

Farm Labor



United States
Department of
Agriculture

Washington, D.C.

Released August 15, 1995, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, U.S. Department of Agriculture. For information on "Farm Labor" call Eddie Oaks at (202) 690-3228, office hours 8:00 a.m. to 4:30 p.m. ET. For assistance with general agricultural statistics, information about NASS, its products or services, contact the NASS Information Hotline at 1-800-727-9540 or E-mail: NASS@AG.GOV. Estimates refer to the week of July 9-15, 1995.

July Worker Numbers Up

There were 3.67 million people working on the Nation's farms and ranches during the week of July 9-15, 1995. This compares with 3.51 million people during the July 1994 survey week. Self-employed farm operators accounted for 1.63 million of the total, along with 632,000 unpaid workers, and 1.07 million workers hired directly by farm operators. Agricultural service employees working on farms and ranches made up the remaining 348,000 workers.

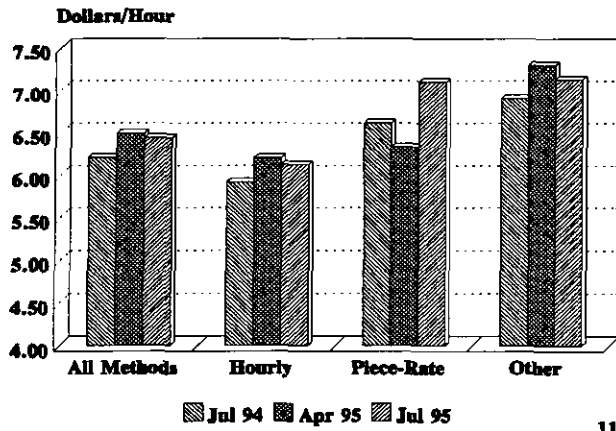
Farm operators paid their hired workers an average wage of \$6.44 per hour during the July 1995 survey week. This rate was up 23 cents from a year earlier. Workers paid on an hourly basis earned \$6.12 per hour compared with \$5.91 last July. Field workers received an average of \$6.09 per hour, up 24 cents from the July 1994 survey week. Livestock workers earned \$5.94 per hour compared with \$5.67 a year earlier.

Self-employed farm operators worked an average of 39.0 hours, compared to 37.4 hours in the comparable week in 1994. Unpaid workers averaged 34.0 hours, compared to 32.0 hours last year. Hired employees worked 39.9 hours during the survey week, the same as last year.

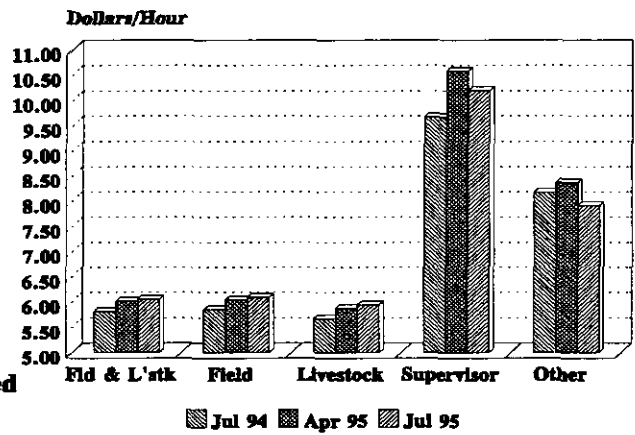
Beginning in July 1994, all benefits received by hired workers are summarized by each benefit category. Benefits were provided for 484,000 hired workers. Farm operators provided housing for 170,000, meals for 74,000, bonuses for 76,000, health insurance for 222,000, transportation for 69,000, and other benefits for 217,000 hired workers.

During the survey week of July 9-15, 1995, extreme but short-lived heat surged through the central Plains and Corn Belt, reaching the Northeast by week's end. The clear weather provided farmers a full week suitable for fieldwork, but the intense summer heat prevented some field activities. Elsewhere, thunderstorms traversed the Northern States, eventually shifting southward and bringing moisture to the northern and western Corn Belt as cooler air arrived. Dryness persisted, however, in the central Corn Belt; in the Northeast; and in parts of the Southeast. Cool weather in the Western States allowed field activities to progress, but slowed crop development. Activities in California included small grain and hay harvest, irrigation and fields were sprayed for insects and weeds. Stone fruit, Valencia orange, grapefruit, and avocado harvest continued. Hay making and tobacco harvest were some of the activities in Florida. Cotton harvest is picking up in the Central Texas area but is winding down in the Valley. Vegetable harvest in the Rio Grande Valley continues.

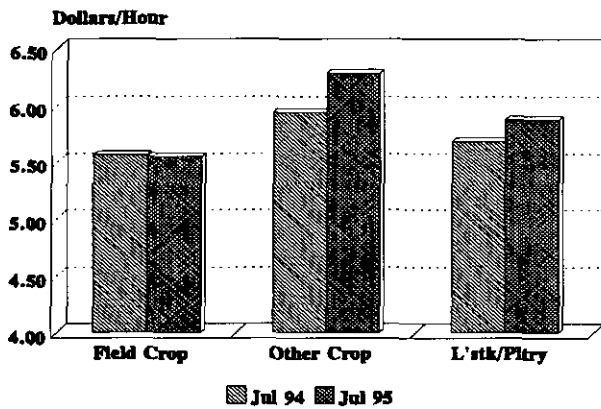
U.S. Wage Rates by Method of Pay



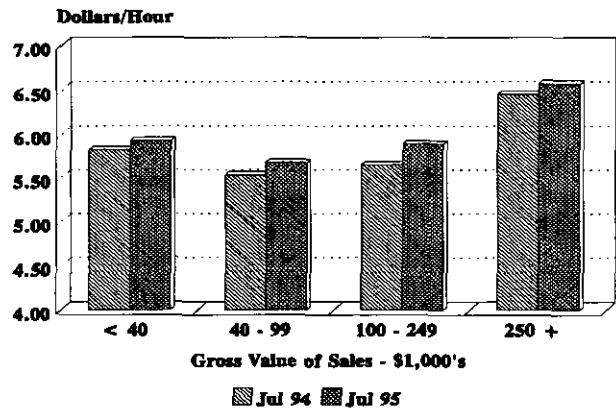
U.S. Wage Rates by Type of Worker



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, Hours Worked and Wage Rates, United States,
July 9-15, 1995, with Comparisons 1/

Farm Employment	July 10-16, 1994	April 9-15, 1995	July 9-15, 1995
		1,000	
Farm Workers	3,169	2,643	3,324
Self-Employed	1,572	1,435	1,626
Unpaid	557	386	632
Hired	1,040	822	1,066
Expected to be Employed			
150 Days or More	664	605	669
149 Days or Less	376	217	397
Agricultural Services			
Workers Working on Farms	341	214	348
Total Farm & Service Workers	3,510	2,857	3,672
		Hours per Week	
Hours Worked			
Self-Employed	37.4	35.0	39.0
Unpaid	32.0	29.8	34.0
Hired	39.9	40.7	39.9
		Dollars per Hour	
Wage Rates for			
All Hired Workers 2/ 3/	6.21	6.49	6.44
Method of Pay			
Hourly	5.91	6.20	6.12
Piece-Rate	6.61	6.33	7.10
Other	6.90	7.29	7.13
Type of Worker			
Field & Livestock Combined	5.81	6.01	6.06
Field	5.85	6.05	6.09
Livestock	5.67	5.88	5.94
Supervisory	9.67	10.58	10.21
Other	8.17	8.37	7.95

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, July 9-15, 1995 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	76			27		
Other 4/ Northeast I	57			26		
	133	54	26	53	37	16
PA	102			28		
Other 4/ Northeast II	59			24		
	161	74	35	52	32	20
NC	123			56		
VA	65			23		
Appalachian I	188	85	24	79	32	47
Appalachian II	225	138	43	44	21	23
Southeast	139	71	22	46	24	22
FL	79	24	7	48	44	4
MI	93			29		
MN	128			24		
WI	145			37		
Lake	366	189	87	90	43	47
Cornbelt I	306	185	65	56	33	23
Cornbelt II	252	156	60	36	23	13
Delta	154	81	26	47	34	13
Northern Plains	272	155	79	38	25	13
OK	85			10		
TX	260			59		
Southern Plains	345	218	58	69	50	19
Mountain I	90	38	19	33	21	12
Mountain II	73	36	17	20	13	7
AZ	31			14		
NM	30			6		
Mountain III	61	16	25	20	16	4
OR	102			50		
WA	86			53		
Pacific	188	58	27	103	49	54
CA	281	45	11	225	166	59
HI	11	3	1	7	6	1
AK	1	6/	6/	.4	6/	6/
US 5/	3,324	1,626	632	1,066	669	397

- 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.
6/ Insufficient data.

Workers on Farms: Hours Worked and Wage Rates for All Hired Workers
by Region, State, and United States, July 9-15, 1995 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			43.9	6.29
Other 4/ Northeast I	49.3	31.3	41.3	7.35
PA			42.0	5.96
Other 4/ Northeast II	43.5	40.0	40.9	6.80
NC			35.0	5.70
VA			38.0	6.24
Appalachian I	31.7	29.9	35.9	5.87
Appalachian II	30.1	27.8	29.0	5.61
Southeast	32.6	25.1	37.3	5.89
FL	26.0	24.0	38.0	7.80
MI			35.4	6.35
MN			39.6	6.19
WI			32.0	6.56
Lake	45.0	34.7	35.1	6.38
Cornbelt I	39.4	32.5	37.5	6.37
Cornbelt II	41.3	33.4	32.9	6.26
Delta	37.2	34.4	40.0	5.61
Northern Plains	52.7	44.7	48.6	5.98
OK			40.0	6.00
TX			42.8	5.80
Southern Plains	31.8	27.8	42.4	5.83
Mountain I	48.1	38.2	41.9	5.87
Mountain II	41.4	35.9	40.9	5.78
AZ			50.0	6.30
NM			47.9	6.10
Mountain III	36.3	33.5	49.4	6.24
OR			41.2	6.60
WA			39.0	7.18
Pacific	32.3	34.0	40.1	6.89
CA	34.9	28.5	44.1	6.88
HI	31.4	33.7	37.3	9.94
AK	41.0	32.0	36.0	7.40
US 5/	39.0	34.0	39.9	6.44

- 1/ Excludes Agricultural Service Workers.
2/ Region map on page 17.
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5/ Excludes AK.

Hired Workers: Wage Rates by Region, State,
and United States, July 9-15, 1995 1/

State and Region 2/	Type of Worker 5/					Method of Pay 6/		
	Field	Livestock	Field & Livestock	Super- visory	Other	Hourly	Piece Rate	Other
Dollars per Hour								
NY	6.26		5.96			6.28		
Other 4/ Northeast I	7.05		6.61			7.50		
	6.58	5.71	6.23	9.51	7.75	6.84	3/	6.52
PA	6.00		5.66			6.19		
Other 4/ Northeast II	6.22		6.16			6.44		
	6.10	5.22	5.86	9.69	7.72	6.30	6.48	6.29
NC	5.46		5.51			5.41		
VA	6.10		6.09			6.00		
Appalachian I	5.63	6.13	5.68	9.04	7.58	5.55	6.54	6.56
Appalachian II	5.37	5.56	5.43	7.93	3/	5.32	3/	6.48
Southeast	5.47	5.58	5.49	9.18	3/	5.41	6.99	6.36
FL	6.79	6.45	6.75	13.50	10.25	6.91	8.00	11.25
MI	6.15		6.10			6.37		
MN	5.77		5.98			6.12		
WI	6.60		6.02			6.65		
Lake	6.18	5.71	6.03	9.55	6.19	6.40	5.78	6.43
Cornbelt I	6.07	6.10	6.08	10.59	6.61	5.97	3/	7.04
Cornbelt II	5.93	5.95	5.93	8.88	3/	6.03	3/	6.87
Delta	5.28	5.72	5.40	9.09	3/	5.36	3/	6.23
Northern Plains	6.10	5.33	5.83	7.90	5.48	6.30	3/	5.51
OK	5.60		5.63			5.60		
TX	5.36		5.50			5.38		
Southern Plains	5.39	5.76	5.52	9.60	6.82	5.41	3/	6.58
Mountain I	5.71	5.91	5.77	3/	3/	6.15	3/	5.70
Mountain II	5.48	5.09	5.31	8.57	3/	5.92	3/	5.61
AZ	5.55		5.67			5.60		
NM	5.52		5.81			5.78		
Mountain III	5.54	6.31	5.71	3/	3/	5.65	3/	8.01
OR	6.34		6.32			6.06		
WA	6.96		7.07			6.78		
Pacific	6.66	7.35	6.70	9.92	8.57	6.44	7.39	8.58
CA	6.27	7.52	6.37	11.83	9.99	6.27	7.16	10.29
HI	8.81	3/	8.78	16.00	3/	9.00	3/	14.68
AK	7.10	3/	3/	3/	3/	7.40	3/	3/
US 7/	6.09	5.94	6.06	10.21	7.95	6.12	7.10	7.13

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,
April 9-15, 1995 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	50			17		
Other 4/	49			25		
Northeast I	99	41	16	42	35	7
PA	75			21		
Other 4/	36			12		
Northeast II	111	56	22	33	26	7
NC	84			29		
VA	54			15		
Appalachian I	138	76	18	44	30	14
Appalachian II	177	115	32	30	16	14
Southeast	113	59	12	42	30	12
FL	72	19	3	50	43	7
MI	70			29		
MN	89			11		
WI	118			24		
Lake	277	160	53	64	46	18
Cornbelt I	242	166	30	46	36	10
Cornbelt II	206	143	30	33	26	7
Delta	133	84	16	33	25	8
Northern Plains	196	133	40	23	19	4
OK	74			9		
TX	243			45		
Southern Plains	317	219	44	54	44	10
Mountain I	68	32	17	19	16	3
Mountain II	47	25	9	13	11	2
AZ	27			13		
NM	30			6		
Mountain III	57	14	24	19	16	3
OR	58			19		
WA	61			37		
Pacific	119	50	13	56	37	19
CA	260	40	6	214	143	71
HI	11	3	1	7	6	1
US 5/	2,643	1,435	386	822	605	217

- 1/ Excludes Agricultural Service Workers.
2/ Region map on page 17.
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Workers on Farms: Hours Worked and Wage Rates for All Hired Workers,
by Region, State, and United States, April 9-15, 1995 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			42.0	6.45
Other 4/ Northeast I	44.8	32.7	39.0 40.2	7.55 7.08
PA			41.0	6.06
Other 4/ Northeast II	38.3	34.2	41.3 41.1	7.07 6.44
NC			33.7	5.95
VA			41.0	6.27
Appalachian I	31.3	33.2	36.2	6.08
Appalachian II	27.2	25.8	36.4	5.75
Southeast	30.3	29.5	40.3	5.57
FL	27.0	29.0	38.0	7.86
MI			42.6	6.86
MN			37.5	7.65
WI			36.9	6.70
Lake	41.5	29.3	39.6	6.93
Cornbelt I	31.4	29.8	37.2	6.67
Cornbelt II	33.2	26.9	37.7	6.05
Delta	32.6	25.2	38.8	5.62
Northern Plains	43.9	37.5	41.1	6.22
OK			37.0	6.50
TX			41.3	5.71
Southern Plains	33.7	25.0	40.6	5.82
Mountain I	46.3	32.3	46.5	5.71
Mountain II	38.1	29.5	41.3	6.20
AZ			42.0	6.41
NM			45.6	6.43
Mountain III	31.1	27.6	43.1	6.42
OR			39.6	6.88
WA			38.0	7.03
Pacific	31.4	29.6	38.5	6.98
CA	31.5	34.7	44.8	6.55
HI	30.4	29.1	36.5	10.02
US 5/	35.0	29.8	40.7	6.49

- 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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Hired Workers: Wage Rates by Region, State, and United States,
April 9-15, 1995 1/

State and Region 2/	Type of Worker 5/					Method of Pay 6/		
	Field	Livestock	Field & Livestock	Super- visory	Other	Hourly	Piece Rate	Other
Dollars per Hour								
NY	6.76		5.95			6.95		
Other 4/ Northeast I	7.00		6.60			7.50		
	6.90	5.71	6.30	10.13	8.67	7.29	3/	6.65
PA	6.19		5.67			6.18		
Other 4/ Northeast II	6.91		6.69			7.04		
	6.53	5.30	6.06	9.53	8.13	6.56	3/	6.22
NC	5.37		5.58			5.75		
VA	5.85		5.89			6.10		
Appalachian I	5.54	6.17	5.69	9.04	7.54	5.87	3/	6.61
Appalachian II	5.68	5.48	5.61	3/	7.89	5.92	3/	5.26
Southeast	5.16	5.56	5.24	9.69	6.94	5.31	4.70	6.14
FL	7.05	6.20	6.97	12.70	11.65	7.25	7.50	10.90
MI	6.41		6.41			6.48		
MN	8.34		7.26			7.80		
WI	7.05		5.73			6.90		
Lake	6.70	5.79	6.28	10.78	8.45	6.76	3/	7.23
Cornbelt I	6.25	5.94	6.19	9.81	6.99	6.40	3/	7.46
Cornbelt II	6.16	5.63	5.77	8.70	6.50	5.69	3/	7.15
Delta	5.23	5.84	5.41	9.18	6.28	5.33	3/	6.28
Northern Plains	6.63	5.66	6.12	3/	3/	6.37	3/	6.07
OK	5.95		5.86			6.00		
TX	5.38		5.49			5.57		
Southern Plains	5.44	5.67	5.54	8.44	6.64	5.63	3/	6.00
Mountain I	5.61	5.38	5.51	3/	6.18	5.60	3/	5.77
Mountain II	5.65	5.53	5.58	8.27	3/	5.47	3/	6.91
AZ	5.75		5.86			6.00		
NM	5.55		6.21			5.60		
Mountain III	5.71	6.53	5.98	10.13	3/	5.94	3/	7.19
OR	6.30		6.35			6.23		
WA	6.43		6.56			6.62		
Pacific	6.39	7.37	6.49	10.79	9.23	6.50	3/	9.53
CA	5.94	7.25	6.03	12.76	9.62	6.00	6.21	10.81
HI	8.75	3/	8.73	15.40	3/	9.00	3/	14.16
US 7/	6.05	5.88	6.01	10.58	8.37	6.20	6.33	7.29

1/ Excludes Agricultural Service Workers.

2/ Region map on page 17.

3/ Insufficient data.

4/ Other States in the same region.

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

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and United States, July 10-16, 1994 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	72			26		
Other 4/ Northeast I	59			31		
	131	52	22	57	40	17
PA	90			21		
Other 4/ Northeast II	48			24		
	138	60	33	45	30	15
NC	109			53		
VA	51			17		
Appalachian I	160	70	20	70	31	39
Appalachian II	184	128	28	28	16	12
Southeast	133	70	15	48	30	18
FL	70	23	5	42	37	5
MI	96			35		
MN	127			30		
WI	144			36		
Lake	367	187	79	101	52	49
Cornbelt I	309	190	57	62	35	27
Cornbelt II	235	150	53	32	21	11
Delta	145	87	20	38	29	9
Northern Plains	250	148	64	38	25	13
OK	87			11		
TX	270			66		
Southern Plains	357	216	64	77	50	27
Mountain I	93	42	22	29	21	8
Mountain II	66	29	14	23	16	7
AZ	30			14		
NM	30			7		
Mountain III	60	14	25	21	18	3
OR	82			33		
WA	98			64		
Pacific	180	59	24	97	42	55
CA	278	44	11	223	163	60
HI	13	3	1	9	8	1
AK	1.1	6/	6/	.5	6/	6/
US 5/	3,169	1,572	557	1,040	664	376

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State and Region 2/	Hours Worked 3/			Wage Rates for All Hired Workers
	Self- Employed	Unpaid/	Hired	
	Hours per Week			Dollars per Hour
NY			41.9	6.03
Other 4/ Northeast I	48.0	32.4	39.0	7.35
			40.3	6.72
PA			40.0	5.57
Other 4/ Northeast II	43.8	34.8	46.4	6.53
			43.4	6.12
NC			34.1	5.51
VA			38.0	5.84
Appalachian I	32.2	30.9	35.0	5.60
Appalachian II	27.1	28.2	30.5	5.85
Southeast	28.6	26.9	30.7	5.83
FL	26.0	26.0	39.0	7.25
MI			32.0	6.08
MN			37.8	6.20
WI			37.6	5.40
Lake	44.3	35.1	35.7	5.87
Cornbelt I	31.4	30.5	34.7	6.23
Cornbelt II	39.4	32.3	37.3	6.03
Delta	31.6	32.1	38.3	5.57
Northern Plains:	48.7	34.6	41.9	5.47
OK			35.0	5.60
TX			43.1	5.59
Southern Plains:	34.6	28.0	41.9	5.59
Mountain I	47.3	35.1	40.4	5.61
Mountain II	44.1	37.7	44.3	6.05
AZ			46.0	6.12
NM			47.7	6.21
Mountain III	38.1	30.4	46.6	6.15
OR			38.4	6.13
WA			42.0	6.50
Pacific	37.8	30.2	40.8	6.38
CA	37.0	31.1	45.5	6.63
HI	31.8	29.7	38.7	9.95
AK	50.0	33.0	30.0	7.00
US 5/	37.4	32.0	39.9	6.21

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Hired Workers: Wage Rates by Region, State,
and United States, July 10-16, 1994 1/

State and Region 2/	Type of Worker 5/					Method of Pay 6/		
	Field	Livestock	Field & Livestock	Super- visory	Other	Hourly	Piece Rate	Other
Dollars per Hour								
NY	5.70		5.64			5.98		
Other 4/ Northeast I	7.05		6.52			7.10		
	6.35	5.71	6.08	10.05	8.35	6.53	3/	7.04
PA	5.94		5.26			6.15		
Other 4/ Northeast II	6.17		6.18			6.22		
	6.10	5.17	5.80	8.77	7.76	6.20	3/	5.91
NC	5.20		5.32			5.32		
VA	5.60		5.64			5.65		
Appalachian I	5.29	5.93	5.41	8.90	3/	5.40	3/	6.67
Appalachian II	5.33	5.71	5.52	3/	3/	5.46	3/	3/
Southeast	5.27	5.88	5.35	9.56	6.78	5.34	3/	6.82
FL	6.15	7.00	6.33	13.00	8.80	6.29	6.35	9.80
MI	5.54		5.53			5.90		
MN	6.35		5.90			6.14		
WI	5.85		5.02			5.43		
Lake	5.86	4.78	5.45	9.91	7.05	5.76	5.96	6.06
Cornbelt I	5.82	5.97	5.86	7.48	3/	5.94	3/	6.87
Cornbelt II	5.72	5.84	5.78	3/	6.55	5.82	3/	6.58
Delta	5.20	5.19	5.19	8.87	3/	5.19	3/	6.43
Northern Plains	5.49	5.29	5.44	6.36	4.94	5.62	3/	5.34
OK	5.40		5.43			5.50		
TX	5.14		5.28			5.38		
Southern Plains	5.17	5.59	5.29	8.91	6.83	5.40	3/	5.86
Mountain I	5.44	5.77	5.52	3/	3/	5.93	3/	5.35
Mountain II	5.63	5.40	5.53	9.81	3/	5.80	3/	6.32
AZ	5.50		5.72			5.54		
NM	5.25		5.93			6.10		
Mountain III	5.43	6.68	5.80	3/	3/	5.74	5.93	3/
OR	5.75		5.74			5.99		
WA	6.27		6.32			5.96		
Pacific	6.12	6.35	6.14	9.73	8.81	5.97	7.07	8.14
CA	6.11	6.80	6.15	11.38	10.92	6.10	6.83	10.38
HI	8.88	3/	8.85	15.86	3/	8.98	3/	14.04
AK	6.65	3/	3/	3/	3/	7.10	3/	3/
US 7/	5.85	5.67	5.81	9.67	8.17	5.91	6.61	6.90

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/	July 10-16, 1994				July 9-15, 1995			
	Field Crops	Other Crops	L'stk & Poultry	All Farms	Field Crops	Other Crops	L'stk & Poultry	All Farms
Dollars per Hour								
Northeast	5.88	6.50	5.42	5.95	5.18	6.60	5.73	6.04
Appalachian	5.14	5.82	5.68	5.43	5.42	6.00	5.58	5.61
Southeast	5.48	5.79	6.31	5.85	4.79	5.53	4.93	5.25
Lake	6.75	5.36	4.95	5.45	6.24	5.97	5.97	6.03
Cornbelt	6.06	5.69	5.72	5.83	5.81	6.27	6.07	6.03
Delta	4.98	4.68	5.48	5.19	5.14	5.52	5.88	5.40
Northern Plains	5.71	6.44	5.06	5.44	6.39	6.15	5.30	5.83
Southern Plains	4.78	3/	6.21	5.29	5.22	6.33	5.63	5.52
Mountain	5.44	6.01	5.59	5.61	5.38	6.04	5.78	5.64
Pacific	6.01	6.13	6.52	6.15	6.03	6.44	7.32	6.47
48 States	5.57	5.94	5.69	5.79	5.56	6.28	5.89	5.97

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

Region 2/	July 10-16, 1994				July 9-15, 1995					
	Gross Value Sales-<40	Gross Value Sales-40-99	Gross Value Sales-100-249	Gross Value Sales-250+	All Farms	Gross Value Sales-<40	Gross Value Sales-40-99	Gross Value Sales-100-249	Gross Value Sales-250+	All Farms
Dollars per Hour										
N. East	7.08	5.20	5.46	6.88	6.45	6.13	5.36	5.73	7.37	6.54
Appal.	5.09	5.56	5.36	6.05	5.66	5.51	5.53	5.42	6.20	5.79
S. East	6.30	6.49	5.84	6.83	6.58	6.11	4.33	5.08	5.58	5.47
Lake	7.29	4.12	5.77	6.12	5.87	5.45	4.96	5.93	6.94	6.38
Cornbelt	4.70	5.63	5.76	6.83	6.16	6.01	5.71	6.37	6.57	6.33
Delta	5.07	5.51	5.20	5.80	5.57	6.16	6.46	5.41	5.40	5.61
N. Plains	5.14	4.78	5.60	5.66	5.47	3.76	5.54	6.18	6.18	5.98
S. Plains	5.31	5.12	4.80	6.07	5.59	5.65	5.68	5.70	5.96	5.83
Mountain	5.06	5.54	5.39	6.31	5.92	5.38	5.62	5.66	6.26	5.96
Pacific	6.00	6.53	6.56	6.59	6.56	7.09	7.04	6.60	6.89	6.88
48 States	5.83	5.53	5.65	6.46	6.18	5.93	5.68	5.90	6.58	6.44

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	July 10-16, 1994	April 9-15, 1995	July 9-15, 1995
	Percent of Field and Livestock Workers 2/ 3/		
Field Crops	25	19	26
Other Crops	46	52	44
Livestock, Dairy, & Poultry	29	29	30
	100.0	100.0	100.0

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

Gross Value of Sales	July 10-16, 1994	April 9-15, 1995	July 9-15, 1995
	Percent of Hired Workers 3/		
Less than \$40,000	13	10	13
\$40,000-\$99,999	11	8	12
\$100,000-\$249,999	19	18	18
\$250,000 and over	57	64	57
	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,
July 7-13 1/ 2/

	July 10-16, 1994	April 9-15, 1995	July 7-13, 1995
	Percent of Hired Workers		
Employed on Farms Hiring			
1 Worker	12	12	12
2 Workers	10	10	9
3-6 Workers	21	17	20
7-10 Workers	10	9	10
At least 11 Workers	47	52	49
	100.0	100.0	100.0
Payment Method			
Hourly	70	69	71
Piece-Rate	8	8	9
Other Methods	22	23	20
	100.0	100.0	100.0

Hired Workers: Receiving Benefits, Distribution
by Category, United States, July 7-13 1/ 2/

	July 10-16, 1994		April 9-15, 1995		July 7-13, 1995	
	Number	Pct	Number	Pct	Number	Pct
	1,000		1,000		1,000	
Benefits 3/						
Housing	203	19	124	15	170	16
Meals	84	8	48	6	74	7
Bonus	93	9	81	10	76	7
Health Insurance	191	18	188	23	222	21
Transportation	72	7	55	7	69	6
Other Benefits	183	17	188	23	217	20
Wages Only	614	59	450	55	582	55

1/ Excludes Agricultural Service Workers.

2/ Excludes AK.

3/ All benefits received by hired workers are accounted for in each category. Other benefits include life insurance, utilities, pension or retirement benefits, etc.

Agricultural Services

Crew leaders and custom crews provided 348,000 workers for the Nation's farms and ranches during the week of July 9-15, 1995. Service workers in California numbered 93,000 compared with 87,000 during the July 1994 survey week. Florida's number of service workers was 2,000, compared to 4,200 last year.

The average wages received by agricultural service workers in California and Florida were \$6.42 and \$7.76 per hour, respectively. Comparable wages in July 1994 were \$5.99 in California and \$6.83 in Florida.

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

State:	Number of Workers Working on Farms			Hours Worked			Wage Rates 3/			
	Jul 1994	Apr 1995	Jul 1995	Jul 1994	Apr 1995	Jul 1995	Jul 1994	Apr 1995	Jul 1995	
	----- 1,000 -----			----- Hours 2/ -----			----- Dollars per Hour 2/ -----			
CA	87.0	91.0	93.0	38.6	31.9	41.4	5.99	6.39	6.42	
FL	4.2	10.0	2.0	48.0	35.0	48.0	6.83	7.58	7.76	
US	341.0	214.0	348.0							
	Method of Pay						Type of Work			
	Hourly		Piece-Rate		Field					
	Jul 1994	Apr 1995	Jul 1995	Jul 1994	Apr 1995	Jul 1995	Jul 1994	Apr 1995	Jul 1995	
	----- Dollars per Hours 2/ -----									
CA	5.41	5.83	5.97	7.56	7.50	8.11	5.75	6.02	6.14	
FL	6.00	6.70	6.70	4/	7.75	4/	5.94	7.02	6.60	

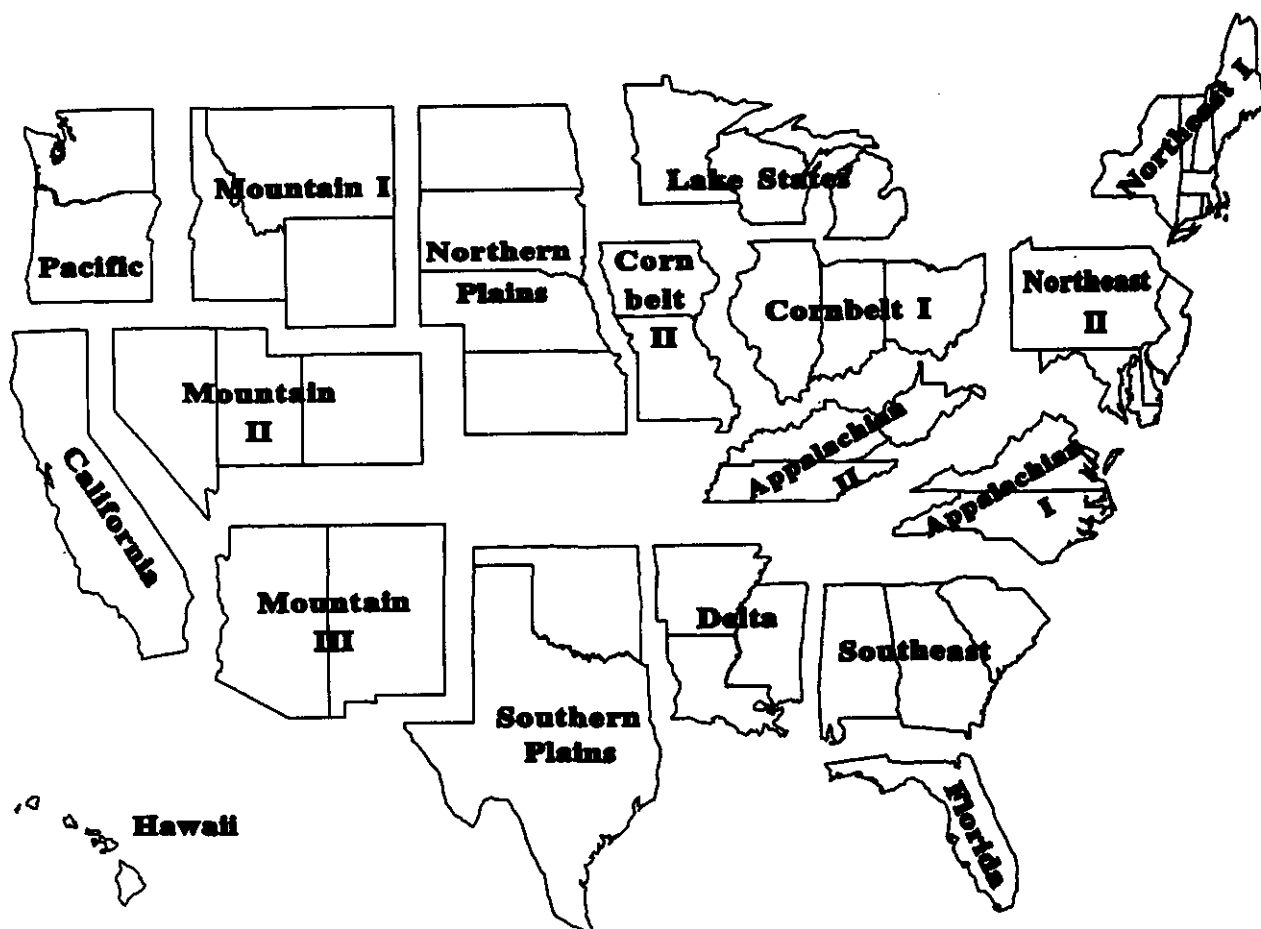
1/ Data are for Agricultural Services performed on the farm by custom service units such as crew leaders or custom crews. These statistics are not included in the State-Regional tables.

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.

4/ Insufficient data.

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 July 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 July 9-15, 1995.

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 3.0 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 1.1 percent. The relative sampling error was 1.1 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, 1995 and July, 1994 were subject to revision with this report. Revisions were made and previous data are reprinted in this report for your information.

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The November 14th report will have information for the survey week of October 8-14, 1995. 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 next "Farm Labor" report will be released at 3 p.m. ET on November 14, 1995.

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