



United States  
Department of  
Agriculture

# Agricultural Cash Rents

National  
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## 2002 Cropland Cash Rents Up Slightly, Pasture Rent Unchanged

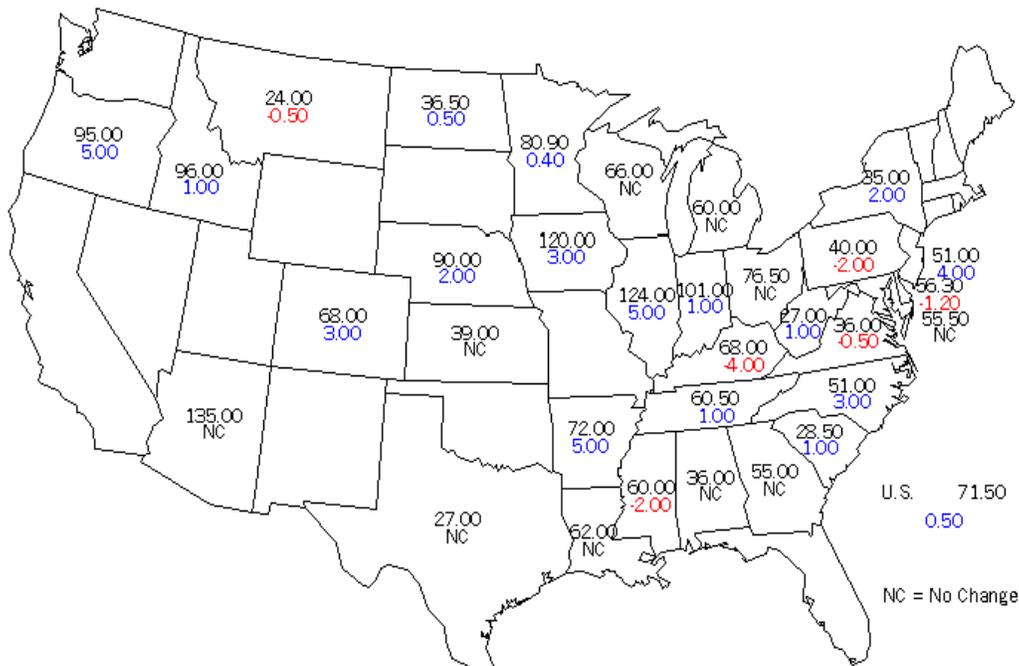
Low commodity prices and extended drought in large areas of the U. S. have moderated the long term trend towards higher cash rents. The U.S. cropland cash rent in 2002 was up \$.50 from last year to \$71.50 per acre. The Lake, Corn Belt, and Northern Plains Regions, which account for the majority of cash rented acreage, increased 2 percent from 2001. The Lake Region was up \$1.00 to \$74.00 per acre, while the Corn Belt increased by \$3.00 to \$109.00. However, five of the ten regions decreased from last year, with the Pacific Region having the largest decline at \$5.00 per acre.

The major corn producing states of Illinois, Indiana, and Iowa all showed increases for cropland cash rents. Illinois had the highest cash rent at \$124.00, and the highest rent increase, at \$5.00 per acre. Iowa increased by \$3.00 to \$120.00 per acre. Three of the four states in the Northern Plains showed increases in cropland cash rents, but Kansas remained the same at \$39 per acre. Arizona, California, Idaho, Nebraska, Oregon, and Washington all showed irrigated cropland cash rents exceeding \$110 per acre. California again had the highest cash rent for irrigated cropland at \$300 per acre.

Pasture cash rent at the U.S. level was unchanged from last year at \$9.20 per acre. Increases for the Corn Belt, Lake States, Southeast, and Delta Regions were offset by decreases in the Northeast, Northern Plains, Appalachian, and Mountain Regions.

Wisconsin again had the highest pasture rent at \$38.00 per acre, an increase of \$2.00 over last year. Pasture rent changes in the major States offset each other as Nebraska, North Dakota, South Dakota, and Colorado showed decreases while Montana, Oklahoma, and Missouri showed increases. Texas and Kansas showed no change from last year.

### 2002 Cropland Cash Rents Dollars Per Acre and Change From 2001



**Cropland Rented for Cash: Average Cash Rent per Acre,  
by Region and State, 1998-02 <sup>1 2</sup>**

Region, State and Land Type	1998	1999	2000	2001	2002
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
<b>Northeast:</b>	40.00	40.00	40.00	*42.00	41.00
DE	58.00	56.00	56.20	57.50	56.30
MD	54.00	54.20	54.20	55.50	55.50
NJ	50.60	53.10	51.00	47.00	51.00
NY	32.00	31.00	32.00	33.00	35.00
PA	40.00	41.00	40.00	42.00	40.00
<b>Lake States:</b>	69.50	69.00	72.00	73.00	74.00
MI	60.00	60.00	60.00	60.00	60.00
MN	77.40	75.60	77.90	80.50	80.90
WI	60.00	62.00	65.00	66.00	66.00
<b>Corn Belt:</b>	100.00	101.00	103.00	*106.00	109.00
IL	111.00	111.00	119.00	119.00	124.00
IN	98.00	99.00	100.00	100.00	101.00
IA	113.00	112.00	115.00	117.00	120.00
MO					
Non-Irrigated	57.00	59.00	62.00	65.00	65.00
OH	73.20	73.70	74.00	76.50	76.50
<b>Northern Plains:</b>	44.50	44.50	45.50	*47.00	47.50
KS	36.80	36.00	36.50	39.00	39.00
Irrigated	67.00	66.00	67.00	72.00	70.00
Non-irrigated	35.50	35.00	35.50	36.00	36.00
NE	88.40	86.90	88.00	88.00	90.00
Irrigated	117.00	115.00	117.00	117.00	121.00
Non-Irrigated	65.70	64.50	66.00	65.00	65.00
ND	35.00	35.50	35.50	36.00	36.50
SD					
Non-Irrigated	36.50	38.00	39.80	40.00	42.00
<b>Appalachian:</b>	46.00	48.00	50.00	*52.00	51.00
KY	65.00	70.00	74.00	72.00	68.00
NC	43.00	45.00	45.00	48.00	51.00
TN	57.00	62.00	60.00	59.50	60.50
VA	35.00	35.70	36.50	36.50	36.00
WV	29.00	28.00	26.00	26.00	27.00
<b>Southeast:</b>	41.00	39.50	42.00	46.00	46.00
AL	35.00	31.00	33.00	36.00	36.00
FL					
Non-Irrigated	30.00	30.00	32.00	32.00	32.00
GA	47.00	47.30	50.00	*55.00	55.00
Irrigated	85.00	90.00	91.00	*103.00	103.00
Non-Irrigated	37.00	37.20	39.10	38.00	39.00
SC	22.50	22.00	24.20	27.50	28.50
<b>Delta States:</b>	57.00	59.20	62.00	64.00	62.50
AR	70.00	67.00	69.00	67.00	72.00
Irrigated	80.00	78.00	80.00	78.00	81.00
Non-Irrigated	53.00	50.00	50.00	*48.00	55.00
LA	55.00	56.90	55.20	62.00	62.00
Irrigated	70.00	70.00	70.00	74.00	73.00
Non-Irrigated	49.00	49.60	51.90	56.00	57.00
MS	55.60	58.00	61.00	62.00	60.00
Irrigated	67.30	76.00	80.00	79.00	79.00
Non-Irrigated	47.90	49.20	52.00	54.00	52.00

**Cropland Rented for Cash: Average Cash Rent per Acre,  
by Region and State, 1998-02 <sup>1 2</sup> (continued)**

Region, State and Land Type	1998	1999	2000	2001	2002
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
<b>Southern Plains:</b>	25.50	25.00	27.00	*27.80	28.00
OK					
Non-Irrigated	25.60	27.00	26.00	27.00	27.00
TX	26.00	24.00	27.00	27.00	27.00
Irrigated	51.00	49.00	53.00	53.00	51.00
Non-Irrigated	20.00	18.00	21.00	21.00	21.00
<b>Mountain:</b>	60.00	63.00	59.00	61.00	59.50
AZ					
Irrigated	134.00	140.00	135.00	135.00	135.00
CO	56.30	58.00	55.00	65.00	68.00
Irrigated	90.00	95.00	90.00	100.00	95.00
Non-Irrigated	18.50	18.00	18.00	22.00	21.00
ID	90.00	94.00	98.00	95.00	96.00
Irrigated	110.00	115.00	120.00	115.00	116.00
Non-Irrigated	45.00	45.00	44.00	48.00	50.00
MT	21.60	25.00	23.80	24.50	24.00
Irrigated	51.50	54.00	49.70	46.00	46.50
Non-Irrigated	17.00	18.00	17.30	18.00	18.50
UT					
Irrigated	60.00	57.00	57.00	58.00	62.00
<b>Pacific:</b>	166.00	176.00	180.00	*185.00	180.00
CA					
Irrigated	235.00	260.00	300.00	*310.00	310.00
OR	76.00	85.00	90.00	90.00	95.00
Irrigated	105.00	105.00	120.00	110.00	115.00
Non-Irrigated	66.00	66.00	67.00	70.00	70.00
WA					
Irrigated	147.00	153.00	160.00	165.00	160.00
<b>48 States</b>	66.50	67.50	70.00	71.00	71.50

\* Revised.

<sup>1</sup> Unless otherwise specified as irrigated or non-irrigated, data are for all cropland.

<sup>2</sup> See page 5 for definition of Regions.

**Pasture Rented for Cash: Average Cash Rent per Acre,  
by Region and State, 1998-02 <sup>1 2</sup>**

Region and State	1998	1999	2000	2001	2002
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
<b>Northeast:</b>	31.00	27.00	24.00	23.00	18.20
PA	37.00	36.00	32.00	32.00	28.00
<b>Lake States:</b>	25.30	27.60	24.00	22.00	23.00
MN	16.00	17.00	18.00	19.00	19.00
WI	34.00	38.00	38.00	36.00	38.00
<b>Corn Belt:</b>	25.30	25.00	24.50	26.50	27.00
IL	32.00	31.00	33.00	33.00	30.00
IA	34.00	31.00	29.00	30.00	29.70
MO	18.00	18.50	20.00	22.50	23.60
<b>Northern Plains:</b>	10.50	10.80	11.20	11.40	10.70
KS	13.00	13.30	12.80	12.60	12.60
NE	10.70	10.90	11.30	11.30	10.70
ND	9.20	9.30	9.50	9.80	9.70
SD	9.70	10.20	11.00	*11.00	10.80
<b>Appalachian:</b>	17.50	17.20	18.00	19.00	18.00
NC	22.00	21.00	21.00	22.00	21.50
TN	18.00	16.40	18.00	18.00	16.50
VA	15.50	15.50	16.00	16.50	16.00
<b>Southeast:</b>	15.90	16.00	17.20	17.40	18.00
AL	15.50	15.00	17.00	18.00	18.00
FL	14.00	14.00	15.00	*15.00	15.00
GA	20.60	20.80	22.00	23.00	23.00
<b>Delta States:</b>	15.00	13.90	13.80	15.50	16.00
LA	16.00	15.50	14.00	16.00	16.00
MS	14.50	13.50	14.00	16.00	18.00
<b>Southern Plains:</b>	6.90	7.30	6.30	7.50	7.50
OK	7.80	8.30	7.80	8.30	8.50
TX	6.60	6.90	6.00	7.20	7.20
<b>Mountain:</b>	4.00	4.10	3.80	3.80	3.60
CO	5.00	4.80	5.20	4.80	4.00
MT	4.50	5.10	4.80	4.50	5.00
NM	1.50	1.70	1.70	1.60	1.60
UT	11.00	12.00	11.00	13.00	9.00
WY	( <sup>2</sup> )	4.00	3.50	3.50	3.80
<b>Pacific:</b>	13.00	12.00	11.00	13.00	13.00
CA	12.00	10.00	9.00	11.00	11.00
<b>48 States</b>	8.80	8.90	8.50	9.20	9.20

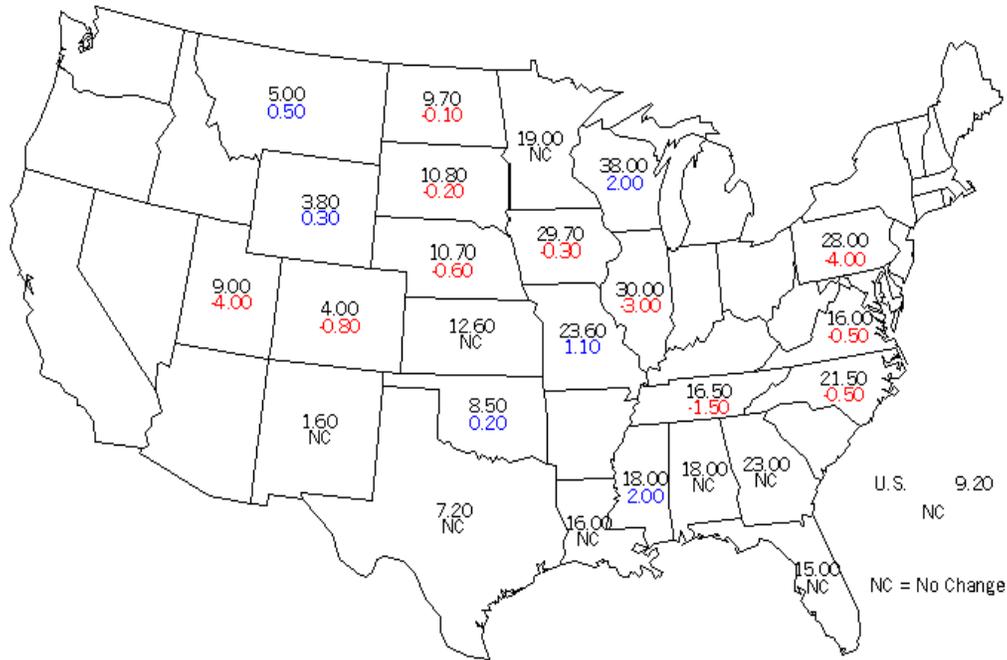
\* Revised.

<sup>1</sup> See page 5 for definition of Regions.

<sup>2</sup> Insufficient data.

# 2002 Pasture Cash Rents

## Dollars Per Acre and Change From 2001



**Regions:**

- Northeast: . . . . . CT, DE, ME, MD, MA, NH, NJ, NY, PA, RI, VT.
- Lake States: . . . . . MI, MN, WI.
- Corn Belt: . . . . . IL, IN, IA, MO, OH.
- Northern Plains: . . . . . KS, NE, ND, SD.
- Appalachian: . . . . . KY, NC, TN, VA, WV.
- Southeast: . . . . . AL, FL, GA, SC.
- Delta States: . . . . . AR, LA, MS.
- Southern Plains: . . . . . OK, TX.
- Mountain: . . . . . AZ, CO, ID, MT, NV, NM, UT, WY.
- Pacific: . . . . . CA, OR, WA.

## Reliability of Cash Rents in this Report

**Survey Procedures:** The cash rent estimates in this report are based primarily on the June Area Survey, conducted during the first 2 weeks of June. This annual survey uses a complete, probability-based area sampling frame with a sample of approximately 10,800 segments, which average roughly 1 square mile in size. Enumerators conducting the area survey contact all farmers operating land within the sampled segments and collect information on actual cash rental rates paid.

**Estimating Procedures:** Survey reported data are reviewed for reasonableness and consistency with historical estimates. Each State Statistical Office submits their estimates and analysis of the current situation to the Agricultural Statistics Board. Survey data are also compiled at the National level and reviewed independently of each State's review. Cash Rent estimates are based on survey indications and the historical relationship of official estimates to survey indications and administrative data.

**Revision Policy:** This year's cash rent estimates are subject to revision the following year and following the five-year Census of Agriculture. The basis for revision must be supported by additional data that directly affect the level of the estimate.

**Reliability:** The survey used to make cash rent estimates is subject to sampling and non-sampling errors that are common to all surveys. Both types affect the "accuracy" of the estimates. Sampling error occurs because a complete census is not taken. The sampling error measures the variation in estimates from the average of all possible samples. Sampling errors cannot be applied directly to the values published in this report to determine confidence intervals since the official estimates represent a composite of information from more than a single source. An estimate of 100 with a sampling error of 1 would mean that chances are 19 out of 20 (95 percent confidence interval) that the estimates from all possible samples averaged together would be between 98 and 102; which is the survey indication plus or minus two times the sampling error. The 2002 cash rent sampling errors for estimating States ranged from 1 percent to 21 percent for cropland rents and from 1 percent to 15 percent for pasture rents.

Non-sampling errors cannot be measured directly and can occur in complete censuses as well as sample surveys. They are caused by the inability to obtain correct information from each person sampled, differences in interpreting questions or definitions, and mistakes in coding or processing data. To minimize non-sampling errors, vigorous quality controls are used in the data collection process and all data are carefully reviewed for consistency and reasonableness.

Released July 12, 2002, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, U.S. Department of Agriculture. For information on "Agricultural Cash Rents" call Larry Beard at (202) 720-4214, office hours 7:30 a.m. to 4:00 p.m. ET.

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