

Farm Labor



National
Agricultural
Statistics
Service

United States
Department of
Agriculture

Washington, D.C.

Released February 15, 1994, by the Agricultural Statistics Board. Estimates refer to the week of January 9-15, 1994.

Number of Workers Slightly Lower

There were 2.48 million people working on the Nation's farms and ranches during the week of January 9-15, 1994. This compares with 2.51 million people during the January 1993 survey week. Self-employed farm operators accounted for 1.37 million of the total, along with 336,000 unpaid workers, and 637,000 workers hired directly by farm operators. Agricultural service employees working on farms and ranches made up the remaining 140,000 workers.

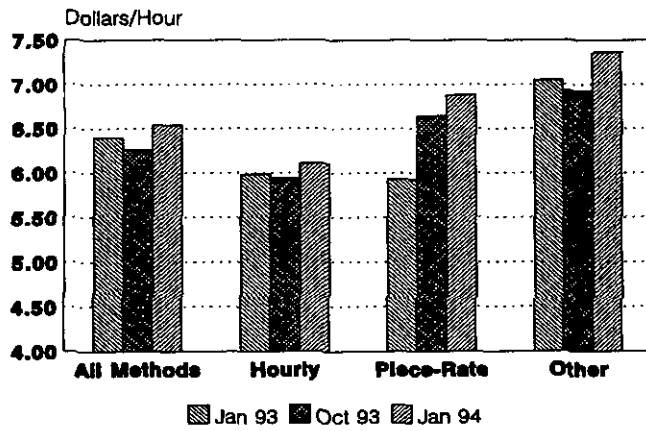
Farm operators paid their hired workers an average wage of \$6.54 per hour during the January 1994 survey week. This rate was up 14 cents from a year earlier. Workers paid on an hourly basis earned \$6.11 per hour compared with \$5.99 in January 1993. Field workers received an average of \$6.14 per hour, up 12 cents from the January 1993 survey week. Livestock workers earned \$5.75 per hour compared with \$5.64 a year earlier.

Benefits, such as housing and meals, were provided to 43 percent of the hired workers during the survey week, compared to 45 percent in January 1993.

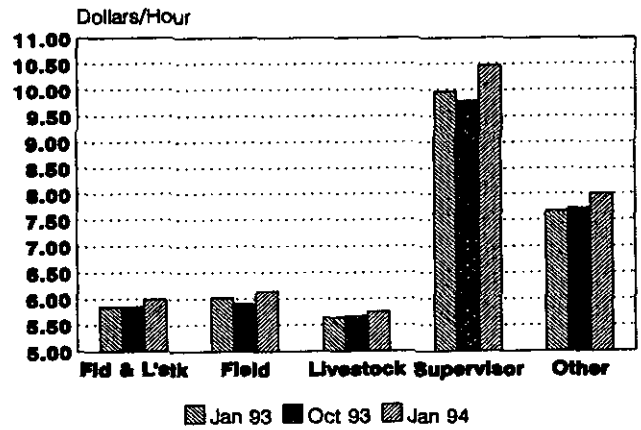
During the survey week of January 9-15, 1994, an arctic high pressure system twice plunged southeastward across the Dakotas and the Midwest before turning eastward toward the northern Atlantic Coast States. Between the highs, abundant Gulf of Mexico moisture streamed northward, producing heavy rain in the Southeast, and yet another wintry mix of ice and snow from the Middle Atlantic States northward. In east Texas, onion planting started but was delayed by rain. The sugarcane harvest continued, and sugarcane planting advanced in Florida. Sugarbeets were thinned and weeded in California. Tobacco bed preparation made progress in Georgia and North Carolina. Planting of tobacco plant beds neared completion in Florida. The pecan harvest neared completion in Texas and some areas of Georgia. Citrus harvests continued in Arizona, California, and Florida. Rain delayed the Florida grapefruit harvest. Pruning of deciduous trees continued in the Northwest and California, and started in Georgia. The vegetable harvest advanced in California, Florida, Texas, and Arizona. Rain hampered vegetable fieldwork in some areas of Florida and eastern Texas. Preparation for the planting of spring vegetables advanced across the Nation where conditions allowed.

For information call Dean Groskurth at (202) 690-3228. Office hours are 8:00 a.m. to 4:30 p.m. ET.

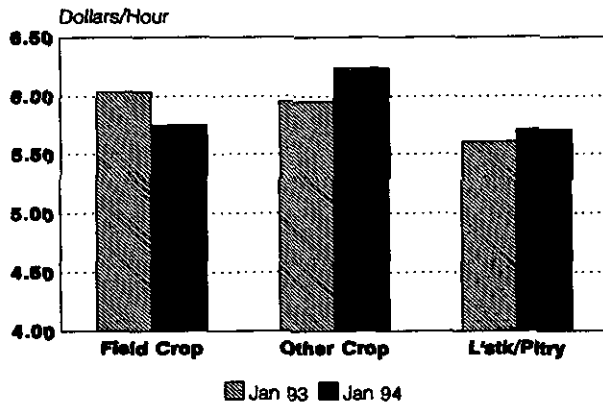
U.S. Wage Rates by Method of Pay



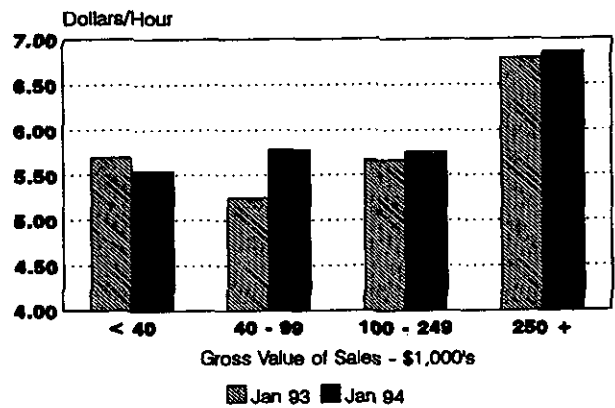
U.S. Wage Rates by Type of Worker



Wage Rate of Field & L'stk Wkra Combined By Type of Farm



Wage Rates of All Hired Workers by Economic Class of Farm



Farm Labor: Employment, Wage Rates, and Indexes, United States,
January 9-15 1994, with Comparisons 1/

Farm Employment	January 10-16, 1993	October 10-16, 1993	January 9-15, 1994
		1,000	
Farm Workers	2,348	2,966	2,340
Self-Employed	1,424	1,535	1,367
Unpaid	313	503	336
Hired	611	928	637
Expected to be Employed			
150 Days or More	491	626	519
149 Days or Less	120	302	118
Agricultural Services Workers Working on Farms	157	283	140
Total Farm & Service Workers	2,505	3,249	2,480
Index - 1977=100			
All Farm Workers	72	70	72
Hired Workers	73	68	76
		Dollars per Hour	
Wage Rates for			
All Hired Workers <u>2/</u> <u>3/</u>	6.40	6.26	6.54
Method of Pay			
Hourly	5.99	5.94	6.11
Piece-Rate	5.93	6.64	6.88
Other	7.05	6.93	7.36
Type of Worker			
Field & Livestock Combined	5.85	5.85	5.99
Field	6.02	5.91	6.14
Livestock	5.64	5.67	5.75
Supervisory	9.97	9.79	10.47
Other	7.68	7.73	8.00
Index - 1977=100			
All Hired Workers	217	206	222

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.

Workers on Farms: Number by Region, State, and United States,
January 9-15, 1994 1/

State and Region <u>2/</u>	All Farm Workers	Self-Employed <u>3/</u>	Unpaid <u>3/</u>	Hired		
				Number of Workers	Expected to be Employed 150 Days or More <u>3/</u>	149 Days or Less <u>3/</u>
			1,000			
NY	57			20		
Other <u>4/</u>	37			15		
Northeast I	94	46	13	35	30	5
PA	82			16		
Other <u>4/</u>	27			9		
Northeast II	109	58	26	25	21	4
NC	50			12		
VA	39			13		
Appalachian I	89	55	9	25	20	5
Appalachian II	185	135	26	24	16	8
Southeast	101	63	8	30	25	5
FL	97	24	3	70	64	6
MI	49			14		
MN	93			10		
WI	95			17		
Lake	237	146	50	41	36	5
Cornbelt I	226	163	30	33	29	4
Cornbelt II	182	129	29	24	20	4
Delta	108	71	12	25	22	3
Northern Plains	196	140	32	24	21	3
OK	74			11		
TX	197			39		
Southern Plains	271	178	43	50	42	8
Mountain I	58	33	9	16	15	1
Mountain II	45	23	4	18	15	3
AZ	26			13		
NM	26			5		
Mountain III	52	10	24	18	15	3
OR	45			12		
WA	53			27		
Pacific	98	50	9	39	24	15
CA	180	40	8	132	97	35
HI	12	3	1	8	7	1
US <u>5/</u>	2340	1367	336	637	519	118

- 1/ Excludes Agricultural Service Workers.
2/ Region map on page 17.
3/ Published at regional and U.S. level only.
4/ Other States in the same region.
5/ Excludes AK.

Workers on Farms: Hours Worked and Wage Rates for All Hired Workers,
by Region, State, and United States, January 9-15, 1994 1/

State and Region <u>2/</u>	Hours Worked			Wage Rates for All Hired Workers
	Self-Employed <u>3/</u>	Unpaid <u>3/</u>	Hired	
	----- Hours per Week -----			Dollars per Hour
NY			38.5	6.90
Other <u>4/</u>			41.0	7.25
Northeast I	41.0	29.8	39.6	7.05
PA			43.0	5.85
Other <u>4/</u>			36.1	6.83
Northeast II	34.6	34.9	40.5	6.17
NC			33.7	6.06
VA			35.2	6.18
Appalachian I	23.9	27.2	34.5	6.12
Appalachian II	18.7	22.5	28.6	5.45
Southeast	22.7	29.4	35.0	6.34
FL	19.0	28.0	36.0	6.90
MI			34.9	6.95
MN			38.0	6.50
WI			44.0	5.00
Lake	40.5	34.3	39.4	5.92
Cornbelt I	26.1	27.5	34.3	6.52
Cornbelt II	31.8	28.4	33.4	6.10
Delta	24.8	27.7	33.6	5.95
Northern Plains	35.2	35.7	34.4	6.96
OK			38.0	5.70
TX			40.2	5.44
Southern Plains	26.6	23.2	39.7	5.50
Mountain I	32.8	33.5	43.9	6.39
Mountain II	32.4	27.2	41.1	6.19
AZ			44.0	6.39
NM			47.9	6.34
Mountain III	31.7	23.2	45.1	6.38
OR			40.5	6.95
WA			39.0	6.65
Pacific	22.8	26.6	39.5	6.74
CA	32.3	26.1	44.2	7.04
HI	31.3	33.3	36.0	9.74
US <u>5/</u>	29.2	29.0	38.7	6.54

- 1/ Excludes Agricultural Service Workers.
2/ Region map on page 17.
3/ Published at regional and U.S. level only.
4/ Other States in the same region.
5/ Excludes AK.

Hired Workers: Wage Rates by Region, State, and United States,
January 9-15, 1994 1/

State and Region <u>2/</u>	Type of Worker <u>5/</u>					Method of Pay <u>6/</u>		
	Field	Livestock	Field & Livestock	Super- visory	Other	Hourly	Piece Rate	Other
Dollars per Hour								
NY	6.60		5.88			7.18		
Other <u>4/</u>	7.55		6.13			7.35		
Northeast I	7.10	5.35	5.99	10.99	7.83	7.25	<u>3/</u>	6.77
PA	6.00		5.46			6.13		
Other <u>4/</u>	6.31		6.21			6.51		
Northeast II	6.11	5.38	5.69	9.51	8.94	6.25	<u>3/</u>	6.20
NC	5.46		5.69			5.58		
VA	5.70		5.73			5.90		
Appalachian I	5.56	5.82	5.71	8.72	<u>3/</u>	5.75	<u>3/</u>	6.58
Appalachian II	5.08	5.24	5.17	<u>3/</u>	<u>3/</u>	5.37	<u>3/</u>	<u>3/</u>
Southeast	5.72	5.83	5.76	10.98	6.27	5.87	<u>3/</u>	7.18
FL	6.37	6.60	6.38	11.65	9.80	6.23	6.90	10.60
MI	7.10		6.37			6.71		
MN	6.83		5.67			6.24		
WI	5.50		4.81			5.00		
Lake	6.34	5.17	5.41	11.01	8.96	5.70	<u>3/</u>	6.33
Cornbelt I	6.36	5.81	6.05	8.70	6.48	6.32	<u>3/</u>	6.72
Cornbelt II	5.80	5.75	5.76	8.98	<u>3/</u>	5.77	<u>3/</u>	6.62
Delta	5.53	5.82	5.66	<u>3/</u>	<u>3/</u>	5.65	<u>3/</u>	6.45
Northern Plains	6.95	6.28	6.43	10.55	8.42	6.28	<u>3/</u>	7.57
OK	5.30		5.60			5.50		
TX	4.99		5.03			5.22		
Southern Plains	5.04	5.31	5.16	8.15	<u>3/</u>	5.27	<u>3/</u>	6.06
Mountain I	5.76	6.09	6.01	7.98	6.38	6.76	<u>3/</u>	6.27
Mountain II	5.62	5.51	5.55	9.19	<u>3/</u>	5.62	<u>3/</u>	7.00
AZ	5.89		5.83			5.60		
NM	5.10		6.01			5.84		
Mountain III	5.79	6.08	5.88	<u>3/</u>	9.93	5.66	7.35	7.32
OR	6.35		6.32			6.50		
WA	6.23		6.26			6.02		
Pacific	6.26	6.34	6.28	10.74	8.69	6.15	7.05	9.11
CA	6.30	6.87	6.38	12.86	9.00	6.35	7.00	9.80
HI	8.60	<u>3/</u>	8.57	15.31	<u>3/</u>	8.76	<u>3/</u>	13.74
US <u>7/</u>	6.14	5.75	5.99	10.47	8.00	6.11	6.88	7.36

1/ Excludes Agricultural Service Workers.

2/ Region map on page 17.

3/ Insufficient data.

4/ Other States in the same region.

5/ Livestock, Supervisory, and Other published at regional and U. S. level only.

6/ Piece Rate and Other published at regional and U. S. level only

7/ Excludes AK.

Workers on Farms: Number by Region, State, and United States.
October 10-16, 1993 1/

State and Region <u>2/</u>	All Farm Workers	Self-Employed <u>3/</u>	Unpaid <u>3/</u>	Hired			
				Number of Workers	Expected to be Employed		
					150 Days or More <u>3/</u>	149 Days or Less <u>3/</u>	
							1,000
NY	74			31			
Other <u>4/</u>	52			26			
Northeast I	126	49	20	57	37	20	
PA	97			19			
Other <u>4/</u>	35			13			
Northeast II	132	67	33	32	23	9	
NC	83			32			
VA	49			20			
Appalachian I	132	65	15	52	25	27	
Appalachian II	200	138	28	34	19	15	
Southeast	122	71	12	39	30	9	
FL	93	26	4	63	59	4	
MI	80			28			
MN	134			24			
WI	120			25			
Lake	334	176	81	77	52	25	
Cornbelt I	309	178	74	57	36	21	
Cornbelt II	234	149	54	31	20	11	
Delta	141	82	18	41	30	11	
Northern Plains	255	158	51	46	31	15	
OK	82			13			
TX	217			46			
Southern Plains	299	199	41	59	41	18	
Mountain I	79	37	16	26	19	7	
Mountain II	53	23	7	23	16	7	
AZ	25			11			
NM	27			5			
Mountain III	52	11	25	16	13	3	
OR	52			17			
WA	71			39			
Pacific	123	53	14	56	28	28	
CA	270	50	9	211	140	71	
HI	12	3	1	8	7	1	
US <u>5/</u>	2966	1535	503	928	626	302	

- 1/ Excludes Agricultural Service Workers.
2/ Region map on page 17.
3/ Published at regional and U.S. level only.
4/ Other States in the same region.
5/ Excludes AK.

Workers on Farms: Hours Worked and Wage Rates for All Hired Workers,
by Region, State, and United States, October 10-16, 1993 ^{1/}

State and Region ^{2/}	Hours Worked			Wage Rates for All Hired Workers
	Self- Employed ^{3/}	Unpaid ^{3/}	Hired	
	---- Hours per Week ----			Dollars per Hour
NY			42.2	6.20
Other ^{4/}			40.0	7.10
Northeast I	45.3	32.0	41.2	6.62
PA			42.0	6.09
Other ^{4/}			39.5	6.73
Northeast II	42.7	32.5	41.0	6.34
NC			32.1	5.79
VA			40.0	5.76
Appalachian I	30.4	30.3	35.1	5.78
Appalachian II	25.8	29.7	34.9	5.23
Southeast	25.8	29.5	36.4	6.01
FL	23.0	26.0	33.0	6.64
MI			36.1	6.20
MN			42.5	7.59
WI			34.0	5.38
Lake	51.5	34.3	37.4	6.45
Cornbelt I	42.6	35.0	43.8	6.01
Cornbelt II	42.7	32.1	39.8	6.02
Delta	32.9	34.6	47.9	5.39
Northern Plains	48.0	38.8	47.4	6.40
OK			43.0	6.23
TX			41.5	5.28
Southern Plains	29.9	29.9	41.8	5.51
Mountain I	43.2	37.0	49.9	5.60
Mountain II	46.4	33.3	38.3	6.31
AZ			43.0	6.18
NM			52.9	5.80
Mountain III	38.1	29.1	46.1	6.04
OR			44.7	7.22
WA			36.0	7.60
Pacific	28.6	28.4	38.6	7.47
CA	31.0	32.5	40.0	6.41
HI	30.2	31.3	36.7	9.40
US ^{5/}	38.1	33.1	40.1	6.26

- ^{1/} Excludes Agricultural Service Workers.
^{2/} Region map on page 17.
^{3/} Published at regional and U.S. level only.
^{4/} Other States in the same region.
^{5/} Excludes AK.

Hired Workers: Wage Rates by Region, State, and United States,
October 10-16, 1993 1/

State and Region <u>2/</u>	Type of Worker <u>5/</u>					Method of Pay <u>6/</u>		
	Field	Livestock	Field & Livestock	Super- visory	Other	Hourly	Piece Rate	Other
Dollars per Hour								
NY	5.85		5.64			6.10		
Other <u>4/</u>	6.60		6.24			6.95		
Northeast I	6.17	5.43	5.92	10.63	7.60	6.53	6.35	6.94
PA	6.36		5.98			6.10		
Other <u>4/</u>	6.41		6.13			6.50		
Northeast II	6.38	5.36	6.03	<u>3/</u>	8.84	6.28	6.41	6.41
NC	5.54		5.59			5.14		
VA	5.65		5.62			5.65		
Appalachian I	5.58	5.71	5.60	8.08	<u>3/</u>	5.35	6.89	6.25
Appalachian II	5.16	4.85	5.07	<u>3/</u>	<u>3/</u>	5.07	<u>3/</u>	<u>3/</u>
Southeast	5.69	5.62	5.67	<u>3/</u>	5.51	5.76	<u>3/</u>	6.54
FL	5.90	6.50	5.95	11.70	9.85	5.80	7.30	10.30
MI	5.95		5.99			6.15		
MN	7.48		6.74			7.43		
WI	5.85		5.01			5.74		
Lake	6.52	5.04	5.92	10.47	7.08	6.53	6.26	6.37
Cornbelt I	5.81	5.84	5.82	7.71	<u>3/</u>	5.99	6.30	6.03
Cornbelt II	5.61	5.54	5.58	9.24	<u>3/</u>	5.70	<u>3/</u>	6.49
Delta	5.12	5.62	5.19	8.35	6.58	5.24	<u>3/</u>	5.92
Northern Plains	6.21	6.25	6.22	8.93	5.75	6.38	<u>3/</u>	6.41
OK	5.45		5.45			5.90		
TX	4.82		4.93			4.94		
Southern Plains	4.93	5.19	5.04	8.14	6.80	5.18	<u>3/</u>	6.04
Mountain I	5.53	5.20	5.40	7.11	<u>3/</u>	5.36	<u>3/</u>	5.83
Mountain II	5.79	5.45	5.63	9.05	<u>3/</u>	5.88	<u>3/</u>	6.74
AZ	5.30		5.43			5.40		
NM	5.02		5.55			5.15		
Mountain III	5.20	6.01	5.48	<u>3/</u>	<u>3/</u>	5.32	<u>3/</u>	<u>3/</u>
OR	6.80		6.72			6.52		
WA	7.15		7.21			6.70		
Pacific	7.04	7.07	7.04	10.85	9.03	6.62	7.89	9.58
CA	5.90	7.12	5.99	10.93	9.00	5.98	6.00	8.56
HI	8.37	<u>3/</u>	8.32	15.14	<u>3/</u>	8.69	<u>3/</u>	14.09
US <u>7/</u>	5.91	5.67	5.85	9.79	7.73	5.94	6.64	6.93

1/ Excludes Agricultural Service Workers.

2/ Region map on page 17.

3/ Insufficient data.

4/ Other States in the same region.

5/ Livestock, Supervisory, and Other published at Regional and U. S. level only.

6/ Piece Rate and Other published at regional and U. S. level only

7/ Excludes AK.

Workers on Farms: Number by Region, State, and United States,
January 10-16, 1993 ^{1/}

State and Region ^{2/}	All Farm Workers	Self-Employed ^{3/}	Unpaid ^{3/}	Hired		
				Number of Workers	Expected to be Employed 150 Days or More ^{3/}	149 Days or Less ^{3/}
				1,000		
NY	51			19		
Other ^{4/}	36			16		
Northeast I	87	41	11	35	31	4
PA	84			20		
Other ^{4/}	29			8		
Northeast II	113	59	26	28	23	5
NC	51			13		
VA	44			12		
Appalachian I	95	65	5	25	19	6
Appalachian II	176	134	13	29	22	7
Southeast	125	80	12	33	23	10
FL	85	25	6	54	45	9
MI	59			14		
MN	94			10		
WI	120			21		
Lake	273	165	63	45	37	8
Cornbelt I	226	159	28	39	34	5
Cornbelt II	199	151	28	20	17	3
Delta	107	70	13	24	19	5
Northern Plains	191	138	30	23	19	4
OK	80			9		
TX	181			45		
Southern Plains	261	182	25	54	44	10
Mountain I	57	33	7	17	16	1
Mountain II	42	21	8	13	12	1
AZ	21			7		
NM	24			6		
Mountain III	45	9	23	13	12	1
OR	39			12		
WA	49			18		
Pacific	88	48	10	30	26	4
CA	165	41	4	120	84	36
HI	13	3	1	9	8	1
US ^{5/}	2,348	1,424	313	611	491	120

- ^{1/} Excludes Agricultural Service Workers.
^{2/} Region map on page 17.
^{3/} Published at regional and U.S. level only.
^{4/} Other States in the same region.
^{5/} Excludes AK.

Workers on Farms: Hours Worked and Wage Rates for All Hired Workers,
by Region, State, and United States, January 10-16, 1993 1/

State and Region <u>2/</u>	Hours Worked			Wage Rates for All Hired Workers
	Self- Employed <u>3/</u>	Unpaid <u>3/</u>	Hired	
	---- Hours per Week ----			Dollars per Hour
NY			39.5	6.51
Other <u>4/</u> Northeast I	41.0	33.3	38.9	8.25
			39.2	7.29
PA			39.0	5.55
Other <u>4/</u> Northeast II	40.8	33.9	43.5	6.59
			40.3	5.92
NC			35.2	6.15
VA			38.0	6.00
Appalachian I	23.4	33.2	36.5	6.07
Appalachian II	19.6	31.4	35.3	5.57
Southeast	23.5	28.7	32.9	5.63
FL	21.0	31.0	38.0	6.25
MI			38.2	6.90
MN			42.6	6.16
WI			40.0	5.60
Lake	38.2	34.9	40.0	6.09
Cornbelt I	27.5	33.6	39.0	6.71
Cornbelt II	33.7	31.2	34.1	6.40
Delta	22.7	28.5	32.6	5.87
Northern Plains	35.4	33.3	39.4	6.76
OK			33.0	5.70
TX			40.3	5.56
Southern Plains	24.5	34.0	39.1	5.58
Mountain I	35.4	28.6	42.8	6.46
Mountain II	35.6	31.4	43.8	6.12
AZ			42.0	6.38
NM			43.4	6.37
Mountain III	27.3	31.5	42.6	6.37
OR			35.6	7.25
WA			36.0	7.33
Pacific	20.3	29.3	35.8	7.29
CA	27.3	30.0	36.5	6.71
HI	28.9	33.1	38.2	9.44
US <u>5/</u>	29.3	32.6	37.7	6.40

- 1/ Excludes Agricultural Service Workers.
2/ Region map on page 17.
3/ Published at regional and U.S. level only.
4/ Other States in the same region.
5/ Excludes AK.

Hired Workers: Wage Rates by Region, State, and United States,
January 10-16, 1993 1/

State and Region <u>2/</u>	Type of Worker <u>5/</u>					Method of Pay <u>6/</u>		
	Field	Livestock	Field & Livestock	Super- visory	Other	Hourly	Piece Rate	Other
Dollars per Hour								
NY	6.55		5.87			6.37		
Other <u>4/</u>	8.00		6.80			7.80		
Northeast I	7.24	5.59	6.25	11.82	8.56	6.97	<u>3/</u>	7.64
PA	6.24		5.28			5.80		
Other <u>4/</u>	5.91		5.89			6.37		
Northeast II	6.13	5.17	5.48	9.41	8.30	5.98	<u>3/</u>	5.89
NC	5.70		5.75			5.76		
VA	5.60		5.66			5.80		
Appalachian I	5.66	5.75	5.71	9.02	<u>3/</u>	5.78	<u>3/</u>	6.77
Appalachian II	5.64	5.01	5.26	8.20	<u>3/</u>	5.22	<u>3/</u>	6.61
Southeast	5.59	4.77	5.23	<u>3/</u>	6.52	5.23	5.55	6.27
FL	5.59	6.30	5.65	10.90	8.95	5.63	5.76	9.30
MI	6.59		6.76			6.85		
MN	7.15		5.57			7.56		
WI	6.80		5.38			5.50		
Lake	6.76	5.32	5.83	7.67	7.08	6.40	<u>3/</u>	5.83
Cornbelt I	6.87	5.75	6.23	9.83	8.05	6.55	<u>3/</u>	6.92
Cornbelt II	6.15	5.96	6.03	<u>3/</u>	<u>3/</u>	5.89	<u>3/</u>	6.94
Delta	5.66	5.21	5.46	8.86	6.01	5.62	<u>3/</u>	6.36
Northern Plains	6.90	6.24	6.43	<u>3/</u>	7.48	6.19	<u>3/</u>	7.11
OK	5.60		5.46			5.95		
TX	5.05		4.98			4.99		
Southern Plains	5.14	4.99	5.06	8.99	5.73	5.16	6.05	5.98
Mountain I	6.86	5.95	6.16	7.79	5.98	6.09	<u>3/</u>	6.55
Mountain II	6.40	5.43	5.72	7.14	7.54	6.20	<u>3/</u>	6.13
AZ	5.10		5.37			5.30		
NM	5.53		5.98			6.15		
Mountain III	5.32	6.48	5.73	10.15	7.95	5.77	<u>3/</u>	7.60
OR	6.59		6.48			6.85		
WA	6.22		6.52			6.40		
Pacific	6.37	6.72	6.50	10.59	9.21	6.61	7.00	8.97
CA	5.89	6.50	6.04	11.74	8.86	6.03	5.90	8.95
HI	8.32	<u>3/</u>	8.26	<u>3/</u>	<u>3/</u>	8.50	<u>3/</u>	12.97
US <u>7/</u>	6.02	5.64	5.85	9.97	7.68	5.99	5.93	7.05

1/ Excludes Agricultural Service Workers.

2/ Region map on page 17.

3/ Insufficient data.

4/ Other States in the same region.

5/ Livestock, Supervisory, and Other published at regional and U. S. level only.

6/ Piece Rate and Other published at regional and U. S. level only

7/ Excludes AK.

Field and Livestock Workers Combined: Wage Rates,
by Type of Farm, by Region and 48 States ^{1/}

Region ^{2/}	January 10-16, 1993				January 9-15, 1994			
	Field: Crops	Other: Crops	L'stk &: Poultry	All: Farms	Field: Crops	Other: Crops	L'stk &: Poultry	All: Farms
	Dollars per Hour							
Northeast	6.29	7.28	5.32	5.90	5.97	6.93	5.30	5.84
Appalachian	4.80	6.45	5.49	5.46	5.11	5.56	5.58	5.47
Southeast	5.60	5.68	4.86	5.50	5.36	6.31	6.14	6.21
Lake	6.71	6.57	5.43	5.83	7.36	5.51	5.22	5.41
Cornbelt	6.27	7.36	5.65	6.17	5.95	6.44	5.75	5.91
Delta	5.84	5.31	5.06	5.46	5.49	5.09	5.92	5.66
Northern Plains	7.20	5.03	6.09	6.43	6.45	^{3/}	6.45	6.43
Southern Plains	5.33	5.10	4.95	5.06	5.09	4.98	5.30	5.16
Mountain	6.62	5.33	5.77	5.88	5.65	5.91	5.81	5.80
Pacific	6.90	5.83	6.86	6.12	6.53	6.33	6.42	6.36
48 States	6.04	5.96	5.61	5.81	5.76	6.24	5.72	5.96

All Hired Workers: Wage Rates, by Economic Class of Farm,
by Region and 48 States ^{1/}

Region ^{2/}	January 10-16, 1993				January 9-15, 1994					
	Gross Value Sales-\$1000's <40: 40-99:		All: 250+: Farms:		Gross Value Sales-\$1000's <40: 40-99:		All: 250+: Farms:			
	Dollars per Hour									
N. East	6.53	5.18	5.35	7.91	6.71	7.35	6.01	5.25	7.16	6.67
Appal.	4.92	4.70	5.81	6.37	5.80	5.40	5.43	5.27	6.38	5.83
S. East	4.84	4.66	6.11	6.36	6.03	5.66	5.93	6.37	6.86	6.73
Lake	6.07	4.15	4.54	7.30	6.09	3.65	4.49	4.93	7.18	5.92
Cornbelt	6.85	6.14	5.73	7.00	6.62	6.96	5.82	5.90	6.69	6.34
Delta	5.25	4.34	6.32	6.36	5.87	5.61	6.47	6.10	5.89	5.95
N. Plains:	5.69	7.10	6.86	6.71	6.76	5.96	5.33	6.81	7.24	6.96
S. Plains:	5.65	4.83	5.54	5.80	5.58	5.33	5.26	5.30	5.72	5.50
Mountain	4.76	6.34	5.50	6.77	6.33	4.31	6.40	5.66	6.64	6.32
Pacific	5.94	6.90	6.57	6.88	6.82	5.70	6.50	6.53	7.10	6.98
48 States:	5.70	5.25	5.67	6.79	6.35	5.55	5.78	5.76	6.86	6.50

^{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/

Type of Farm	January 10-16, 1993	October 10-16, 1993	January 9-15, 1994
	Percent of Field and Livestock Workers <u>2/</u> <u>3/</u>		
Field Crops	17	25	15
Other Crops	43	50	47
Livestock, Dairy, & Poultry	40	25	38
	100.0	100.0	100.0

Hired Workers: Distribution
by Economic Class of Farm, 48 States 1/

Gross Value of Sales	January 10-16, 1993	October 10-16, 1992	January 9-15, 1993
	Percent of Hired Workers <u>3/</u>		
Less than \$40,000	11	8	8
\$40,000-\$99,999	9	10	9
\$100,000-\$249,999	18	19	19
\$250,000 and over	62	63	64
	100.0	100.0	100.0

1/ 48 States, excluding AK and HI.

2/ Field and Livestock Workers combined.

3/ Excludes Agricultural Service Workers.

Hired Workers: Distribution by Category, United States 1/ 2/

	: January 10-16. : 1993	: October 10-16., : 1993	: January 9-15., : 1994
	: Percent of Hired Workers		
Employed on Farms Hiring:			
1 Worker	17	12	16
2 Workers	11	10	12
3-6 Workers	23	21	21
7-10 Workers	9	8	8
At least 11 Workers	40	49	43
	100.0	100.0	100.0
Payment Method:			
Hourly	60	69	63
Piece-Rate	8	8	9
Other Methods	32	23	28
	100.0	100.0	100.0
Benefits: <u>3/</u>			
Housing and Meals	6	5	6
Housing (no Meals)	15	13	13
Meals (no Housing)	3	4	2
Bonus	5	5	6
Other Benefits	16	11	16
Wages Only	55	62	57
	100.0	100.0	100.0

1/ Excludes Agricultural Service Workers.

2/ Excludes AK.

3/ Benefits are in priority from highest to lowest. Each worker is counted one time in the highest category, even though benefits in a lower category may be received. Housing and meals is comparable to room and board used in previous reports. Other benefits include transportation, life and health insurance, utilities, etc.

Agricultural Services

Crew leaders and custom crews provided 140,000 workers for the Nation's farms and ranches during the week of January 9-15, 1994. Service workers in California numbered 57,000 compared with 50,000 during the January 1993 survey week. Florida's number of service workers was 13,000, compared to 22,000 last year.

The average wages received by agricultural service workers in California and Florida were \$6.19 and \$7.56 per hour, respectively. Comparable wages in January 1993 were \$6.27 in California and \$6.23 in Florida.

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

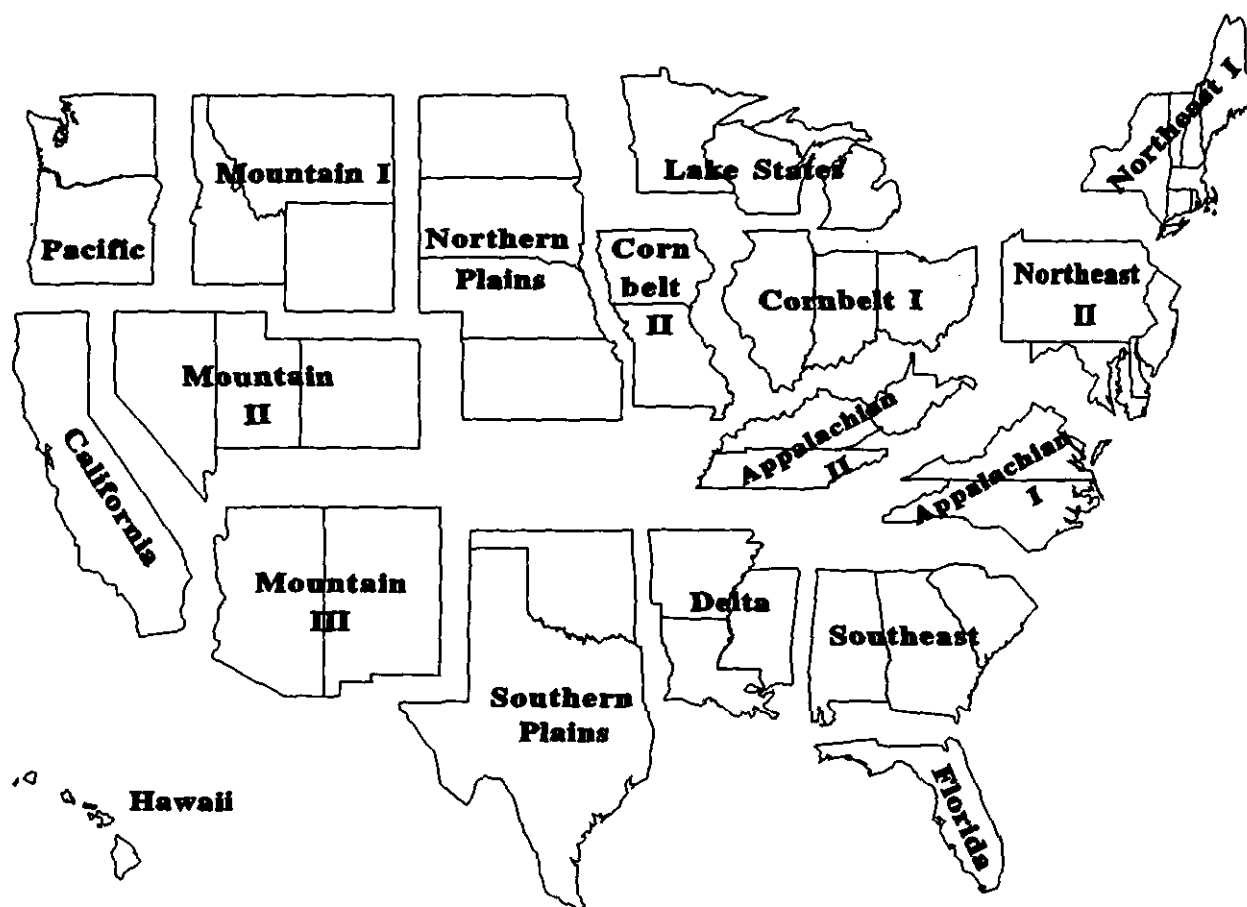
Item	Number of Workers ^{2/} Working on Farms			Hours Worked			Wage Rates ^{3/}		
	Jan 1993	Oct 1993	Jan 1994	Jan 1993	Oct 1993	Jan 1994	Jan 1993	Oct 1993	Jan 1994
	1,000			Hours ^{2/}			Dollars per Hour ^{2/}		
CA	50.0	75.0	57.0	26.8	37.5	35.4	6.27	6.53	6.19
FL	22.0	3.5	13.0	36.0	33.0	31.0	6.23	6.68	7.56
US	157.0	283.0	140.0						
	Method of Pay						Type of Work		
	Hourly			Piece-Rate			Field		
	Jan 1993	Oct 1993	Jan 1994	Jan 1993	Oct 1993	Jan 1994	Jan 1993	Oct 1993	Jan 1994
	Dollars per Hour ^{2/}								
CA	5.50	6.00	5.56	6.56	6.98	6.75	5.84	6.26	5.75
FL	5.50	6.15	6.20	6.30	6.00	7.80	5.95	5.99	7.04

^{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.

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 during the last two weeks of January 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 aerial photography. 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 list of farms; those not found on the list are included in the labor survey sample to represent all farms not on the NASS list. 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 January 9-15, 1994.

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 all non-salaried workers at the U.S. level was 2.0 percent and 3.7 percent for all hired workers. The relative sampling error for number of hired workers generally ranged between 10 and 20 percent at the regional and published State level. The U.S. all hired farm worker wage rate had a relative sampling error of 1.3 percent. The relative sampling error was 1.3 percent for hourly paid workers and 1.6 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 6 percent at the regional and published State levels. Relative sampling errors for wage rates published by type of farm and economic class of farm ranged between 2 and 8 percent at the regional level.

Nonsampling errors can occur in complete censuses 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 coding or processing the data. Special efforts are taken at each step of the survey to minimize nonsampling errors.

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 January and October 1993 were subject to revisions with this report. No revisions were made but previous data are reprinted in this report for your information.

Index

	Page
U.S. Workers on Farms, Wage Rates, Hours Worked, and Indexes	3
Number of Workers by Region, State, and U.S.	
January 1994	4
October 1993	7
January 1993	10
Wage Rates by Region, State, and U.S.	
January 1994	5
October 1993	8
January 1994	11
Agricultural Services: Workers, Average Hours Worked, and Wages	
January 1994	16
October 1993	16
January 1994	16
Other Labor Estimates	
U.S. Distribution of Workers	15
Wage Rates by Type of Farm, by Region, State, 48 States	13
Wage Rates by Economic Class of Farm, by Region, State, 48 States...	13
Farm Labor Region Map	17
Reliability of Farm Labor Estimates	18
Revision Policy	18

The next "Farm Labor" report will be released at 3 p.m. ET on May 17, 1994.

The May 17th report will have information for the survey week of April 10-16, 1994. The report will include the number of Total Workers, All Hired Workers, Average Hours Worked by Hired Workers, and the All Hired Worker Wage Rates for 16 States along with regional and U.S. level information. State level information will be available for Arizona, California, Florida, Hawaii, Michigan, Minnesota, New Mexico, New York, North Carolina, Oklahoma, Oregon, Pennsylvania, Texas, Virginia, Washington, and Wisconsin. The hourly method of pay wage rate and the wage rate for field and livestock workers will be available for the 16 States and at the regional and U.S. level. The number of self-employed and unpaid workers along with the corresponding average hours worked will be available for California, Florida, Hawaii, and at the regional and U.S. level. Wage rates by method of pay, type of worker, type of farm, and economic class of farm will also be available at the regional and U.S. level. The number of Agricultural Service Workers and the corresponding wage rates (including by method of pay and for field workers) will be published for Florida and California.

The United States Department of Agriculture (USDA) prohibits discrimination in its programs on the basis of race, color, national origin, sex, religion, age, disability, political beliefs, and marital or familial status. Persons with disabilities who require alternative means for communication of program information (braille, large print, audiotape, etc.) should contact the USDA Office of Communications at (202) 720-5881 (voice) or (202) 720-7808 (TDD).

To file a complaint, write the Secretary of Agriculture, USDA, Washington, D.C., 20250, or call (202) 720-7327 (voice) or (202) 720-1127 (TDD). USDA is an equal employment opportunity employer.

.

.

.

|
