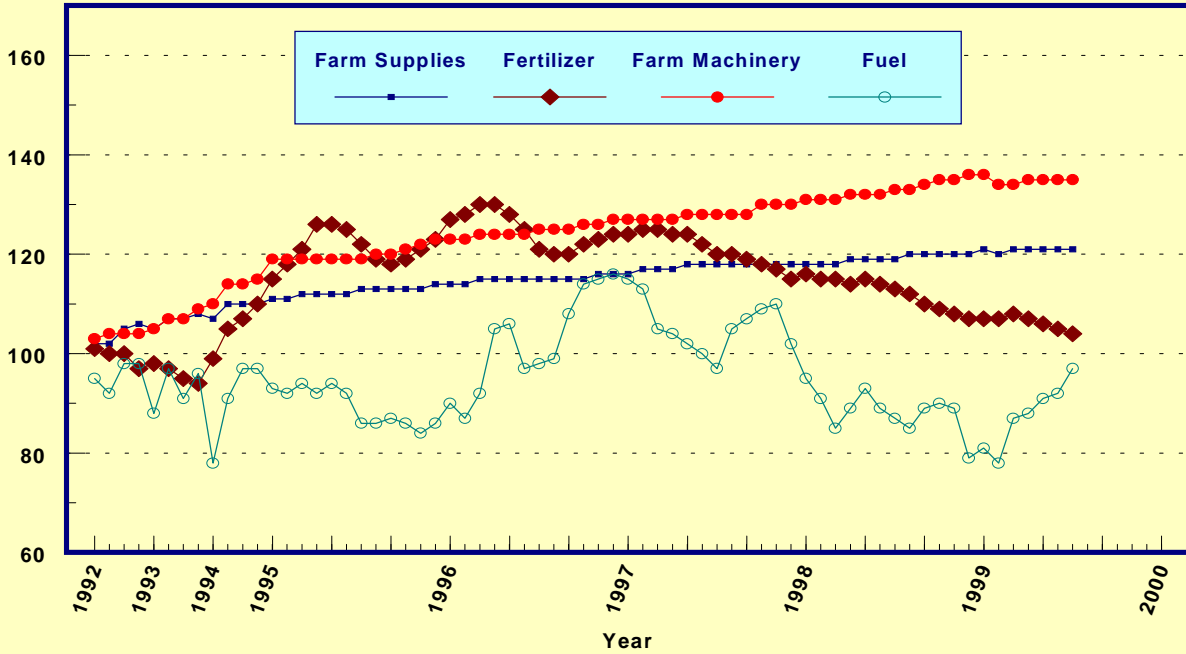
Percent (1990-92=100)



1/ Index values are monthly beginning in 1995.

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

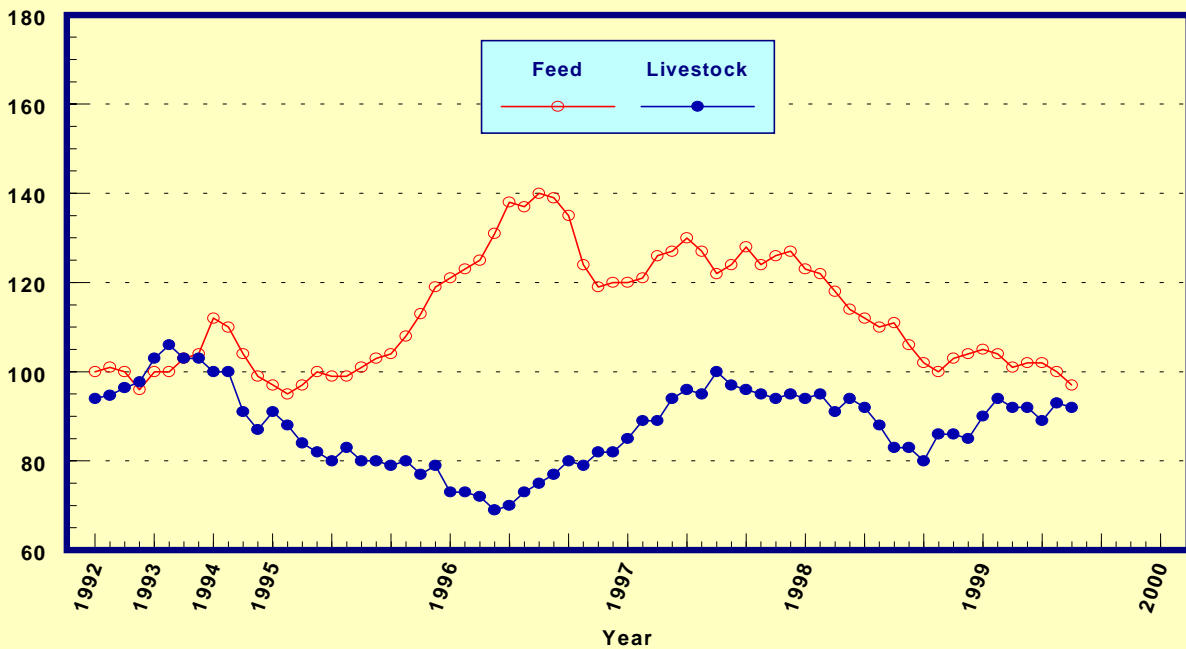
Percent (1990-92=100)



1/ Index values are monthly beginning in 1995.

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

Percent (1990-92=100)



1/ Index values are monthly beginning in 1995.

Feed Price Ratios: United States, July 1999 With Comparisons

Feed Price Ratio 1/	1998		1999	
	Jul	Jun	Jul	Jul
Broiler-Feed: Pounds of Broiler Grower feed equal in value to 1 pound of broiler live weight	6.7	7.5	8.4	
Market-Egg-Feed: Pounds of Laying Feed equal in value to 1 dozen eggs	7.9	*8.4	10.2	
Hog-Corn: Bushels of Corn equal in value to 100 pounds of hog, live weight	16.8	*17.4	18.9	
Milk-Feed: Pounds of 16% Mixed Dairy Feed equal in value to 1 pound of Whole Milk	3.00	*3.17	3.65	
Steer & Heifer-Corn: Bushels of Corn equal in value to 100 pounds of Steer & Heifers, live weight	27.9	*33.9	39.2	
Turkey-Feed: Pounds of Turkey Grower equal in value to 1 pound of Turkey, live weight	6.5	8.8	10.1	

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, July 1999 With Comparisons

Commodity	Unit	1998		1999	
		Jul	Jun	Jul	Jul
Broilers, Live	Lb	.440	.385		
Eggs, Market	Doz	.434	.376	.399	
Hogs, All	Cwt	36.90	*34.20	31.20	
Milk, All	Cwt	14.20	*13.10	13.60	
Steers and Heifers	Cwt	61.00	*66.70	64.60	
Turkeys, Live	Lb	.375	.415	.418	
Corn	Bu	2.19	*1.97	1.65	
Hay, Alfalfa, Baled	Ton	93.40	85.00	82.00	
Soybeans	Bu	6.14	*4.44	4.04	
Wheat, All	Bu	2.56	*2.50	2.15	

\* Revised.

Prices Paid: Feeder Livestock, United States, July 1999 With Comparisons

ITEM	Unit	1998		1999	
		Jul	Jun	Jul	Jul
Dollars					
Feeder and Stocker Cattle and Calves	Cwt	68.70	75.60	78.50	

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	:1444	1443	1446	1447	1447	1451	1453	1454	1457	1462	1467	1479	1454
1996	:1507	1508	1515	1528	1539	1538	1540	1543	1545	1538	1535	1537	1531
1997	:1559	1564	1571	1577	1583	1578	1572	1574	1582	1579	1582	1581	1575
1998	:1582	1579	1569	1565	1563	1557	1550	1541	1529	1540	1542	1538	1555
1999	:1550	1550	1550	1551	1547	1552	1551						1550
1990-92 = 100													
1995	: 108	108	109	109	109	109	109	109	109	110	110	111	109
1996	: 113	113	114	115	116	115	116	116	116	115	115	115	115
1997	: 117	117	118	118	119	119	118	118	119	119	119	119	118
1998	: 119	119	118	118	117	117	116	116	115	116	116	116	117
1999	: 116	116	116	116	116	117	116						116
Items Used for Production, Interest, Taxes, and Wage Rates (PITW)													
1910-14 = 100													
1995	:1448	1445	1448	1448	1447	1451	1454	1454	1457	1462	1469	1484	1456
1996	:1516	1516	1524	1537	1551	1549	1552	1554	1556	1546	1541	1544	1540
1997	:1570	1575	1583	1589	1597	1591	1583	1584	1593	1589	1593	1592	1586
1998	:1592	1588	1576	1570	1567	1559	1550	1539	1524	1536	1538	1534	1556
1999	:1548	1547	1546	1545	1540	1547	1545						1545
1990-92 = 100													
1995	: 108	108	108	108	108	108	108	108	108	109	109	110	108
1996	: 113	113	113	114	115	115	115	116	116	115	115	115	115
1997	: 117	117	118	118	119	118	118	118	119	118	119	118	118
1998	: 119	118	117	117	117	116	115	115	113	114	115	114	116
1999	: 115	115	115	115	115	115	115						115

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/
Items Used for Production													
1910-14 = 100													
1995	:1042	1040	1042	1047	1046	1050	1047	1047	1050	1057	1063	1077	1051
1996	:1094	1095	1102	1116	1128	1127	1132	1135	1136	1120	1116	1118	1118
1997	:1135	1140	1146	1155	1162	1156	1152	1153	1161	1150	1154	1152	1151
1998	:1144	1140	1129	1126	1123	1116	1113	1103	1090	1094	1096	1093	1114
1999	:1098	1097	1096	1097	1092	1098	1097						1096
1990-92 = 100													
1995	: 107	107	107	108	108	108	108	108	108	109	110	111	108
1996	: 113	113	114	115	116	116	117	117	117	115	115	115	115
1997	: 117	117	118	119	120	119	119	119	120	119	119	119	119
1998	: 118	117	116	116	116	115	115	114	112	113	113	113	115
1999	: 113	113	113	113	113	113	113						113
Feed													
1910-14 = 100													
1995	: 472	466	475	488	483	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	636	621	598	605	625	604	616	621	612
1998	: 599	593	576	554	546	535	542	518	496	489	502	507	538
1999	: 511	506	494	496	496	489	476						495
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	130	127	122	124	128	124	126	127	125
1998	: 123	122	118	113	112	110	111	106	102	100	103	104	110
1999	: 105	104	101	102	102	100	97						101

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	1169	1124	1073	1050	1025	1054	1029	1021	1016	1016	983	1005	1047
1996	939	929	917	877	889	930	956	990	1019	1009	1044	1047	962
1997	1092	1136	1144	1205	1226	1220	1282	1242	1231	1209	1198	1218	1200
1998	1199	1209	1169	1202	1172	1124	1062	1067	1019	1094	1100	1092	1126
1999	1155	1200	1178	1181	1143	1186	1179						1175
	1990-92 = 100												
1995	91	88	84	82	80	83	80	80	79	80	77	79	82
1996	73	73	72	69	70	73	75	77	80	79	82	82	75
1997	85	89	89	94	96	95	100	97	96	95	94	95	94
1998	94	95	91	94	92	88	83	83	80	86	86	85	88
1999	90	94	92	92	89	93	92						92
	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	1216	1216	1196	1196	1196	1196						1204
	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	123	123	121	121	121	121						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
-----													
	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	446	439	438	437	432	429	423	443
1998	426	422	423	416	420	419	416	410	403	401	396	391	412
1999	391	392	394	394	389	386	382						390
	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	124	122	120	120	119	118	117	115	121
1998	116	115	115	114	115	114	113	112	110	109	108	107	112
1999	107	107	108	107	106	105	104						106
	Agricultural Chemicals												
	1910-14 = 100												
1995	707	713	711	711	712	715	717	719	722	723	725	728	717
1996	734	736	738	736	731	731	726	733	743	741	741	742	736
1997	744	730	732	740	746	745	743	743	749	754	759	760	745
1998	763	760	760	755	755	757	754	760	738	747	745	746	753
1999	747	743	750	751	720	744	770						747
	1990-92 = 100												
1995	114	115	115	115	115	116	116	116	117	117	117	118	116
1996	119	119	119	119	118	118	117	119	120	120	120	120	119
1997	120	118	118	120	121	120	120	120	121	122	123	123	121
1998	123	123	123	122	122	122	122	123	119	121	120	121	122
1999	121	120	121	121	116	120	125						121

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/
Fuels													
1910-14 = 100													
1995	714	714	729	709	729	708	662	663	674	662	651	662	690
1996	693	670	708	813	821	752	757	766	832	880	884	896	789
1997	887	870	808	799	785	775	750	809	825	840	848	790	816
1998	733	700	657	686	717	686	675	658	687	698	687	606	682
1999	628	605	674	682	704	708	747						678
1990-92 = 100													
1995	93	92	94	92	94	92	86	86	87	86	84	86	89
1996	90	87	92	105	106	97	98	99	108	114	115	116	102
1997	115	113	105	104	102	100	97	105	107	109	110	102	106
1998	95	91	85	89	93	89	87	85	89	90	89	79	88
1999	81	78	87	88	91	92	97						88
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	814	817	817	819	820	820	816
1997	825	829	831	834	837	836	839	837	838	837	839	838	835
1998	838	839	840	845	844	846	848	848	851	855	851	850	846
1999	857	854	858	856	856	857	857						856
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	119	119	120	120	120	120	120	119
1999	121	120	121	121	121	121	121						121

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	:3176	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	:3182	3177	3168	3171	3164	3163	3161						3170
:													
:	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	119	119	119	119	119	119						119
:													
:	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	3202	3205	3207	3214	3221	3260	3263	3269	3216
1998	:3274	3279	3288	3300	3309	3321	3328	3339	3350	3389	3391	3399	3331
1999	:3414	3358	3369	3377	3377	3379	3380						3379
:													
:	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	128	128	128	130	130	130	128
1998	: 131	131	131	132	132	132	133	133	134	135	135	136	133
1999	: 136	134	134	135	135	135	135						135

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	1600	1602
1998	1599	1600	1604	1607	1606	1604	1609	1611	1610	1604	1602	1602	1605
1999	1606	1609	1614	1617	1621	1633	1645						1621
	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	119	118	118	118	118
1999	118	118	119	119	119	120	121						119
	Farm Services and Rent 2/												
	1910-14 = 100												
1995	1369	1372	1377	1377	1382	1392	1393	1395	1394	1389	1385	1383	1384
1996	1441	1439	1440	1438	1438	1444	1449	1449	1449	1442	1438	1437	1442
1997	1473	1473	1474	1472	1474	1484	1485	1483	1485	1475	1474	1471	1477
1998	1473	1470	1470	1470	1471	1480	1480	1478	1476	1470	1466	1465	1472
1999	1444	1444	1444	1444	1449	1459	1459						1449

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	116	117	117	117	116	115	115	115
1996	116	115	115	115	115	116	117	117	117	116	115	115	116
1997	116	116	116	115	116	117	117	117	117	116	116	115	116
1998	117	116	116	116	116	118	118	117	117	116	116	116	117
1999	115	115	115	115	116	118	118						116
Rent													
1990-92 = 100													
1995	117	117	117	117	117	117	117	117	117	117	117	117	117
1996	128	128	128	128	128	128	128	128	128	128	128	128	128
1997	136	136	136	136	136	136	136	136	136	136	136	136	136
1998	134	134	134	134	134	134	134	134	134	134	134	134	134
1999	130	130	130	130	130	130	130						130
Interest													
1910-14 = 100													
1995	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548	2548
1996	2652	2652	2652	2652	2652	2652	2652	2652	2652	2652	2652	2652	2652
1997	2662	2662	2662	2662	2662	2662	2662	2662	2662	2662	2662	2662	2662
1998	2739	2739	2739	2739	2739	2739	2739	2739	2739	2739	2739	2739	2739
1999	2757	2757	2757	2757	2757	2757	2757						2757
1990-92 = 100													
1995	102	102	102	102	102	102	102	102	102	102	102	102	102
1996	106	106	106	106	106	106	106	106	106	106	106	106	106
1997	106	106	106	106	106	106	106	106	106	106	106	106	106
1998	109	109	109	109	109	109	109	109	109	109	109	109	109
1999	110	110	110	110	110	110	110						110

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	:3214	3214	3214	3214	3214	3214	3214						3214
-----													
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	: 120	120	120	120	120	120	120						120
-----													
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	4542	4542	4542	4446	4446	4446	4723	4723	4723	4591
1998	:4917	4917	4917	4840	4840	4840	4678	4678	4678	4911	4911	4911	4836
1999	:5130	5130	5130	5066	5066	5066	5066						5094
-----													
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	121	121	121	119	119	119	126	126	126	123
1998	: 131	131	131	129	129	129	125	125	125	131	131	131	129
1999	: 137	137	137	135	135	135	135						136

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	:1560	1562	1567	1579	1579	1579	1579						1572
-----													
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	122	122	123	123	123	123						123
-----													
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	117	115	114	114	116	113	114	115	113
1998	: 112	112	109	108	106	104	103	100	97	98	100	100	104
1999	: 102	103	101	101	100	100	99						101
-----													
Production Items With Non-Farm Origin 3/													
1990-92 = 100													
1995	: 113	114	114	115	115	115	115	115	115	115	115	115	115
1996	: 118	118	119	120	119	119	119	119	120	120	120	120	119
1997	: 122	122	121	121	121	121	121	121	122	121	121	121	121
1998	: 121	120	120	120	120	120	120	120	120	120	119	119	120
1999	: 118	118	119	119	119	119	120						119

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	112	112	112	112	113	113	113	113	113	113	113	113	113
1996	116	116	117	117	117	117	117	117	117	118	118	118	117
1997	120	120	120	120	120	120	119	120	120	120	120	120	120
1998	121	120	120	120	120	120	120	120	119	120	120	120	120
1999	120	120	120	120	120	120	121						120
Livestock Sector (PPITW)													
1990-92 = 100													
1995	106	105	105	106	105	106	106	106	106	107	108	109	106
1996	111	111	111	112	114	114	115	115	115	113	113	113	113
1997	114	115	116	117	118	117	117	117	118	117	117	117	117
1998	117	117	115	115	114	113	113	112	110	111	112	112	113
1999	113	113	112	113	112	113	112						113
Commodities and Services, Interest, Taxes, and Wage Rates													
Adjusted for Productivity													
1910-14 = 100													
1995	980	981	982	971	971	973	985	985	987	982	983	985	980
1996	1013	1014	1017	1015	1017	1017	1010	1010	1012	1028	1028	1028	1017
1997	1028	1030	1032	1026	1027	1027	1019	1020	1022	1040	1040	1040	1029
1998	1055	1054	1053	1048	1048	1047	1035	1034	1032	1049	1050	1049	1046
1999	1058	1058	1059	1057	1056	1057	1057						1057

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/
Parity Ratio 2/													
1910-14 = 100													
1995	43	43	43	44	44	44	44	45	45	45	46	46	44
1996	46	45	46	45	46	49	49	48	48	46	46	45	47
1997	44	43	44	43	43	43	43	43	43	43	43	42	43
1998	41	41	41	42	42	42	42	42	41	41	41	41	41
1999	40	39	39	39	40	40	38						39
Adjusted Parity Ratio 3/													
1910-14 = 100													
1995	45	45	45	45	46	46	46	47	47	47	47	48	46
1996	47	46	48	47	48	51	51	50	50	48	47	46	48
1997	45	44	45	44	45	45	45	45	45	45	45	44	45
1998	44	43	44	45	45	44	44	44	44	43	44	43	44
1999	42	42	42	41	43	42	41						42
Ratio													
1990-92 = 100													
1995	91	91	91	91	92	92	94	94	95	95	96	97	93
1996	96	94	96	94	97	103	103	101	100	97	96	94	98
1997	91	90	92	90	91	90	91	92	90	90	90	88	90
1998	87	85	86	88	88	87	88	87	86	85	85	84	86
1999	84	83	83	83	84	84	81						83

- 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	99	98	94	82	78	81	82	85	94
1999	87	87	87	86	84	83	71						83
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	129	128	125	125	127	124	125	126	125
1998	121	119	118	115	113	112	114	112	106	104	107	109	113
1999	109	108	105	106	105	105	105						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	126	122	130
1998	123	125	123	122	128	117	114	116	112	110	106	103	116
1999	104	104	103	104	114	105	101						105
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	148	143	142	145	160	133	146	149	139
1998	131	131	122	110	109	110	121	108	104	98	104	104	113
1999	103	98	94	95	93	95	97						96

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/
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	124	123	115	117	124	129	134	139	126
1998	139	133	125	122	117	109	110	109	107	108	114	118	117
1999	120	122	116	118	116	113	109						116
Livestock and Poultry Sub-Components													
Feeder Cattle													
1990-92 = 100													
1995	93	88	83	79	76	79	79	78	78	77	73	76	80
1996	70	68	66	62	64	69	72	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	91	88	88	84	89	93						89
Feeder Pigs													
1990-92 = 100													
1995	61	61	61	84	84	84	60	60	60	73	73	73	70
1996	67	73	81	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	66	96	103	106	109	96	53						90
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	111	111	110	110	110	113						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	102	102	102	102	102	102	102	102	102	102	102	102	102
1997	106	106	106	106	106	106	106	106	106	106	106	106	106
1998	110	110	110	110	110	110	110	110	110	110	110	110	110
1999	110	110	110	110	110	110	110						110
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	123	123	121	121	121	121						122
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	123	123	121	121	121	121						121
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	117	117	117	116	116	116	117
1998	119	118	118	117	116	116	116	116	116	115	115	114	116
1999	115	115	115	115	115	115	115						115

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/
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	134	130	126	126	125	122	121	117	129
1998	115	114	114	111	113	112	110	106	102	101	98	95	108
1999	95	96	97	97	94	91	89						94
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	108	109	109	109	110	111	109
1998	111	111	112	114	115	115	115	116	115	118	118	117	115
1999	117	116	116	116	115	115	115						116
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	119	120	120	117
1998	120	119	119	118	117	118	118	120	114	115	115	116	117
1999	115	113	115	116	113	113	113						114
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	129	130	128	128	132	132	133	134	130
1998	135	136	136	136	136	135	133	134	134	139	136	135	135
1999	137	140	139	139	125	141	160						140

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	116	117	117	117	117	117	117	117	117	117
1996	117	117	117	117	117	117	117	117	118	116	117	117	117
1997	118	118	118	120	119	119	120	120	120	120	120	120	119
1998	121	120	120	119	120	120	121	117	118	118	119	119	119
1999	120	120	119	120	120	120	120						120
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	94	90	97	97	103	106	96	100
1998	89	85	80	84	85	79	78	79	86	86	85	73	82
1999	76	70	82	83	83	84	88						81
Gasoline													
1990-92 = 100													
1995	97	97	99	97	103	101	94	92	91	86	81	84	93
1996	90	87	95	106	112	106	104	103	105	106	110	110	103
1997	111	109	108	107	109	108	106	114	118	112	109	105	110
1998	98	93	87	92	101	101	100	94	94	98	95	83	95
1999	91	89	94	96	98	94	97						94
LP Gas													
1990-92 = 100													
1995	106	111	109	96	95	98	91	87	87	89	89	90	96
1996	97	100	101	105	99	98	100	107	118	128	138	156	112
1997	157	142	119	111	104	110	105	111	119	125	129	124	121
1998	115	110	104	100	102	96	91	89	86	87	92	92	97
1999	80	84	91	91	109	122	136						102

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	116	116	116	115	116	115	115	115
1999	117	116	117	117	117	117	117						117
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	121	121	121	121	121	122	123	122	122	121
1999	123	123	123	123	123	123	123						123
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	113	113	112	112	112	111	111						112
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	120	120	120	120	120	120						120

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	132	132	132	130
1999 :	132	132	132	132	132	132	132						132
:													
:	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	127	127	127	128	129	129	130	128
1998 :	130	130	130	131	131	132	133	133	134	136	136	136	133
1999 :	137	133	133	134	134	134	133						134
:													
:	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	129	130	130	130	131	131	131	132	130
1998 :	132	132	133	133	134	134	134	135	136	136	137	137	134
1999 :	137	136	137	137	137	138	138						137
:													
:	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 :	117	117	117	117	117	117	117	117	117	117	117	117	117
1999 :	115	115	115	115	115	115	115						115

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	115	117	117	118	117	117	116	116	116
1996	116	116	116	116	115	116	117	117	117	116	115	115	116
1997	116	116	116	116	116	117	118	117	118	116	116	115	116
1998	117	116	116	116	116	118	118	117	117	116	115	115	117
1999	116	116	115	115	116	118	118						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	141	141	141	141	141	141	141	141	141	141	141	141	141
1999	141	141	141	141	141	141	141						141
-----													
	Share												
	1990-92 = 100												
1995	113	113	113	113	113	113	113	113	113	113	113	113	113
1996	128	128	128	128	128	128	128	128	128	128	128	128	128
1997	136	136	136	136	136	136	136	136	136	136	136	136	136
1998	129	129	129	129	129	129	129	129	129	129	129	129	129
1999	121	121	121	121	121	121	121						121

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



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