



Farm Labor

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All Hired Workers Down 2 Percent, Wage Rates Up Over 3 Percent From a Year Ago

There were 1.22 million hired workers on the Nation's farms and ranches the week of October 7-13, 2001, 2 percent fewer than a year ago. There were 959,000 workers hired directly by farm operators. Agricultural service employees on farms and ranches made up the remaining 262,000 workers. Migrant workers accounted for 12.1 percent of the October hired workforce, compared with 11.3 percent in October 2000.

Farm operators paid their hired workers an average wage rate of \$8.58 per hour during the October 2001 survey week, up 29 cents from a year earlier. Field workers received an average of \$8.01 per hour, up 27 cents from last October. Livestock workers earned \$8.36 per hour compared with \$7.84 a year earlier. The field and livestock worker combined wage rate at \$8.08 was up 32 cents from last year.

Number of hours worked averaged 41.5 hours per week for hired workers during the survey week compared with 41.2 hours a year ago.

The largest increases in number of hired farm workers over last year occurred in the Pacific (Oregon and Washington) and Corn Belt II (Iowa and Missouri) regions. In the Pacific region, more workers were employed to complete fall seeding and harvesting, prepare for Christmas trees harvest, and complete horticultural activities. Ranchers were active with supplemental feeding of cattle, weaning and vaccinating calves, and moving cattle to market. In the Corn Belt II region, widespread rains early in the survey week delayed harvesting activities. As fields dried during the week, more hired, supervisory, and other workers were employed to complete harvest.

The largest decreases in number of hired farm workers from a year ago were in the Mountain I (Idaho, Montana, and Wyoming), Mountain II (Colorado, Nevada, and Utah), Mountain III (Arizona and New Mexico), and Appalachian I (North Carolina and Virginia) regions. Fall harvesting and seeding activities were near completion across much of the three Mountain regions. Dry, cool weather in the Appalachian I region allowed fall harvesting and seeding activities to advance toward completion.

Hired farm worker wage rates were above a year ago in all regions, except Northeast I (New England and New York), Northeast II (Delaware, Maryland, New Jersey, and Pennsylvania), and Mountain I regions. The largest increases occurred in the Corn Belt I (Illinois, Indiana, and Ohio) and Corn Belt II regions. The higher wage rates in the Corn Belt regions were attributed to fewer lower paid field and livestock workers and more higher paid supervisory and other workers as widespread rains during the survey week hampered field activities.

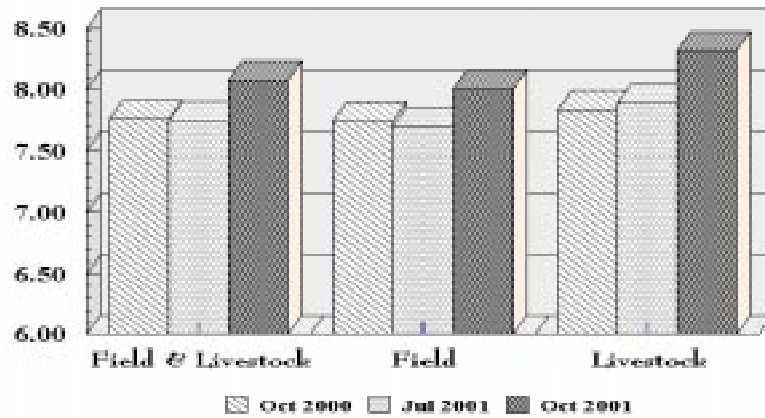
Regions showing slight declines in the hired farm worker wage rates were the Northeast I, Northeast II, and Mountain I regions. Declines of hired wage rates in the Northeast I region were generally related to fewer higher paid field workers, as crops progressed well during the growing season and harvest was complete. In the Northeast II region, fall harvest proceeded well ahead of the October 2000 harvest. In the same region, hired workers averaged more hours during the survey week. Fewer workers in the Mountain I region combined with more hours worked during the week resulted in the slight decline in wage rates for the region.

The 2001 annual averages for the Nation's self-employed, unpaid, and hired workers were 1.56 million, 490,000 and 873,300, respectively. The annual average for self-employed workers was down 1 percent from a year ago, while the annual average for unpaid workers was up 1 percent. The hired worker annual average was down 2 percent from October 2000.

The 2001 U.S. hired worker annual average wage rate was \$8.44, up 4 percent from the 2000 annual average wage rate of \$8.10. The Field and Livestock worker combined annual average wage rate was \$7.86, up 4 percent from last year's annual average wage rate of \$7.54.

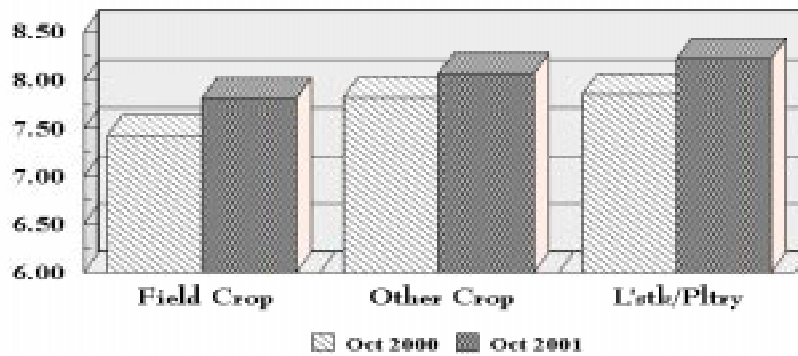
U.S. Wage Rates by Type of Worker

Dollars/Hour



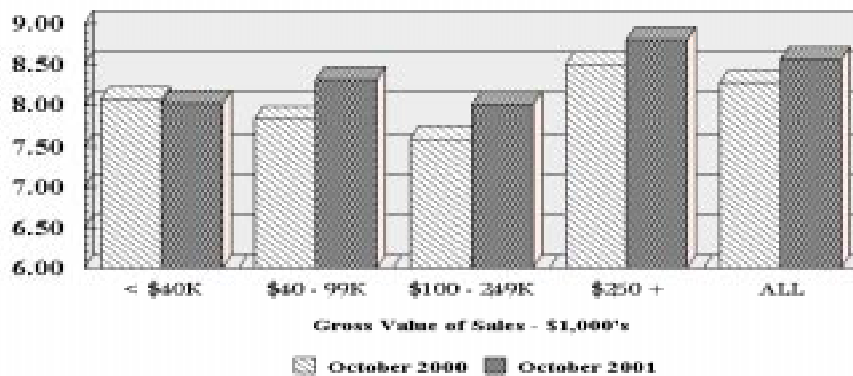
Wage Rate of Field & Livestock Workers By Type of Farm

Dollars/Hour



Wage Rates of All Hired Workers by Economic Class of Farm

Dollars/Hour



**Farm Labor: Employment and Wage Rates, United States,
October 7-13, 2001, with Comparisons ¹**

Farm Employment	October 8-14, 2000	July 8-14, 2001	October 7-13, 2001
	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>
Hired Workers	952	1,039	959
150 Days or More	662	722	676
149 Days or Less	290	317	283
Agricultural Services Workers Working on Farms	288	335	262
Hired Farm & Service Workers	1,240	1,374	1,221
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Migrant Workers Percent of Hired Farm & Service Workers	11.3	11.1	12.1
	<i>Hours per Week</i>	<i>Hours per Week</i>	<i>Hours per Week</i>
Hours Worked Hired	41.2	39.9	41.5
	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>
Wage Rates for All Hired Workers ^{2 3}	8.29	8.29	8.58
Type of Worker			
Field & Livestock Combined	7.76	7.75	8.08
Field	7.74	7.70	8.01
Livestock	7.84	7.89	8.36

¹ Excludes AK.

² Benefits, such as housing and meals, are provided some workers but the values are not included in the wage rates.

³ Excludes Agricultural Service Workers.

**Hired Workers: Number and Hours Worked by Region
and United States, October 7-13, 2001 ¹**

U.S. and Region ²	Hired			
	Number of Workers	Expected to be Employed		Number of Hours Worked
		150 Days or More	149 Days or Less	
	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>Hours per Week</i>
Northeast I	48	35	13	40.7
Northeast II	45	35	10	44.2
Appalachian I	40	24	16	35.2
Appalachian II	29	17	12	38.8
Southeast	37	27	10	38.1
FL	51	44	7	41.8
Lake	74	42	32	40.7
Cornbelt I	57	43	14	36.2
Cornbelt II	41	25	16	34.4
Delta	43	31	12	43.0
Northern Plains	41	26	15	41.0
Southern Plains	68	54	14	40.0
Mountain I	27	20	7	42.4
Mountain II	21	13	8	43.5
Mountain III	17	14	3	46.6
Pacific	89	51	38	39.4
CA	223	168	55	46.6
HI	8	7	1	37.6
US ³	959	676	283	41.5

¹ Excludes Agricultural Service Workers.

² Region map on page 13.

³ Excludes AK.

**Hired Workers: Wage Rates for Type of Workers and All Hired Workers
by Region and United States, October 7-13, 2001 ¹**

U.S. and Region ²	Type of Worker			Wage Rates for All Hired Workers
	Field	Livestock	Field & Lvstk Combined	
	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>
Northeast I	8.24	7.50	8.03	8.79
Northeast II	7.21	7.33	7.24	7.97
Appalachian I	7.52	8.57	7.80	8.26
Appalachian II	7.04	7.77	7.33	7.59
Southeast	7.61	7.28	7.56	8.07
FL	7.70	8.00	7.74	8.84
Lake	9.14	8.59	8.97	9.21
Cornbelt I	8.84	9.29	8.91	9.53
Cornbelt II	8.06	9.26	8.52	8.78
Delta	6.83	7.37	6.91	7.13
Northern Plains	8.37	8.46	8.40	8.68
Southern Plains	7.16	7.97	7.52	8.01
Mountain I	6.99	7.70	7.31	7.72
Mountain II	7.65	8.09	7.78	8.08
Mountain III	6.87	8.13	7.25	7.85
Pacific	9.34	9.87	9.39	9.70
CA	7.91	9.56	8.04	8.56
HI ⁴	9.32		9.39	10.78
US ³	8.01	8.36	8.08	8.58

¹ Excludes Agricultural Service Workers.

² Region map on page 13.

³ Excludes AK.

⁴ Insufficient data for livestock.

**Hired Workers: Number and Hours Worked by Region
and United States, July 8-14, 2001 ¹**

U.S. and Region ²	Hired			
	Number of Workers	Expected to be Employed		Number of Hours Worked
		150 Days or More	149 Days or Less	
	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>Hours per Week</i>
Northeast I	52	37	15	39.9
Northeast II	50	35	15	40.5
Appalachian I	62	36	26	36.7
Appalachian II	39	21	18	30.9
Southeast	32	22	10	35.7
FL	48	43	5	40.8
Lake	76	46	30	36.9
Cornbelt I	69	44	25	31.0
Cornbelt II	29	18	11	35.7
Delta	37	27	10	41.6
Northern Plains	38	28	10	41.7
Southern Plains	85	62	23	38.3
Mountain I	34	24	10	46.0
Mountain II	24	19	5	47.0
Mountain III	18	15	3	47.7
Pacific	97	47	50	40.1
CA	242	192	50	44.3
HI	7	6	1	38.3
US ³	1,039	722	317	39.9

¹ Excludes Agricultural Service Workers.

² Region map on page 13.

³ Excludes AK.

**Hired Workers: Wage Rates for Type of Worker and All Hired Workers
by Region and United States, July 8-14, 2001 ¹**

U.S. and Region ²	Type of Worker			Wage Rates for All Hired Workers
	Field	Livestock	Field & Lvstk Combined	
	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>
Northeast I	8.12	7.19	7.79	8.26
Northeast II	7.41	7.85	7.50	8.23
Appalachian I	7.22	7.89	7.39	7.79
Appalachian II	6.77	7.34	7.04	7.29
Southeast	7.19	7.50	7.26	7.69
FL	7.50	7.65	7.53	8.65
Lake	8.21	7.66	8.00	8.38
Cornbelt I	7.65	8.13	7.75	8.66
Cornbelt II	7.80	8.08	7.94	8.10
Delta	6.63	6.47	6.60	6.93
Northern Plains	7.96	7.98	7.97	8.24
Southern Plains	6.58	7.23	6.85	7.23
Mountain I	7.08	7.73	7.37	7.61
Mountain II	7.36	8.05	7.64	8.28
Mountain III	7.00	8.52	7.46	8.12
Pacific	8.41	9.40	8.50	8.88
CA	7.97	9.49	8.10	8.76
HI ⁴	9.55		9.60	11.21
US ³	7.70	7.89	7.75	8.29

¹ Excludes Agricultural Service Workers.

² Region map on page 13.

³ Excludes AK.

⁴ Insufficient data for livestock.

**Hired Workers: Number and Hours Worked by Region
and United States, October 8-14, 2000 ¹**

U.S. and Region ²	Hired			
	Number of Workers	Expected to be Employed		Number of Hours Worked
		150 Days or More ³	149 Days or Less ³	
	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>Hours per Week</i>
Northeast I	50	32	18	41.5
Northeast II	45	33	12	41.7
Appalachian I	40	23	17	36.2
Appalachian II	33	16	17	37.8
Southeast	33	22	11	35.1
FL	50	43	7	38.9
Lake	71	49	22	40.2
Cornbelt I	56	35	21	39.7
Cornbelt II	31	20	11	37.3
Delta	42	31	11	45.0
Northern Plains	33	24	9	54.4
Southern Plains	61	49	12	37.3
Mountain I	34	22	12	39.4
Mountain II	24	16	8	40.9
Mountain III	21	18	3	43.6
Pacific	78	38	40	42.3
CA	242	184	58	43.2
HI	8	7	1	35.8
US ³	952	662	290	41.2

¹ Excludes Agricultural Service Workers.

² Region map on page 13.

³ Excludes AK.

**Hired Workers: Wage Rates for Type of Worker and All Hired Workers
by Region and United States, October 8-14, 2000 ¹**

U.S. and Region ²	Type of Worker			Wage Rates for All Hired Workers
	Field	Livestock	Field & Lvstk Combined	
	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>
Northeast I	8.77	7.98	8.62	9.12
Northeast II	7.44	6.67	7.26	8.04
Appalachian I	7.21	7.56	7.28	7.65
Appalachian II	6.40	7.03	6.57	7.03
Southeast	6.89	7.02	6.93	7.28
FL	8.00	7.30	7.86	8.72
Lake	8.40	8.35	8.39	9.05
Cornbelt I	8.07	7.86	8.03	8.39
Cornbelt II	7.41	8.19	7.72	7.90
Delta	6.76	7.13	6.82	7.06
Northern Plains	8.21	8.23	8.22	8.41
Southern Plains	6.71	7.30	6.95	7.59
Mountain I	7.39	8.10	7.64	7.80
Mountain II	7.29	7.71	7.44	7.82
Mountain III	6.71	7.73	6.96	7.52
Pacific	8.79	9.00	8.81	9.24
CA	7.70	8.65	7.79	8.44
HI ⁴	9.05		9.07	10.73
US ³	7.74	7.84	7.76	8.29

¹ Excludes Agricultural Service Workers.

² Region map on page 13.

³ Excludes AK.

⁴ Insufficient data for livestock.

**Field and Livestock Workers Combined: Wage Rates, by Type
of Farm, by Region and 48 States ¹**

Region ²	October 8-14, 2000				October 7-13, 2001			
	Field Crops	Other Crops	L'stk & Poultry	All Farms	Field Crops	Other Crops	L'stk & Poultry	All Farms
	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>
Northeast	7.44	8.30	7.31	7.97	6.67	8.06	7.03	7.63
Appalachian	6.73	7.47	6.77	6.95	6.94	7.67	7.96	7.59
Southeast	6.29	7.66	7.36	7.51	6.88	7.64	8.10	7.67
Lake	7.61	8.02	8.87	8.39	(³)	8.64	8.71	8.97
Cornbelt	8.12	7.72	7.79	7.92	8.60	8.77	8.86	8.74
Delta	6.72	6.93	7.01	6.82	6.83	6.74	7.44	6.91
Northern Plains	7.93	8.80	7.94	8.22	7.70	(³)	8.44	8.40
Southern Plains	7.11	6.07	7.41	6.95	6.82	6.98	7.98	7.52
Mountain	7.44	7.09	7.70	7.40	7.13	7.24	7.71	7.44
Pacific	8.25	7.91	8.77	8.04	8.19	8.26	9.63	8.37
48 States	7.43	7.82	7.85	7.76	7.82	8.08	8.23	8.08

**All Hired Workers: Wage Rates, by Economic Class of Farm
by Region and 48 States ¹**

Region ²	October 8-14, 2000					October 7-13, 2001				
	Gross Value Sales-\$1000's				All Farms	Gross Value Sales-\$1000's				All Farms
	<40	40-99	100-249	250+		<40	40-99	100-249	250+	
	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>
N. East	7.83	6.85	8.21	8.97	8.61	8.40	7.63	7.66	8.57	8.38
Appal.	7.89	6.28	6.44	7.66	7.36	7.54	6.90	7.09	8.36	7.96
S. East	7.57	9.07	7.56	8.30	8.18	8.22	(³)	7.95	8.70	8.53
Lake	(³)	7.85	7.59	9.42	9.05	(³)	7.92	7.75	9.70	9.21
Cornbelt	7.86	7.22	7.72	8.64	8.22	7.82	7.68	8.81	9.62	9.23
Delta	6.93	7.87	6.98	6.91	7.06	(³)	6.81	6.72	7.15	7.13
N. Plains	8.39	7.83	7.76	8.61	8.41	8.34	6.81	7.77	9.28	8.68
S. Plains	8.22	8.31	7.80	7.23	7.59	8.58	7.46	8.08	7.91	8.01
Mountain	7.10	6.99	7.61	7.90	7.73	8.05	7.06	8.36	7.85	7.87
Pacific	9.07	9.52	7.56	8.69	8.63	7.65	10.23	8.80	8.97	8.85
48 States	8.06	7.83	7.59	8.50	8.28	8.02	8.31	8.01	8.80	8.56

¹ Excludes Agricultural Service Workers.

² Regions consist of the following States:

Northeast: CT, DE, MD, ME, MA, NH, NJ, NY, PA, RI, VT.

Appalachian: KY, NC, TN, VA, WV.

Southeast: AL, FL, GA, SC.

Lake: MI, MN, WI.

Cornbelt: IA, IL, IN, MO, OH.

Delta: AR, LA, MS.

Northern Plains: KS, NE, ND, SD.

Southern Plains: OK, TX.

Mountain: AZ, CO, ID, MT, NM, NV, UT, WY.

Pacific: CA, OR, WA.

48 States: All States, excluding AK and HI.

³ Insufficient data.

**Field and Livestock Workers: Distribution
by Type of Farm, 48 States^{1 2 3}**

Type of Farm	October 8-14, 2000	July 8-14, 2001	October 7-13, 2001
	<i>Percent of Field and Livestock Workers</i>	<i>Percent of Field and Livestock Workers</i>	<i>Percent of Field and Livestock Workers</i>
Field Crops	16	15	15
Other Crops	55	54	57
Livestock, Dairy, & Poultry	29	31	28
	100	100	100

**Hired Workers: Distribution by Economic
Class of Farm, 48 States^{1 3}**

Gross Value of Sales	October 8-14, 2000	July 8-14, 2001	October 7-13, 2001
	<i>Percent of Hired Workers</i>	<i>Percent of Hired Workers</i>	<i>Percent of Hired Workers</i>
Less than \$40,000	10	15	13
\$40,000-\$99,999	9	7	8
\$100,000-\$249,999	14	16	14
\$250,000 and over	67	62	65
	100	100	100

Hired Workers: Distribution by Category, United States,^{1 3}

	October 8-14, 2000	July 8-14, 2001	October 7-13, 2001
	<i>Percent of Hired Workers</i>	<i>Percent of Hired Workers</i>	<i>Percent of Hired Workers</i>
Employed on Farms Hiring			
1 Worker	11	11	10
2 Workers	10	9	9
3-6 Workers	17	20	19
7-10 Workers	9	9	9
At least 11 Workers	53	51	53
	100	100	100

¹ 48 States, excluding AK and HI.

² Field and Livestock Workers combined.

³ Excludes Agricultural Service Workers.

Agricultural Services

Crew leaders and custom crews provided 262,000 workers for the Nation's farms and ranches during the week of October 7-13, 2001. Service workers in California numbered 107,000 this October compared with 89,000 last year. Florida's number of service workers was 5,000, compared with 11,000 last year.

The average wage received by agricultural service workers in California and Florida were \$8.63 and \$8.70 per hour, respectively. Comparable wages in October 2000 were \$8.82 in California and \$8.80 in Florida.

Agricultural Service Workers: Number, Hours Worked, and Wage Rates, for California, Florida, and United States ¹

State	Number of Workers Working on Farms			Hours Worked ²			Wage Rates ^{2 3}		
	Oct 2000	Jul 2001	Oct 2001	Oct 2000	Jul 2001	Oct 2001	Oct 2000	Jul 2001	Oct 2001
	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>
CA	89.0	110.0	107.0	30.6	39.4	35.7	8.82	8.26	8.63
FL	11.0	2.0	5.0	32.0	43.5	34.0	8.80	9.54	8.70
US	288.0	335.0	262.0						

¹ Data are for Agricultural Services performed on the farm by custom service units such as crew leaders or custom crews. These statistics are not included in the State-Regional tables.

² United States data not available.

³ Benefits, such as housing and meals, are provided some workers but the values are not included in the wage rates.

Migrant Workers: Percent of all Hired Workers, United States, by Quarter (Includes Agricultural Service Workers), 1998-01 ¹

Year	Jan	Apr	Jul	Oct
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1998	7.3	6.6	13.7	11.0
1999	6.0	8.7	12.4	12.3
2000	7.7	8.5	11.5	11.3
2001	9.6	8.9	11.1	12.1

¹ Definition "Migrant Worker" is a farm worker whose employment required travel that prevented the farm worker from returning to his/her permanent place of residence the same day.

**Workers: Annual Average Number and Hours Worked
By Region, State, and United States, 2000-01 ¹**

State and Region ²	Number						Hours Worked	
	Self Employed		Unpaid		Hired		Hired Workers	
	2000	2001	2000	2001	2000	2001	2000	2001
	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>Hours per Week</i>	<i>Hours per Week</i>
NY	29.5	31.5	11.0	9.3	21.8	22.5	40.2	41.7
Northeast I	53.3	52.8	19.3	16.3	41.5	42.3	38.8	39.8
PA	43.3	46.8	23.3	25.3	25.8	23.6	39.1	40.4
Northeast II	61.8	66.5	28.8	30.0	41.8	40.3	39.8	40.6
NC	39.0	40.0	10.7	10.9	26.8	27.4	38.8	34.4
VA	41.0	40.0	6.5	6.9	10.5	10.6	31.4	33.8
Appalachian I	80.0	80.0	17.3	17.8	37.3	38.0	36.7	36.4
Appalachian II	140.3	134.8	33.3	37.0	29.3	30.5	33.2	34.4
Southeast	80.3	81.8	17.3	19.0	32.0	31.5	34.8	38.8
FL	29.5	29.5	5.5	6.3	56.5	54.3	40.8	40.0
MI	37.3	37.0	11.5	8.8	25.8	23.9	38.9	36.9
MN	65.0	56.5	25.0	22.0	18.6	17.4	38.7	39.1
WI	54.0	51.0	19.8	19.3	16.9	16.5	33.8	37.3
Lake	156.3	144.5	56.3	50.0	61.3	57.8	37.5	37.7
Cornbelt I	155.8	150.8	45.5	45.5	52.8	52.8	35.5	35.0
Cornbelt II	153.0	152.0	45.8	44.8	25.8	26.3	37.3	35.8
Delta	81.8	82.8	22.5	24.0	34.8	32.8	39.2	42.0
Northern Plains	140.0	142.0	55.8	55.0	34.8	37.0	44.3	40.3
OK	62.0	61.0	18.5	21.0	14.3	18.4	37.9	40.1
TX	193.0	192.5	40.3	44.5	47.0	55.4	38.3	38.3
Southern Plains	255.0	253.5	58.8	65.5	61.3	73.8	38.2	38.7
Mountain I	44.3	46.0	21.3	19.0	27.8	25.8	41.9	44.5
Mountain II	34.3	33.5	11.5	14.0	22.5	23.0	40.9	42.9
AZ	3.8	4.5	11.0	11.3	13.1	12.5	47.0	47.3
NM	11.0	12.5	12.8	12.5	5.9	6.3	43.0	43.9
Mountain III	14.8	17.0	23.8	23.8	19.0	18.8	45.8	46.1
OR	26.0	30.0	6.8	9.6	26.4	30.1	39.5	40.5
WA	26.8	29.5	7.0	7.4	40.4	42.4	40.8	37.9
Pacific	52.8	59.5	13.8	17.0	66.8	72.5	40.3	39.0
CA	39.0	29.8	10.5	4.3	237.8	209.0	43.7	42.8
HI	3.1	3.3	1.0	1.1	7.8	7.3	36.5	36.9
US ³	1,574.8	1,559.8	487.5	490.0	890.3	873.3	40.1	39.9

¹ Excludes Agricultural Service Workers.

² Region map on page 16.

³ Excludes AK.

**Hired Workers: Annual Average Wage Rates
By Region and United States, 2000-01^{1 4}**

	All Hired		Field		Field & Livestock	
	2000	2001	2000	2001	2000	2001
	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>
Northeast I	8.74	8.72	8.48	8.23	8.17	7.94
Northeast II	8.03	8.23	7.62	7.54	7.37	7.46
Appalachian I	7.38	7.97	6.88	7.36	7.06	7.53
Appalachian II	6.97	7.35	6.44	6.82	6.60	7.07
Southeast	7.25	7.78	6.77	7.26	6.83	7.28
FL	8.49	8.54	7.68	7.66	7.66	7.69
Lake	8.72	9.06	8.16	8.78	8.07	8.57
Cornbelt I	8.55	9.14	8.02	8.22	8.09	8.38
Cornbelt II	8.12	8.63	7.51	7.99	7.84	8.33
Delta	7.03	7.12	6.62	6.74	6.69	6.77
Northern Plains	8.03	8.70	7.84	8.22	7.81	8.24
Southern Plains	7.48	7.74	6.75	7.01	6.98	7.28
Mountain I	7.55	7.79	7.00	7.13	7.26	7.43
Mountain II	7.92	8.23	7.29	7.47	7.43	7.62
Mountain III	7.34	7.77	6.59	6.88	6.71	7.12
Pacific	8.63	9.06	8.10	8.52	8.14	8.60
CA	8.21	8.67	7.48	7.89	7.56	8.02
HI	10.62	10.80	9.09	9.22	9.05	9.25
US ³	8.10	8.44	7.50	7.78	7.54	7.86

¹ Excludes Agricultural Service Workers.

² Region map on page 16.

³ Excludes AK.

⁴ Annual rates are averages of the published wage rates for each survey week weighted by the number of hours worked during the week. The annual average for all States, Regions, and the U.S. is based on data collected for January, April, July, and October.

**Hired Workers: Annual Average Wage Rates
By State, 2000-01^{1 2}**

	All Hired		Field		Field & Livestock	
	2000	2001	2000	2001	2000	2001
	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>	<i>Dollars per Hour</i>
AL	7.02	7.61	6.77	6.81	6.69	6.81
AZ	7.18	7.58	6.55	6.84	6.60	6.88
AR	7.27	7.20	7.07	6.88	7.07	6.85
CA	8.21	8.67	7.48	7.89	7.56	8.02
CO	7.96	8.22	7.34	7.57	7.50	7.61
DE	8.96	8.41	8.21	7.57	8.20	7.76
FL	8.49	8.54	7.68	7.66	7.66	7.69
GA	7.71	8.37	7.26	7.96	7.24	7.87
HI	10.62	10.80	9.09	9.22	9.05	9.25
ID	7.69	7.95	7.16	7.14	7.52	7.66
IL	8.56	9.01	8.13	8.29	8.16	8.35
IN	8.88	9.80	8.08	8.66	8.22	8.81
IA	8.51	8.98	7.85	8.24	8.14	8.59
KS	7.96	8.87	7.72	8.05	7.70	8.18
KY	7.17	7.48	6.44	6.70	6.71	7.07
LA	6.87	6.84	6.44	6.61	6.53	6.64
MD	8.51	8.92	7.76	8.30	7.65	8.00
MI	8.77	8.96	7.87	8.15	7.93	8.18
MN	8.91	9.53	8.67	9.90	8.38	9.26
MS	6.91	7.27	6.28	6.66	6.42	6.79
MO	7.70	8.19	7.06	7.78	7.54	8.01
MT	7.70	7.62	6.83	7.38	6.94	7.15
NE	7.93	8.51	7.52	7.80	7.73	8.17
NV	7.50	7.62	7.06	6.90	7.06	7.07
NJ	8.62	8.55	7.97	7.65	7.96	7.69
NM	7.73	8.18	6.74	7.09	7.00	7.64
NY	8.31	8.22	8.32	7.80	7.95	7.59
NC	7.31	7.82	6.83	7.34	6.99	7.39
ND	8.72	9.27	8.62	9.17	8.56	9.07
OH	8.24	8.37	7.76	7.53	7.88	7.89
OK	7.75	8.40	6.81	7.40	7.15	7.61
OR	8.68	9.10	7.92	8.56	7.97	8.57
PA	7.66	7.93	7.38	7.30	7.05	7.22
SC	6.80	6.85	6.27	6.55	6.39	6.70
SD	7.64	8.21	7.34	8.16	7.38	7.81
TN	6.65	7.29	6.39	6.99	6.43	7.09
TX	7.40	7.51	6.74	6.89	6.93	7.17
UT	7.99	8.51	7.16	7.22	7.36	7.88
VA	7.63	8.41	7.08	7.44	7.28	7.94
WA	8.60	9.02	8.20	8.50	8.24	8.63
WV	7.38	7.10	6.95	6.36	6.89	7.01
WI	8.39	8.67	8.40	8.74	7.93	8.33
WY	6.64	7.20	6.24	6.57	6.23	6.57
Oth Sts ³	9.25	9.34	8.64	8.69	8.44	8.40
US ⁴	8.10	8.44	7.50	7.78	7.54	7.86

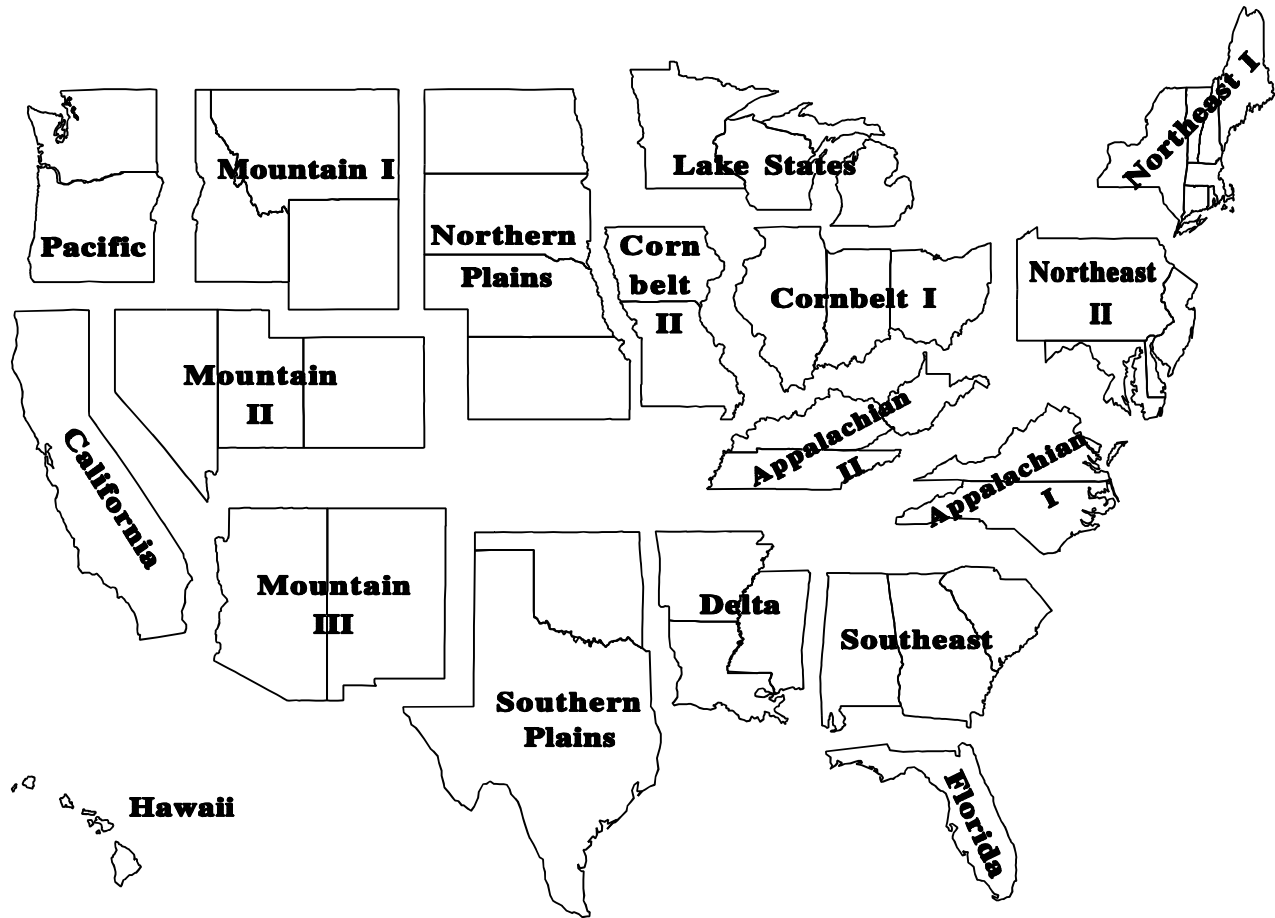
¹ Excludes Agricultural Service Workers.

² Annual rates are averages of the published wage rates for each survey week weighted by the number of hours worked during the week. The annual average for all States, Regions, and the U.S. is based on data collected for January.

³ Includes CT, ME, MA, NH, RI, and VT.

⁴ Excludes AK.

Farm Labor Regions



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

Reliability of Farm Labor Estimates

Survey Procedures: These data were collected by the National Agricultural Statistics Service (NASS) during the last two weeks of October using sampling procedures to ensure every employer of agricultural workers had a chance of being selected.

Two samples of farm operators are selected. First, NASS maintains a list of farms that hire farm workers. Farms on this list are classified by size and type. Those expected to employ large numbers of workers are selected with greater frequency than those hiring few or no workers. A second sample consists of segments of land scientifically selected from an area sampling frame. Each June, highly trained interviewers locate each selected land segment and identify every farm operating land within the sample segment's boundaries. The names of farms found in these area segments are matched against the NASS list of farms; those not found on the list are included in the labor survey sample to represent all farms. This methodology is known as multiple frame sampling, with an area sample used to measure the incompleteness of the list. Additionally, a list of agricultural service firms was sampled in California and Florida. The survey reference week was October 7-13, 2001.

Reliability: Two types of errors, sampling and nonsampling, are possible in an estimate based on a sample survey. Both types affect the "precision" 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. An estimate of 100 with a sampling error of 1 would mean that chances are 19 out of 20 that the estimates from all possible samples averaged together would be between 98 and 102; which is the survey estimate, plus or minus two times the sampling error. The sampling error expressed as a percent of the estimate is called the relative sampling error. The relative sampling error for number of hired workers at the U.S. level was 3.8 percent. The relative sampling error for the number of hired workers generally ranged between 5 and 31 percent at the regional level. The U.S. all hired farm worker wage rate had a relative sampling error of 1.1 percent. The relative sampling error was 1.3 percent for the combined field and livestock worker wage rate. Relative sampling errors for the all hired farm worker wage rate generally ranged between 2 and 5 percent at the regional levels. Relative sampling errors for wage rates published by type of farm and economic class of farm ranged between 2 and 23 percent at the regional level.

Nonsampling errors can occur in a complete census as well as in sample surveys. They are caused by the inability to obtain correct information from each operation sampled, differences in interpreting questions or definitions, and mistakes in editing, coding, or processing the data. Special efforts are taken at each step of the survey to minimize nonsampling errors.

Annual Average Wage Rates: Included with this report are the annual average wage rates for 2000 and 2001. Annual rates are the averages of the wage rates for each survey week weighted by the total number of hours worked during the week. The survey weeks include the 12th of the month for January, April, July, and October. Combining data for the four survey weeks provides a large enough sample to permit publication of wages at the State level. Annual average wage rates for both 2000 and 2001 are published at the State, regional and U.S. level for the all hired wage rate, the field worker wage rate, and the combined field and livestock worker wage rate. For 2001, the relative sampling error, at the U.S. level, was 1.0 percent for the all hired worker wage rate. The relative sampling error was 1.0 percent for the combined field and livestock worker wage rate. The relative sampling error for all hired farm worker and combined field and livestock worker wage rates generally ranged between 2 and 5 percent at the regional level and 2 to 12 percent at the State level.

Revision Policy: Farm labor information is subject to revision the next time the information is published or the year after the original publication date. The basis for revision must be supported by additional data that directly affect the level of the estimate. Worker numbers and wage rates for April 2001 and July 2000 were subject to revision within this report.

The February 15th report will include information for the survey week of January 6-12, 2002. The report will include the number of All Hired Workers, Average Hours Worked by Hired Workers and the All Hired Worker Wage Rates at regional and U.S. levels. The wage rate for field, livestock, and combined field and livestock workers will also be available for the regional and U.S. levels. The number of Agricultural Service Workers and corresponding wage rates will be published for Florida and California.

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The next "Farm Labor" report will be released at 3 p.m. ET on February 15, 2002.

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