

Farm Labor



**National
Agricultural
Statistics
Service**

**United States
Department of
Agriculture**

Washington, D.C.

Released May 19, 1992, by the Agricultural Statistics Board. Estimates refer to the week of April 12-18, 1992.

April Worker Numbers Down

There were 2.87 million people working on the Nation's farms and ranches during the week of April 12-18, 1992. Self-employed farm operators accounted for 1.44 million of the total, along with 394,000 unpaid workers, and 837,000 workers hired directly by farm operators. Agricultural service employees working on farms and ranches made up the remaining 205,000 workers.

Farm operators paid their hired workers an average wage of \$6.05 per hour during the April 1992 survey week. This rate was up 24 cents from a year earlier. Workers paid on an hourly basis earned \$5.75 per hour compared with \$5.44 last April. Field workers received an average of \$5.68 per hour, up 23 cents from the April 1991 survey week. Livestock workers earned \$5.52 per hour compared with \$5.35 a year earlier.

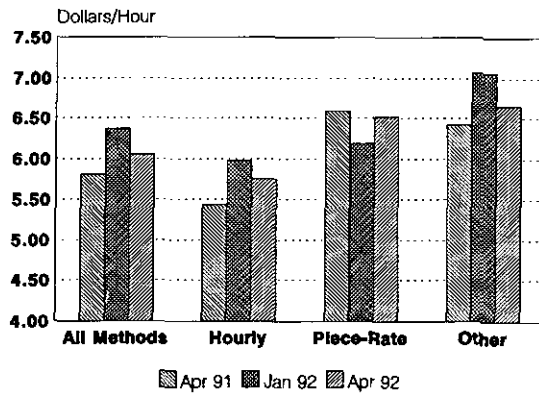
Self-employed farm operators worked an average of 36.5 hours, compared to 36.7 hours in the comparable week in 1991. Unpaid workers averaged 34.5 hours, compared to 34.3 hours last year. Hired employees worked 39.6 hours compared to 40.0 hours in April of last year.

Benefits, such as housing and meals, were provided to 41 percent of the hired workers during the survey week, the same as in April 1991.

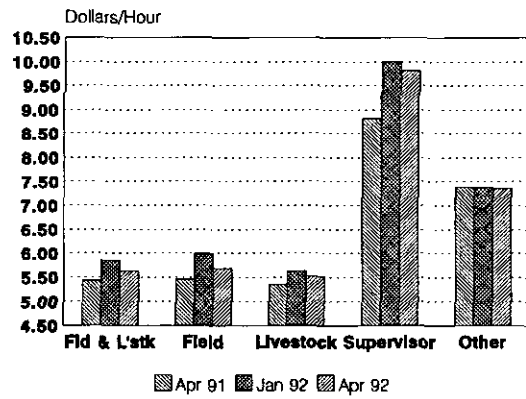
Numerous thunderstorms delayed fieldwork in the Mississippi and Ohio Valleys during the survey week of April 12-18, 1992. Rains largely missed the northern and central Great Plains but slowed field work in the southern Great Plains after midweek. Heavy rains and high winds lashed the Pacific Northwest and northern Rockies late in the week. Spring small grain seeding was active from Idaho through the Dakotas. Corn planting was in full swing in the southern States. Cotton planting was gaining momentum in the Delta and Southeast and was well underway in the West. Hay harvest continued in the Southwest. Arizona and California citrus harvests continued. California navel orange picking was well along and Valencia harvest was underway. Florida's Valencia harvest was in full swing, while grapefruit and tangerine movement slowed. Vegetable planting and harvest were active in California. Onion digging began in the Imperial Valley. Florida's vegetable harvests were active as only scattered showers were received. Onion planting was well along in the West, while harvest was starting in Georgia. Planting of summer vegetables increased in the central Atlantic Coast States, and planting of cold tolerant vegetables was underway further north.

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

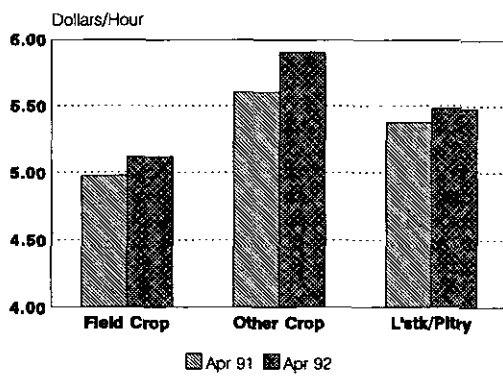
U.S. Wage Rates by Method of Pay



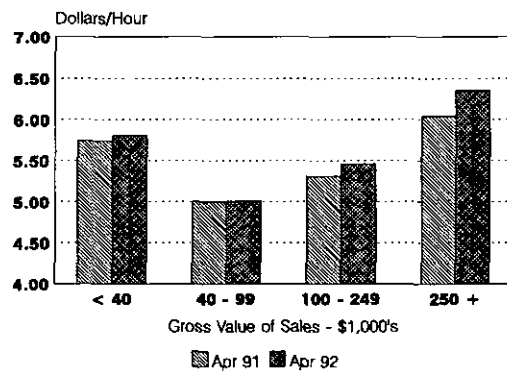
U.S. Wage Rates by Type of Worker



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 12-18, 1992, with Comparisons 1/

Farm Employment	: April 7-13, : 1991	: January 12-18, : 1992	: April 12-18, : 1992
	: Thousands		
Farm Workers	2,743	2,449	2,669
Self-Employed	1,481	1,425	1,438
Unpaid	436	321	394
Hired	826	703	837
Expected to be Employed			
150 Days or More	636	558	634
149 Days or Less	190	145	203
Agricultural Services			
Workers Working on Farms	206	123	205
Total Farm & Service Workers	2,949	2,572	2,874
Index - 1977=100			
All Farm Workers	71	77	70
Hired Workers	74	84	75
	: Dollars per Hour		
Wage Rates for			
All Hired Workers <u>2/ 3/</u>	5.81	6.37	6.05
Method of Pay			
Hourly	5.44	5.97	5.75
Piece-Rate	6.59	6.19	6.52
Other	6.42	7.07	6.66
Type of Worker			
Field & Livestock Combined	5.42	5.85	5.63
Field	5.45	5.99	5.68
Livestock	5.35	5.62	5.52
Supervisory	8.82	10.01	9.83
Other	7.39	7.39	7.36
Index - 1977=100			
All Hired Workers	203	216	212

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 12-18, 1992 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			24		
Other <u>4/</u>	42			21		
Northeast I	104	47	12	45	37	8
PA	84			25		
Other <u>4/</u>	37			14		
Northeast II	121	59	23	39	32	7
NC	86			36		
VA	55			11		
Appalachian I	141	78	16	47	28	19
Appalachian II	187	129	25	33	19	14
Southeast	136	69	20	47	34	13
FL	100	32	3	65	55	10
MI	77			20		
MN	107			18		
WI	112			23		
Lake	296	168	67	61	46	15
Cornbelt I	242	148	43	51	38	13
Cornbelt II	202	141	33	28	21	7
Delta	112	63	12	37	29	8
Northern Plains:	215	143	41	31	25	6
OK	75			8		
TX	199			53		
Southern Plains:	274	181	32	61	46	15
Mountain I	79	42	14	23	18	5
Mountain II	56	28	8	20	15	5
AZ	29			13		
NM	27			7		
Mountain III	56	13	23	20	17	3
OR	61			26		
WA	61			28		
Pacific	122	52	16	54	35	19
CA	213	42	5	166	131	35
HI	13	3	1	9	8	1
US <u>5/</u>	2,669	1,438	394	837	634	203

1/ Excludes Agricultural Service Workers. 2/ Region map on page 18.
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 12-18, 1992 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			37.7	5.85
Other <u>4/</u>			40.5	6.99
Northeast I	45.9	36.6	39.0	6.40
PA			40.0	6.10
Other <u>4/</u>			38.5	8.33
Northeast II	45.7	38.4	39.5	6.90
NC			38.5	5.29
VA			38.7	5.52
Appalachian I	31.5	34.1	38.5	5.34
Appalachian II	24.7	28.2	35.3	5.11
Southeast	33.2	36.8	38.8	5.22
FL	23.0	39.5	35.0	6.39
MI			41.6	6.34
MN			32.3	6.59
WI			40.2	5.17
Lake	42.6	35.5	38.3	5.92
Cornbelt I	34.8	31.4	37.4	6.42
Cornbelt II	39.3	34.1	35.6	5.74
Delta	35.5	34.1	49.3	5.03
Northern Plains:	47.5	38.8	41.9	5.81
OK			35.7	6.00
TX			37.7	5.27
Southern Plains:	30.5	34.0	37.4	5.37
Mountain I	44.9	37.6	48.1	5.27
Mountain II	38.7	42.3	36.9	5.72
AZ			48.0	5.26
NM			43.6	6.06
Mountain III	39.1	29.0	46.5	5.51
OR			35.4	6.36
WA			39.0	6.45
Pacific	33.4	30.7	37.3	6.41
CA	31.7	31.1	42.3	6.70
HI	28.3	31.0	36.6	9.17
US <u>5/</u>	36.5	34.5	39.6	6.05

- 1/ Excludes Agricultural Service Workers.
2/ Region map on page 18.
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 12-18, 1992 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	5.77		5.50			6.14		
Other <u>4/</u>	6.65		6.19			6.70		
Northeast I	6.22	5.26	5.82	10.28	8.06	6.41	<u>3/</u>	6.39
PA	5.70		5.62			6.15		
Other <u>4/</u>	7.94		7.12			7.40		
Northeast II	6.48	5.54	6.11	11.24	7.98	6.62	<u>3/</u>	7.31
NC	4.72		4.93			5.12		
VA	5.00		5.08			5.29		
Appalachian I	4.77	5.55	4.97	9.85	6.54	5.16	<u>3/</u>	5.78
Appalachian II	4.90	5.21	4.98	<u>3/</u>	<u>3/</u>	4.98	<u>3/</u>	5.49
Southeast	4.53	5.42	4.76	10.07	8.48	4.94	<u>3/</u>	5.88
FL	5.91	6.30	5.97	10.70	8.15	5.80	6.55	8.40
MI	5.27		5.73			5.62		
MN	7.17		6.55			6.86		
WI	5.97		4.76			4.97		
Lake	6.19	5.16	5.52	10.14	7.32	5.71	<u>3/</u>	6.23
Cornbelt I	6.48	5.75	6.32	7.73	5.68	6.32	<u>3/</u>	6.63
Cornbelt II	5.37	5.58	5.49	7.89	5.44	5.37	<u>3/</u>	6.40
Delta	4.82	5.07	4.85	7.45	<u>3/</u>	4.87	<u>3/</u>	5.44
Northern Plains	5.62	5.57	5.60	8.85	5.72	5.72	<u>3/</u>	5.89
OK	5.35		5.84			5.83		
TX	4.79		4.81			4.86		
Southern Plains	4.84	5.13	4.95	9.72	7.12	5.01	<u>3/</u>	5.76
Mountain I	5.28	4.93	5.13	6.05	<u>3/</u>	5.39	<u>3/</u>	5.21
Mountain II	5.62	5.11	5.40	<u>3/</u>	<u>3/</u>	5.52	<u>3/</u>	6.02
AZ	4.90		5.05			4.90		
NM	5.18		5.36			5.66		
Mountain III	4.97	5.49	5.14	<u>3/</u>	<u>3/</u>	5.12	<u>3/</u>	6.25
OR	6.05		6.03			6.09		
WA	5.68		6.02			6.02		
Pacific	5.86	7.12	6.02	8.68	7.35	6.06	6.07	7.40
CA	6.12	6.40	6.16	12.30	8.84	6.10	6.70	10.12
HI	8.20	<u>3/</u>	8.16	<u>3/</u>	<u>3/</u>	8.24	<u>3/</u>	13.06
US <u>7/</u>	5.68	5.52	5.63	9.83	7.36	5.75	6.52	6.66

1/ Excludes Agricultural Service Workers. 2/ Region map on page 18.

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 12-18, 1992 1/

State and Region <u>2/</u>	All Farm Workers <u>3/</u>	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				19			
Other <u>4/</u>				17			
Northeast I	88	41	11	36	32	4	
PA				23			
Other <u>4/</u>				11			
Northeast II	113	57	22	34	28	6	
NC				18			
VA				9			
Appalachian I	111	74	10	27	18	9	
Appalachian II	169	126	17	26	21	5	
Southeast	121	69	15	37	33	4	
FL	114	32	4	78	50	28	
MI				15			
MN				14			
WI				19			
Lake	257	156	53	48	42	6	
Cornbelt I	243	167	40	36	30	6	
Cornbelt II	194	146	26	22	18	4	
Delta	98	65	11	22	18	4	
Northern Plains:	189	131	27	31	27	4	
OK				7			
TX				47			
Southern Plains:	256	173	29	54	43	11	
Mountain I	67	40	9	18	17	1	
Mountain II	50	28	6	16	15	1	
AZ				15			
NM				5			
Mountain III	55	13	22	20	17	3	
OR				14			
WA				24			
Pacific	110	62	10	38	27	11	
CA	200	42	8	150	113	37	
HI	14	3	1	10	9	1	
US <u>5/</u>	2,449	1,425	321	703	558	145	

1/ Excludes Agricultural Service Workers. 2/ Region map on page 18.
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 12-18, 1992 1/

State and Region <u>2/</u>	Hours Worked <u>3/</u>			Wage Rates for All Hired Workers
	Self- Employed	Unpaid	Hired	
	---- Hours per Week ---			Dollars per Hour
NY				5.52
Other <u>4/</u> Northeast I	43.6	40.2	40.6	7.49 6.46
PA				5.66
Other <u>4/</u> Northeast II	37.5	34.0	39.3	7.72 6.49
NC				6.04
VA				5.50
Appalachian I	23.9	27.7	33.4	5.84
Appalachian II	19.4	31.0	36.9	5.70
Southeast	27.4	30.9	36.9	6.08
FL	22.5	33.0	36.0	6.29
MI				6.26
MN				6.14
WI				5.04
Lake	39.7	38.5	37.4	5.75
Cornbelt I	26.0	27.0	36.5	6.60
Cornbelt II	35.0	31.3	37.9	6.24
Delta	24.9	32.6	32.7	5.74
Northern Plains:	37.4	33.4	38.7	6.15
OK				5.37
TX				5.30
Southern Plains:	24.9	31.0	38.4	5.31
Mountain I	31.9	28.3	42.5	5.92
Mountain II	30.1	30.9	41.3	6.20
AZ				6.40
NM				5.77
Mountain III	32.0	34.2	41.5	6.30
OR				6.82
WA				7.15
Pacific	23.0	27.6	35.8	7.02
CA	30.3	30.0	41.8	6.95
HI	28.5	28.4	37.8	9.20
US <u>5/</u>	29.8	32.5	38.5	6.37

- 1/ Excludes Agricultural Service Workers.
2/ Region map on page 18.
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 12-18, 1992 1/

State and Region <u>2/</u>	Type of Worker					Method of Pay		
	Field	Livestock	Livestock	Field & Super- visory:Other	Hourly	Piece Rate	Other	
	Dollars per Hour							
Northeast I	6.85	5.00	5.72	10.46	8.97	6.36	3/	6.58
Northeast II	6.36	5.22	5.71	11.31	6.57	6.39	3/	6.55
Appalachian I	5.38	5.52	5.44	9.07	3/	5.46	3/	6.62
Appalachian II	5.61	5.40	5.52	3/	3/	5.67	3/	5.70
Southeast	5.43	5.55	5.48	9.65	7.71	5.69	3/	6.64
FL	5.87	6.00	5.88	10.65	8.15	5.93	6.00	8.50
Lake	5.60	4.76	5.04	9.33	7.83	5.44	3/	6.18
Cornbelt I	6.87	5.69	6.31	8.29	6.59	6.43	3/	6.84
Cornbelt II	5.78	5.98	5.94	7.65	6.17	5.80	3/	6.61
Delta	5.45	5.13	5.37	3/	5.24	5.24	3/	6.35
Northern Plains	5.91	5.77	5.80	7.90	6.19	5.93	3/	6.31
Southern Plains	4.91	4.95	4.93	7.54	6.87	5.02	3/	5.51
Mountain I	6.16	5.61	5.68	7.34	5.69	5.66	3/	5.95
Mountain II	5.55	5.57	5.57	8.85	3/	5.17	3/	6.88
Mountain III	5.98	5.77	5.94	3/	7.94	6.14	6.13	7.11
Pacific	6.28	7.63	6.58	10.74	7.62	6.26	6.83	8.82
CA	6.06	7.00	6.23	12.95	9.10	6.10	6.40	10.35
HI	8.38	3/	8.30	14.87	3/	8.40	3/	12.62
US <u>4/</u>	5.99	5.62	5.85	10.01	7.39	5.97	6.19	7.07

1/ Excludes Agricultural Service Workers.

2/ Region map on page 18.

3/ Insufficient data.

4/ Excludes AK.

Workers on Farms: Number by Region, State,
and United States, April 7-13, 1991 1/

State and Region <u>2/</u>	All Farm Workers <u>3/</u>	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				22		
Other <u>4/</u>				17		
Northeast I	90	39	12	39	33	6
PA				23		
Other <u>4/</u>				12		
Northeast II	139	70	34	35	27	8
NC				27		
VA				14		
Appalachian I	122	68	13	41	29	12
Appalachian II	204	151	24	29	19	10
Southeast	122	67	8	47	35	12
FL	79	28	5	46	33	13
MI				27		
MN				18		
WI				29		
Lake	308	165	69	74	54	20
Cornbelt I	280	172	56	52	42	10
Cornbelt II	210	151	34	25	19	6
Delta	119	64	15	40	30	10
Northern Plains	237	147	57	33	26	7
OK				9		
TX				47		
Southern Plains	280	185	39	56	40	16
Mountain I	80	44	12	24	19	5
Mountain II	54	27	10	17	14	3
AZ				9		
NM				7		
Mountain III	51	10	25	16	13	3
OR				18		
WA				46		
Pacific	120	47	9	64	42	22
CA	235	43	13	179	153	26
HI	13	3	1	9	8	1
US <u>5/</u>	2,743	1,481	436	826	636	190

1/ Excludes Agricultural Service Workers. 2/ Region map on page 18.
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 7-13, 1991 1/

State and Region <u>2/</u>	Hours Worked <u>3/</u>			Wage Rates for All Hired Workers
	Self- Employed	Unpaid	Hired	
	--- Hours per Week ---			Dollars per Hour
NY				5.71
Other <u>4/</u> Northeast I	50.1	35.4	40.7	6.23 5.93
PA				5.40
Other <u>4/</u> Northeast II	43.6	41.0	39.3	5.86 5.56
NC				4.42
VA				5.60
Appalachian I	32.1	41.2	39.8	4.79
Appalachian II	21.5	23.2	32.6	5.61
Southeast	28.4	38.1	38.2	5.20
FL	22.5	32.8	37.1	5.98
MI				5.85
MN				5.82
WI				5.20
Lake	46.9	34.2	37.3	5.59
Cornbelt I	36.2	35.5	36.1	6.50
Cornbelt II	40.2	33.6	36.5	5.63
Delta	28.5	29.7	36.7	5.30
Northern Plains:	49.0	38.6	41.5	5.41
OK				5.40
TX				5.01
Southern Plains:	30.2	29.8	35.9	5.06
Mountain I	42.9	39.4	48.9	5.11
Mountain II	43.4	32.2	45.7	5.67
AZ				5.67
NM				4.87
Mountain III	31.1	25.8	45.2	5.33
OR				5.99
WA				6.10
Pacific	34.4	37.4	41.5	6.07
CA	38.3	34.9	44.4	6.38
HI	29.9	34.5	37.8	8.73
US <u>5/</u>	36.7	34.3	40.0	5.81

- 1/ Excludes Agricultural Service Workers.
2/ Region map on page 18.
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 7-13, 1991 ^{1/}

Region ^{2/}	Type of Worker					Method of Pay		
	Field	Livestock	Livestock	Super- visory	Other	Hourly	Piece Rate	Other
Dollars per Hour								
Northeast I	5.98	5.08	5.54	8.43	^{3/}	5.96	^{3/}	5.79
Northeast II	5.50	5.01	5.30	7.85	6.69	5.55	6.46	5.43
Appalachian I	4.31	5.30	4.60	7.75	6.22	4.50	^{3/}	5.25
Appalachian II	4.98	4.90	4.94	10.32	^{3/}	5.09	^{3/}	6.62
Southeast	4.66	6.36	5.03	8.61	7.10	4.71	5.67	6.59
FL	5.39	5.88	5.45	10.98	8.73	5.32	6.81	7.63
Lake	5.86	5.07	5.38	7.15	6.62	5.31	^{3/}	5.94
Cornbelt I	5.94	5.46	5.80	9.12	6.35	5.96	^{3/}	7.26
Cornbelt II	4.99	5.20	5.09	8.39	5.49	5.06	^{3/}	6.33
Delta	5.14	5.01	5.09	8.30	^{3/}	4.89	^{3/}	6.08
Northern Plains	5.45	4.99	5.23	7.67	7.16	5.48	^{3/}	5.34
Southern Plains	4.73	4.96	4.82	7.73	5.63	4.85	^{3/}	5.41
Mountain I	4.96	4.93	4.95	5.75	5.60	5.23	^{3/}	5.04
Mountain II	5.62	5.21	5.44	6.98	^{3/}	5.74	^{3/}	5.62
Mountain III	4.98	5.11	5.03	7.74	^{3/}	4.95	^{3/}	5.94
Pacific	5.74	5.95	5.78	7.90	8.20	5.47	6.80	7.24
CA	5.69	6.91	5.82	10.90	8.94	5.77	6.65	9.50
HI	7.95	^{3/}	7.88	14.30	8.61	8.01	^{3/}	11.98
US ^{4/}	5.45	5.35	5.42	8.82	7.39	5.44	6.59	6.42

^{1/} Excludes Agricultural Service Workers.

^{2/} Region map on page 18.

^{3/} Insufficient data.

^{4/} Excludes AK.

All Hired Workers: Number and Wage Rates,
Selected States, March 8-14, 1992 1/

State	Number of Workers	Wage Rates <u>2/</u>
	Thousands	Dollars per Hour
FL	72	6.22
TX	54	5.13
NM	10	5.43
CA	150	6.80

Agricultural Service Workers: Number and Wage Rates,
California and Florida, March 8-14, 1992

State	Number of Workers Working on Farms	Wage Rates <u>2/</u>
	Thousands	Dollars per Hour
FL	8	7.20
CA	27	6.00

All Hired Workers: Number and Wage Rates,
Selected States, February 9-15, 1992 1/

State	Number of Workers	Wage Rates <u>2/</u>
	Thousands	Dollars per Hour
FL	68	6.08
TX	50	5.11
NM	9	6.05
CA	127	6.77

Agricultural Service Workers: Number and Wage Rates,
California and Florida, February 9-15, 1992

State	Number of Workers Working on Farms	Wage Rates <u>2/</u>
	Thousands	Dollars per Hour
FL	8	7.27
CA	28	6.55

1/ Excludes Agricultural Service Workers.

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

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

Region <u>2/</u>	April 7-13, 1991				April 12-18, 1992			
	Field: Crops:	Other: Crops:	L'stk &: Poultry:	All Farms:	Field: Crops:	Other: Crops:	L'stk &: Poultry:	All Farms:
	Dollars per Hour							
Northeast	5.42	5.71	5.16	5.43	6.04	6.45	5.37	5.95
Appalachian	3.97	5.70	5.27	4.71	4.49	5.45	5.39	4.97
Southeast	4.31	5.34	6.21	5.23	4.35	5.69	5.78	5.43
Lake	5.85	5.97	4.99	5.38	6.62	5.94	5.07	5.52
Cornbelt	5.65	5.60	5.37	5.54	5.92	6.57	5.63	6.03
Delta	4.88	5.07	5.35	5.09	4.83	4.94	4.95	4.85
Northern Plains	5.46	5.52	5.05	5.23	5.94	6.06	5.36	5.60
Southern Plains	4.71	4.60	5.02	4.82	4.70	4.91	5.14	4.95
Mountain	4.93	5.64	5.04	5.12	5.02	5.63	5.14	5.21
Pacific	5.88	5.69	6.48	5.81	5.99	6.09	6.46	6.13
48 States	4.98	5.60	5.38	5.39	5.12	5.91	5.48	5.61

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

Region <u>2/</u>	April 7-13, 1991				April 12-18, 1992					
	Gross Value Sales-\$1000's				Gross Value Sales-\$1000's					
	<40:	40-99:	100-249:	250+: Farms:	<40:	40-99:	100-249:	250+: Farms:		
	Dollars per Hour									
N. East	7.31	4.80	4.69	6.21	5.76	6.29	4.80	5.55	7.31	6.62
Appal.	4.65	4.56	5.10	5.37	5.08	5.40	4.45	5.20	5.91	5.25
S. East	5.89	5.13	5.13	5.71	5.58	5.11	4.91	5.45	6.13	5.87
Lake	5.87	4.70	5.36	5.89	5.59	4.88	4.42	5.07	6.58	5.92
Cornbelt	4.99	5.59	5.36	6.91	6.19	4.81	5.73	5.75	6.65	6.19
Delta	4.96	4.64	5.50	5.55	5.30	4.88	5.19	4.83	5.13	5.03
N. Plains:	4.55	5.54	5.05	5.65	5.41	5.00	5.40	5.39	6.19	5.81
S. Plains:	4.77	4.83	4.88	5.29	5.06	6.28	4.95	5.31	5.33	5.37
Mountain	5.47	4.56	5.21	5.56	5.34	5.91	4.39	5.17	5.69	5.47
Pacific	6.25	6.43	6.56	6.28	6.30	6.49	6.25	6.20	6.75	6.64
48 States:	5.75	5.00	5.31	6.04	5.78	5.81	5.01	5.46	6.35	6.02

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.

Field and Livestock Workers: Distribution
by Type of Farm, 48 States 1/

Type of Farm	April 7-13, 1991	January 12-18, 1992	April 12-18, 1992
	Percent of Field and Livestock Workers <u>2/</u> <u>3/</u>		
Field Crops	23	16	22
Other Crops	44	48	47
Livestock, Dairy, & Poultry	33	36	31
	100.0	100.0	100.0

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

Gross Value of Sales	April 7-13, 1991	January 12-18, 1992	April 12-18, 1992
	Percent of Hired Workers <u>3/</u>		
Less than \$40,000	10	9	10
\$40,000-\$99,999	11	9	12
\$100,000-\$249,999	20	16	19
\$250,000 and over	59	66	59
	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 7-13, 1991	January 12-18, 1992	April 12-18, 1992
	Percent of Hired Workers		
Employed on Farms Hiring:			
1 Worker	15	14	13
2 Workers	13	11	12
3-6 Workers	20	20	19
7-10 Workers	11	8	9
At least 11 Workers	41	47	47
	100.0	100.0	100.0
Payment Method:			
Hourly	66	59	70
Piece-Rate	7	10	6
Other Methods	27	31	24
	100.0	100.0	100.0
Benefits: <u>3/</u>			
Housing and Meals	6	5	5
Housing (no Meals)	14	14	12
Meals (no Housing)	4	3	3
Bonus	4	6	5
Other Benefits	13	16	16
Wages Only	59	56	59
	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 205,000 workers for the Nation's farms and ranches during the week of April 12-18, 1992. Service workers in California numbered 41,000 compared with 30,000 during the April 1991 survey week. Florida's number of service workers was 11,000, the same as in April 1991.

The average wages received by agricultural service workers in California and Florida were \$5.82 and \$7.85 per hour, respectively. Comparable wages in April 1991 were \$6.02 in California and \$7.03 in Florida.

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

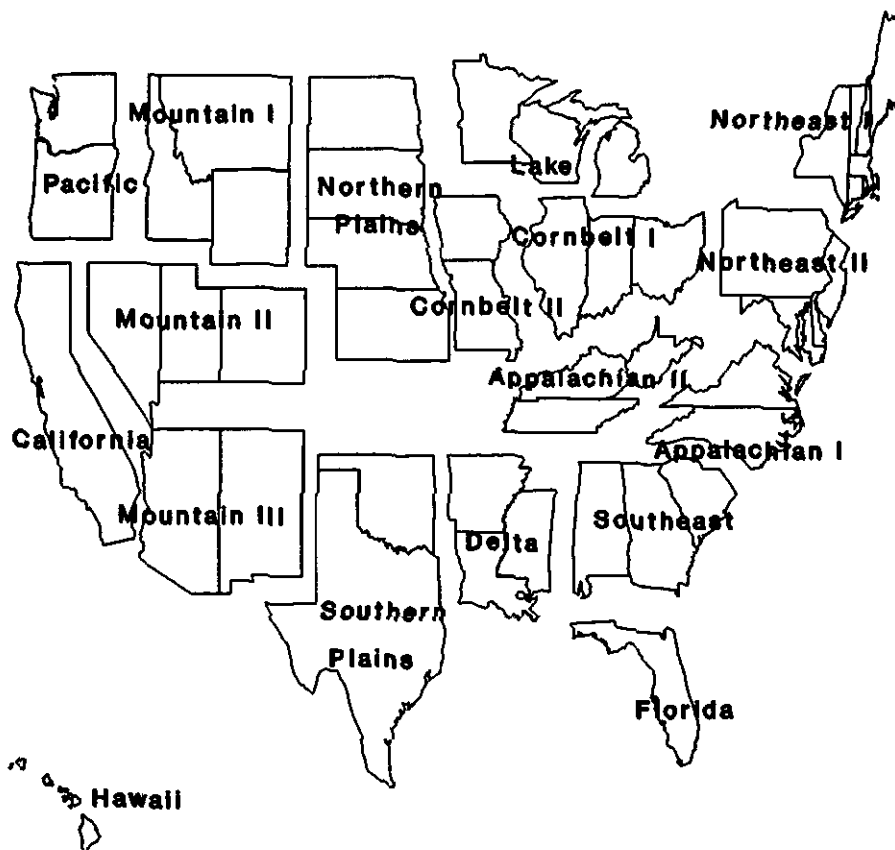
Item	: April 7-13, 1991			: Jan 12-18, 1992			: April 12-18, 1992		
	: CA	: FL	: US	: CA	: FL	: US	: CA	: FL	: US
	: Thousands								
Number of Workers Working on Farms	: 30.0	: 11.0	: 206.0	: 30.0	: 13.0	: 123.0	: 41.0	: 11.0	: 205.0
	: Hours ^{2/}								
Hours Worked	: 42.8	: 31.4	: -	: 39.7	: 29.0	: -	: 36.5	: 27.0	: -
	: Dollars per Hour ^{2/}								
Wage Rates ^{3/}	: 6.02	: 7.03	: -	: 5.75	: 6.38	: -	: 5.82	: 7.85	: -
Method of Pay									
Hourly	: 5.72	: 6.10	: -	: 5.26	: 5.70	: -	: 5.41	: 6.50	: -
Piece-Rate	: 6.85	: 7.12	: -	: 6.56	: 6.48	: -	: 6.75	: 7.90	: -
Type of Work									
Field	: 5.70	: 6.66	: -	: 5.49	: 6.10	: -	: 5.59	: 7.39	: -

^{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.

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

Farm Labor Definitions - continued

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 12-18, 1992.

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 about 2 percent and about 5 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 1.7 percent. The relative sampling error was 1.2 percent for hourly paid workers and was 1.2 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 and published State levels. Relative sampling errors for wage rates published by type of farm and economic class of farm ranged between 2 and 5 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 March of 1992, and April 1991 were subject to revision with this report. No revisions were made but previous data are reprinted in this report for your information.

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Report Features

This Farm Labor report has additional State level information, for selected States, for the April 1992 survey week. Additional information provided is All Farm Workers, Average Hours Worked by Hired Workers, Hourly Wage Rates, Field Worker Wage Rates, and Field and Livestock Workers Combined Wage Rates.

The next "Farm Labor" report will be released at 3:00 p.m. ET on June 12, 1992.

The June 12th report will have information for the survey week of May 10-16, 1992. The report will include the number of hired workers and the average hours worked. Wage rate information will include the all hired worker wage rate, the hourly wage rate, the field worker wage rate, and the combined field and livestock worker wage rates for the monthly and seasonal States. The monthly States are California, Florida, New Mexico, and Texas. The seasonal States are Michigan, New York, North Carolina, Oregon, Pennsylvania, Washington, and Wisconsin. No regional or U.S. level information will be included. The number of Agricultural Service Workers and the corresponding wage rates will be published for California and Florida.

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