

Farm Labor



National
Agricultural
Statistics
Service

United States
Department of
Agriculture

Washington, D.C.

Released May 17, 1994, by the Agricultural Statistics Board. Estimates refer to the week of April 10-16, 1994.

Number of Workers Slightly Higher

There were 2.92 million people working on the Nation's farms and ranches during the week of April 10-16, 1994. This compares with 2.88 million people during the April 1993 survey week. Self-employed farm operators accounted for 1.42 million of the total, along with 456,000 unpaid workers, and 803,000 workers hired directly by farm operators. Agricultural service employees working on farms and ranches made up the remaining 240,000 workers.

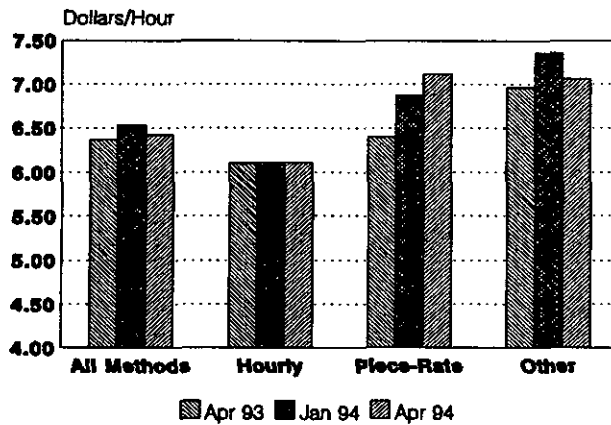
Farm operators paid their hired workers an average wage of \$6.42 per hour during the April 1994 survey week. This rate was up 5 cents from a year earlier. Workers paid on an hourly basis earned \$6.11 per hour compared with \$6.10 in April 1993. Field workers received an average of \$6.02 per hour, down 2 cents from the April 1993 survey week. Livestock workers earned \$5.80 per hour compared with \$5.65 a year earlier.

Benefits, such as housing and meals, were provided to 42 percent of the hired workers during the survey week, compared to 44 percent in April 1993.

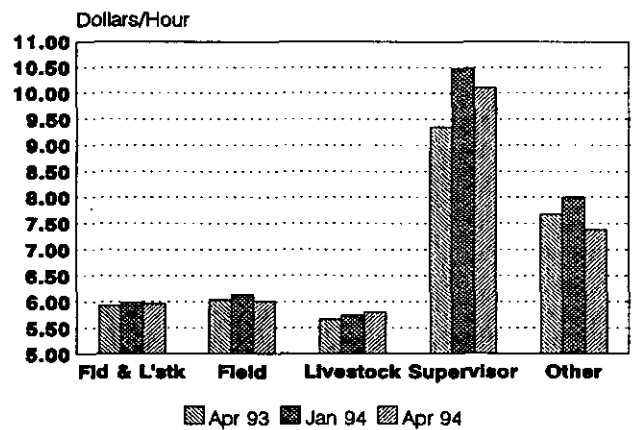
During the survey week of April 10-16, 1994, a powerful storm crossed the central third of the Nation during the first half of the week. The storm also delivered heavy snow to the Rockies and the central High Plains, as well as the first 1-inch rainfall of the spring to the western Corn Belt. In Georgia, North Carolina, and Texas corn planting progressed, but in the Central United States planting and field preparation lagged because of wet conditions. Warm, dry weather allowed cotton planting to progress in California and Arizona. Rice seeding continued in Louisiana, Mississippi, and Texas with ground being prepared for planting in California. Sorghum planting was ahead of schedule in Arkansas, Mississippi, and Texas. Florida remained dry during the fruit set period, requiring round-the-clock irrigation in the groves. Vegetable harvest continued in California. Also, lemon and strawberry harvest were active in California.

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

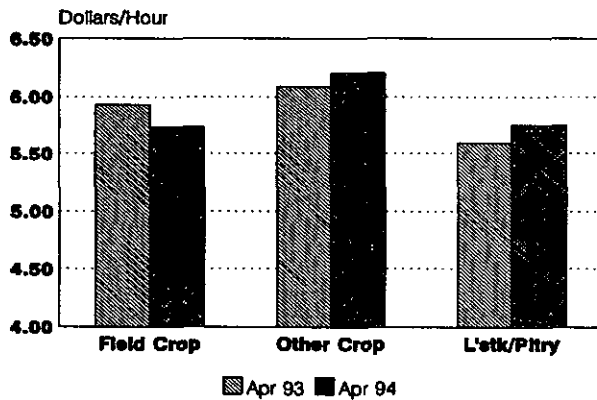
U.S. Wage Rates by Method of Pay



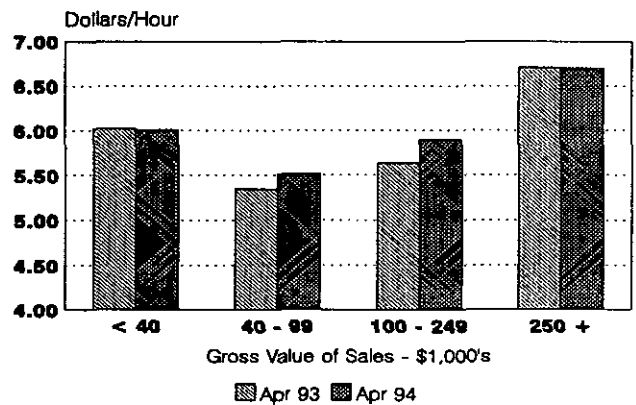
U.S. Wage Rates by Type of Worker



Wage Rate of Field & L'stk Wkrs 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,
April 10-16 1994, with Comparisons 1/

Farm Employment	: April 11-17, : 1993	: January 9-15, : 1994	: April 10-16, : 1994
		1,000	
Farm Workers	2,660	2,340	2,679
Self-Employed	1,468	1,367	1,420
Unpaid	364	336	456
Hired	828	637	803
Expected to be Employed			
150 Days or More	658	519	613
149 Days or Less	170	118	190
Agricultural Services Workers Working on Farms	224	140	240
Total Farm & Service Workers	2,884	2,480	2,919
Index - 1977=100			
All Farm Workers	70	72	70
Hired Workers	74	76	72
		Dollars per Hour	
Wage Rates for All Hired Workers <u>2/</u> <u>3/</u>	6.37	6.54	6.42
Method of Pay			
Hourly	6.10	6.11	6.11
Piece-Rate	6.40	6.88	7.12
Other	6.97	7.36	7.06
Type of Worker			
Field & Livestock Combined	5.92	5.99	5.96
Field	6.04	6.14	6.02
Livestock	5.65	5.75	5.80
Supervisory	9.36	10.47	10.10
Other	7.68	8.00	7.38
Index - 1977=100			
All Hired Worker Wage Rate	223	222	224

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.
April 10-16, 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>
Thousands						
NY	62			22		
Other <u>4/</u>	46			23		
Northeast I	108	49	14	45	36	9
PA	93			23		
Other <u>4/</u>	35			14		
Northeast II	128	61	30	37	32	5
NC	67			24		
VA	39			13		
Appalachian I	106	55	14	37	23	14
Appalachian II	174	118	30	26	17	9
Southeast	129	65	17	47	31	16
FL	96	22	3	71	53	18
MI	63			22		
MN	130			16		
WI	107			24		
Lake	300	171	67	62	45	17
Cornbelt I	240	157	37	46	39	7
Cornbelt II	208	139	44	25	20	5
Delta	134	76	19	39	30	9
Northern Plains	230	150	52	28	23	5
OK	82			12		
TX	206			47		
Southern Plains	288	174	55	59	48	11
Mountain I	78	39	18	21	16	5
Mountain II	48	25	7	16	12	4
AZ	25			11		
NM	27			7		
Mountain III	52	11	23	18	16	2
OR	65			21		
WA	68			32		
Pacific	133	65	15	53	33	20
CA	215	40	10	165	132	33
HI	12	3	1	8	7	1
US <u>5/</u>	2679	1420	456	803	613	190

- 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, April 10-16, 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			40.3	6.93
Other <u>4/</u> Northeast I	43.2	32.6	40.1	7.45 7.20
PA			44.0	5.87
Other <u>4/</u> Northeast II	38.2	34.6	41.8	7.16 6.32
NC			37.5	5.44
VA			36.1	5.89
Appalachian I	32.1	30.5	37.0	5.59
Appalachian II	24.6	26.1	30.7	5.78
Southeast	28.7	23.7	37.6	6.17
FL	27.0	27.0	36.0	6.90
MI			41.4	6.61
MN			35.4	6.90
WI			37.0	5.56
Lake	45.0	32.5	38.1	6.29
Cornbelt I	34.1	31.1	38.4	6.65
Cornbelt II	39.8	27.7	35.9	5.87
Delta	31.2	25.7	41.4	5.23
Northern Plains	49.2	36.7	46.2	6.20
OK			41.0	6.05
TX			45.1	5.80
Southern Plains	33.6	25.6	44.3	5.85
Mountain I	57.5	35.1	55.3	5.63
Mountain II	41.1	29.1	42.3	6.35
AZ			50.0	6.50
NM			51.5	6.12
Mountain III	34.7	28.1	50.6	6.35
OR			37.6	6.45
WA			41.0	6.83
Pacific	30.0	31.5	39.7	6.69
CA	36.7	24.8	44.0	6.86
HI	30.2	31.4	37.1	9.90
US <u>5/</u>	37.3	30.2	40.8	6.42

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,
April 10-16, 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	6.45		6.17			7.02		
Other <u>4/</u>	7.20		6.28			7.45		
Northeast I	6.88	5.68	6.23	10.09	7.45	7.24	7.51	7.02
PA	6.14		5.36			6.40		
Other <u>4/</u>	6.46		6.54			6.32		
Northeast II	6.28	5.22	5.77	9.07	7.94	6.37	<u>3/</u>	6.26
NC	5.15		5.23			5.23		
VA	5.49		5.61			5.81		
Appalachian I	5.24	5.63	5.35	7.93	<u>3/</u>	5.39	<u>3/</u>	5.90
Appalachian II	5.84	5.41	5.62	<u>3/</u>	<u>3/</u>	5.73	<u>3/</u>	<u>3/</u>
Southeast	5.79	5.79	5.79	10.11	8.02	6.03	5.38	6.78
FL	6.40	6.00	6.36	11.55	10.55	6.24	7.50	10.50
MI	6.09		6.21			6.32		
MN	6.70		6.29			6.65		
WI	6.40		5.28			5.73		
Lake	6.27	5.46	5.84	9.42	7.98	6.22	<u>3/</u>	6.40
Cornbelt I	6.75	6.40	6.62	11.14	5.55	6.37	<u>3/</u>	7.58
Cornbelt II	6.02	5.38	5.68	<u>3/</u>	<u>3/</u>	5.73	<u>3/</u>	6.05
Delta	4.96	5.17	5.00	<u>3/</u>	6.75	5.27	<u>3/</u>	5.11
Northern Plains	5.83	6.13	5.96	7.83	6.30	6.25	<u>3/</u>	6.17
OK	5.63		5.91			5.90		
TX	5.28		5.48			5.39		
Southern Plains	5.34	5.84	5.56	8.51	6.52	5.52	<u>3/</u>	6.38
Mountain I	5.70	5.29	5.51	7.09	<u>3/</u>	5.95	<u>3/</u>	5.38
Mountain II	5.72	5.57	5.65	<u>3/</u>	7.24	5.57	<u>3/</u>	7.07
AZ	5.65		5.81			5.92		
NM	5.33		5.79			5.80		
Mountain III	5.60	6.09	5.81	9.49	<u>3/</u>	5.89	<u>3/</u>	6.93
OR	5.97		5.96			5.97		
WA	6.26		6.41			6.39		
Pacific	6.15	6.86	6.24	10.29	7.01	6.24	5.80	9.20
CA	6.13	7.06	6.22	12.25	9.51	6.09	7.64	10.62
HI	8.71	<u>3/</u>	8.68	15.60	<u>3/</u>	8.91	<u>3/</u>	13.72
US <u>7/</u>	6.02	5.80	5.96	10.10	7.38	6.11	7.12	7.06

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 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	Livestock	Supervisory	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.

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				1,000		
NY	62			23		
Other <u>4/</u>	31			20		
Northeast I	93	38	12	43	33	10
PA	85			22		
Other <u>4/</u>	43			15		
Northeast II	128	65	26	37	29	8
NC	68			25		
VA	44			11		
Appalachian I	112	65	11	36	25	11
Appalachian II	197	145	22	30	20	10
Southeast	122	69	14	39	28	11
FL	90	25	4	61	54	7
MI	62			17		
MN	119			14		
WI	108			23		
Lake	289	171	64	54	43	11
Cornbelt I	259	171	40	48	38	10
Cornbelt II	199	145	28	26	21	5
Delta	119	68	14	37	31	6
Northern Plains	213	137	37	39	31	8
OK	85			14		
TX	203			50		
Southern Plains	288	190	34	64	47	17
Mountain I	72	40	9	23	19	4
Mountain II	48	27	7	14	12	2
AZ	29			13		
NM	27			9		
Mountain III	56	11	23	22	19	3
OR	56			23		
WA	67			36		
Pacific	123	53	11	59	41	18
CA	240	45	7	188	160	28
HI	12	3	1	8	7	1
US <u>5/</u>	2660	1468	364	828	658	170

- 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.
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Workers on Farms: Hours Worked and Wage Rates for All Hired Workers,
by Region, State, and United States, April 11-17, 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			39.9	6.28
Other <u>4/</u>			38.9	7.60
Northeast I	48.6	38.4	39.4	6.96
PA			43.0	6.25
Other <u>4/</u>			44.1	7.05
Northeast II	44.6	36.4	43.4	6.58
NC			36.1	5.77
VA			39.0	6.10
Appalachian I	29.9	33.0	37.0	5.88
Appalachian II	23.0	28.6	32.9	5.93
Southeast	32.2	35.0	35.3	5.70
FL	23.0	33.5	39.0	6.64
MI			38.3	6.54
MN			37.4	6.59
WI			38.0	5.16
Lake	40.5	35.5	37.9	5.95
Cornbelt I	28.4	30.9	36.1	6.79
Cornbelt II	36.7	35.0	33.4	6.10
Delta	30.0	28.4	36.8	5.59
Northern Plains	47.3	38.0	41.0	6.17
OK			39.0	6.45
TX			36.1	5.49
Southern Plains	31.0	29.9	36.7	5.71
Mountain I	44.0	40.8	49.2	5.76
Mountain II	40.7	28.7	44.3	5.96
AZ			49.0	5.88
NM			45.0	5.65
Mountain III	37.5	33.0	47.4	5.79
OR			39.0	7.07
WA			43.0	7.54
Pacific	28.7	33.1	41.4	7.36
CA	30.5	36.0	40.9	6.56
HI	30.2	29.9	38.5	9.53
US <u>5/</u>	34.5	33.8	39.3	6.37

- 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,
April 11-17, 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	6.12		5.70			6.28			
Other <u>4/</u>	7.25		6.50			7.64			
Northeast I	6.78	5.28	6.11	11.47	9.63	7.06	<u>3/</u>		6.83
PA	6.52		5.98			6.15			
Other <u>4/</u>	6.56		6.39			6.59			
Northeast II	6.54	5.32	6.14	9.77	<u>3/</u>	6.34	7.97		6.66
NC	5.11		5.19			5.15			
VA	5.63		5.68			5.90			
Appalachian I	5.26	5.59	5.36	8.03	<u>3/</u>	5.37	<u>3/</u>		6.95
Appalachian II	5.99	4.97	5.66	<u>3/</u>	<u>3/</u>	5.84	<u>3/</u>		<u>3/</u>
Southeast	5.54	5.07	5.41	<u>3/</u>	<u>3/</u>	5.75	<u>3/</u>		5.60
FL	6.25	5.50	6.19	11.25	<u>3/</u>	6.10	6.80		9.45
MI	6.29		6.44			6.48			
MN	7.26		6.51			6.79			
WI	6.34		4.73			5.26			
Lake	6.74	5.12	5.62	8.57	6.28	6.07	<u>3/</u>		5.74
Cornbelt I	6.82	5.97	6.49	9.02	7.15	6.88	<u>3/</u>		6.76
Cornbelt II	5.81	5.82	5.81	<u>3/</u>	<u>3/</u>	5.86	<u>3/</u>		6.55
Delta	5.12	5.32	5.18	8.35	5.57	5.14	<u>3/</u>		6.64
Northern Plains	5.93	6.08	6.01	8.01	5.70	5.87	<u>3/</u>		6.51
OK	5.70		5.64			5.60			
TX	4.83		4.92			5.26			
Southern Plains	4.95	5.21	5.05	7.59	6.49	5.34	<u>3/</u>		6.08
Mountain I	5.67	5.43	5.53	6.36	7.00	5.67	<u>3/</u>		<u>3/</u>
Mountain II	5.44	5.84	5.67	<u>3/</u>	<u>3/</u>	5.47	<u>3/</u>		6.26
AZ	5.50		5.54			5.25			
NM	4.61		5.28			5.23			
Mountain III	5.20	<u>3/</u>	5.43	7.45	<u>3/</u>	5.24	<u>3/</u>		<u>3/</u>
OR	6.68		6.61			6.60			
WA	6.75		7.02			7.21			
Pacific	6.72	7.93	6.87	11.11	9.54	6.99	<u>3/</u>		9.88
CA	5.93	6.31	5.98	11.20	9.45	6.07	5.65		9.42
HI	8.46	<u>3/</u>	8.33	15.18	<u>3/</u>	8.57	<u>3/</u>		<u>3/</u>
US <u>7/</u>	6.04	5.65	5.92	9.36	7.68	6.10	6.40		6.97

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/}	April 11-17, 1993				April 10-16, 1994			
	Field: Crops:	Other: Crops:	L'stk &: Poultry:	All Farms:	Field: Crops:	Other: Crops:	L'stk &: Poultry:	All Farms:
Dollars per Hour								
Northeast	6.35	6.80	5.10	6.12	6.04	6.56	5.56	6.00
Appalachian	5.01	6.10	5.42	5.49	4.92	5.98	5.58	5.45
Southeast	5.19	6.32	5.27	5.90	5.86	6.22	6.00	6.13
Lake	6.80	6.68	5.15	5.62	7.11	6.43	5.20	5.84
Cornbelt	6.69	6.45	5.84	6.26	6.15	7.06	5.88	6.27
Delta	5.28	5.74	4.97	5.18	5.12	4.87	4.85	5.00
Northern Plains	6.31	4.86	6.26	6.01	5.86	^{3/}	6.02	5.96
Southern Plains	5.09	5.27	4.94	5.05	5.13	5.09	6.00	5.56
Mountain	5.54	4.79	5.78	5.53	5.81	6.05	5.39	5.64
Pacific	7.11	5.93	6.69	6.19	6.09	6.13	7.03	6.22
48 States	5.93	6.09	5.59	5.89	5.72	6.20	5.74	5.93

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

Region ^{2/}	April 11-17, 1993				April 10-16, 1994			
	Gross Value Sales-\$1000's <40: 40-99:		All Farms:		Gross Value Sales-\$1000's <40: 40-99:		All Farms:	
Dollars per Hour								
N. East	8.83	5.23	5.65	7.40	6.79	7.62	5.97	6.09
Appal.	5.34	5.28	5.96	6.21	5.90	5.24	5.45	5.42
S. East	5.76	5.83	5.59	6.56	6.29	6.42	6.30	6.02
Lake	5.11	3.95	4.70	7.08	5.95	5.01	3.54	6.83
Cornbelt	6.28	5.59	6.33	6.91	6.56	6.21	5.22	5.78
Delta	5.02	4.81	5.50	5.97	5.59	5.67	4.92	5.07
N. Plains:	6.55	5.88	6.07	6.22	6.17	5.35	5.69	5.84
S. Plains:	5.79	4.78	5.03	6.23	5.71	5.26	5.90	5.56
Mountain	5.70	5.24	5.34	6.09	5.82	4.39	5.53	5.01
Pacific	6.25	6.17	6.11	6.87	6.75	6.72	6.21	6.28
48 States:	6.07	5.35	5.63	6.70	6.34	6.01	5.52	5.90

^{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	April 11-17, 1993	January 9-15, 1994	April 10-16, 1994
	Percent of Field and Livestock Workers <u>2/</u> <u>3/</u>		
Field Crops	21	15	22
Other Crops	48	47	46
Livestock, Dairy, & Poultry	31	38	32
	100.0	100.0	100.0

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

Gross Value of Sales	April 11-17, 1993	January 9-15, 1994	April 10-16, 1994
	Percent of Hired Workers <u>3/</u>		
Less than \$40,000	10	8	9
\$40,000-\$99,999	10	9	11
\$100,000-\$249,999	18	19	18
\$250,000 and over	62	64	62
	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/

	April 11-17, 1993	January 9-15, 1994	April 10-16, 1994
	Percent of Hired Workers		
Employed on Farms Hiring:			
1 Worker	14	16	13
2 Workers	9	12	11
3-6 Workers	22	21	21
7-10 Workers	9	8	8
At least 11 Workers	46	43	47
	100.0	100.0	100.0
Payment Method:			
Hourly	70	63	70
Piece-Rate	4	9	5
Other Methods	26	28	25
	100.0	100.0	100.0
Benefits: <u>3/</u>			
Housing and Meals	5	6	5
Housing (no Meals)	12	13	14
Meals (no Housing)	3	2	3
Bonus	5	6	5
Other Benefits	19	16	15
Wages Only	56	57	58
	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 240,000 workers for the Nation's farms and ranches during the week of April 10-16, 1994. Service workers in California numbered 75,000 compared with 65,000 during the April 1993 survey week. Florida's number of service workers was 25,200, compared to 19,000 last year.

The average wages received by agricultural service workers in California and Florida were \$6.32 and \$8.22 per hour, respectively. Comparable wages in April 1993 were \$6.70 in California and \$6.37 in Florida.

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

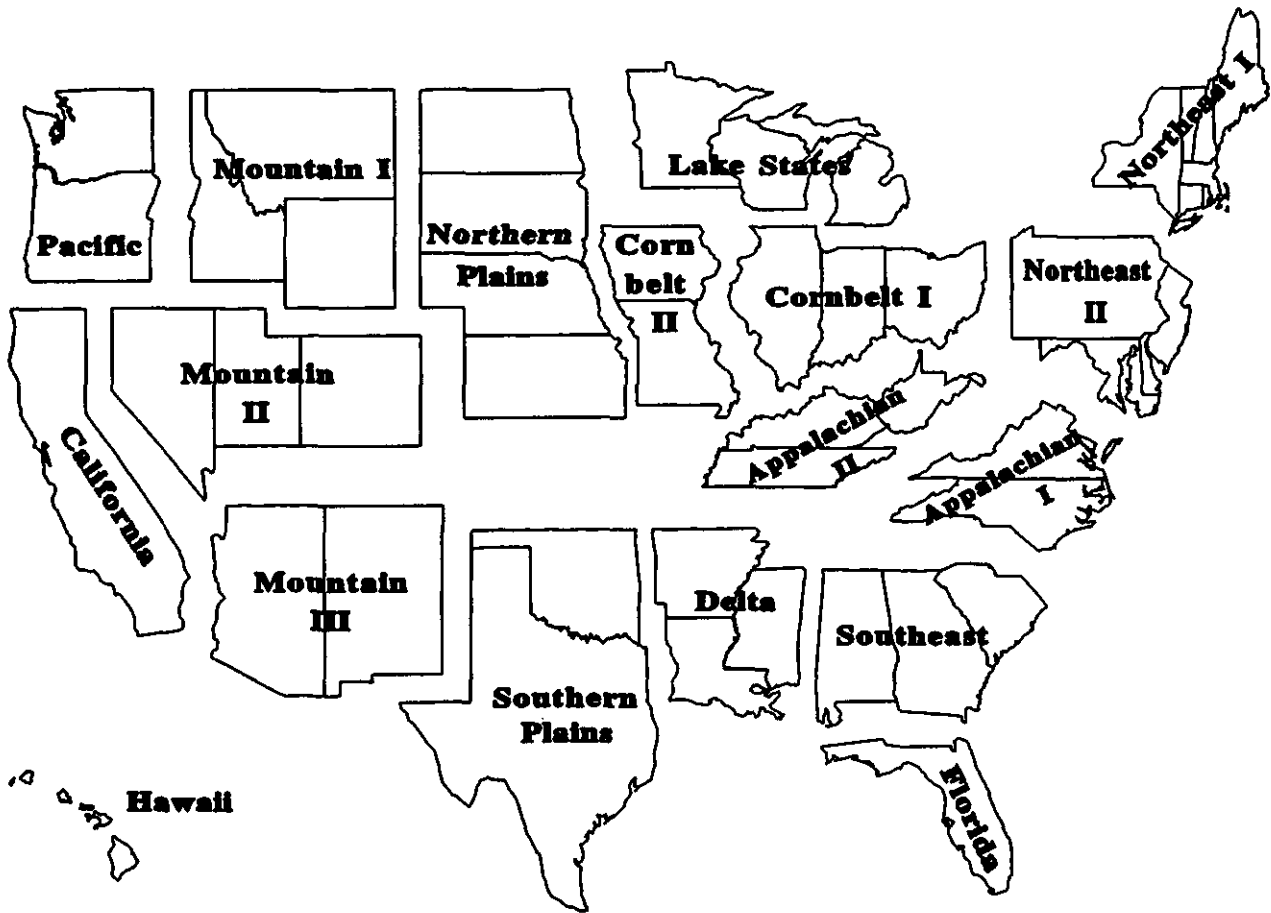
Item	Number of Workers :: Working on Farms ::			Hours Worked ::			Wage Rates <u>3/</u>		
	Apr 1993	Jan 1994	Apr 1994	Apr 1993	Jan 1994	Apr 1994	Apr 1993	Jan 1994	Apr 1994
	1,000			Hours <u>2/</u>			Dollars per Hour <u>2/</u>		
CA	65.0	57.0	75.0	39.4	35.4	40.2	6.70	6.19	6.32
FL	19.0	13.0	25.2	37.0	31.0	33.0	6.37	7.56	8.22
US	224.0	140.0	240.0						
	Method of Pay ::			Type of Work ::					
	Hourly ::			Piece-Rate ::			Field		
	Apr 1993	Jan 1994	Apr 1994	Apr 1993	Jan 1994	Apr 1994	Apr 1993	Jan 1994	Apr 1994
	Dollars per Hour <u>2/</u>								
CA	6.05	5.56	5.79	7.76	6.75	7.50	6.18	5.75	5.99
FL	5.40	6.20	7.61	6.56	7.80	8.50	6.10	7.04	8.00

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.

Farm Labor Definitions

The following definitions are provided to assist in interpreting statistics published in this report. To insure consistency in data collection, the questionnaires and instruction manual used by the interviewers provide more in-depth explanations of these terms.

Farm or Ranch: Places that sell, or would normally sell, at least \$1000 worth of agricultural products during the year.

Agricultural Work: Work done on a farm or ranch in connection with the production of agricultural products, including nursery and greenhouse products and animal specialties such as fur farms or apiaries. Also included is work done off the farm to handle farm related business, such as trips to buy feed or deliver products to local market.

Self-employed Worker: A farm or ranch operator or partner who did at least one hour of unpaid agricultural work on a farm or ranch during the survey week.

Unpaid Worker: Anyone, other than a self-employed worker, who did at least 15 hours of unpaid agricultural work on a farm or ranch during the survey week.

Hired Worker: Anyone, other than an agricultural service worker, who was paid for at least one hour of agricultural work on a farm or ranch. Worker type is determined by what the employee was primarily hired to do, not necessarily what work was done during the survey week. Type of workers include:

Field Workers: Employees engaged in planting, tending and harvesting crops including operation of farm machinery on crop farms.

Livestock Workers: Employees tending livestock, milking cows or caring for poultry, including operation of farm machinery on livestock or poultry operations.

Supervisors: Hired managers, range foremen, crew leaders, etc.

Other Workers: Employees engaged in agricultural work not included in the other three categories. Bookkeepers and pilots are examples.

Farm Labor Definitions - continued

Methods of Pay: Wage rates are calculated based on total wages and hours worked during the survey week. Definitions for the three categories are:

Hourly Wages: Pay based on hours actually worked.

Piece-rate Wages: Pay determined by multiplying the units produced (boxes, crates, bales, etc.) by the rate per unit.

Other Pay Methods: All other methods of calculating pay, such as straight salary, regardless of hours worked.

Perquisites: Benefits, such as a cash bonuses, housing, or meals, provided to an employee in addition to pay are included in perquisites. Wage rates published in this release do not include the value of these benefits.

Term of Employment: The length of time during the year the farm operator expects to employ those workers who were on the payroll during the survey week.

Agricultural Service: Agricultural work performed on a farm or ranch if the provider of the service is paid on a contract basis for materials, equipment, or labor.

Type of Farm (or Ranch): An operation is classified in the farm type which accounts for the largest portion of the total value of sales for its agriculture production. The three types of farms are:

Field Crops: A farm primarily engaged in the production of: wheat, rice, corn, soybeans, barley, dry beans, rye, sorghum, cotton, popcorn, tobacco, potatoes, sugar crops, hay, peanuts, hops, mint, or other such crops.

Other Crops: A farm primarily engaged in the production of: vegetables, melons, berry crops, grapes, tree nuts, citrus fruits, deciduous tree fruits, avocados, dates, figs, olives, nursery, or greenhouse crops.

Livestock or Poultry: An operation primarily engaged in production of: cattle, hogs, sheep, goats, milk, chickens, eggs, turkeys, or animal specialties such as furs, fish, honey, etc.

Gross Value of Sales: Gross value includes all income during a year from the sale of crops, livestock, dairy, poultry, or other related agricultural products, including the landlord's share. When commodities are placed under CCC loan, they are considered as sold.

Reliability of Farm Labor Estimates

Survey Procedures: These data were collected by the National Agricultural Statistics Service during the last two weeks of April 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 April 10-16, 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 2.1 percent and 3.2 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 1.2 percent. The relative sampling error was 1.2 percent for hourly paid workers and 1.0 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 April 1993 and January 1994 were subject to revisions with this report. No revisions were made but previous data are reprinted in this report for your information.

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The August 16th report will have information for the survey week of July 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.

