

# Farm Labor



**United States  
Department of  
Agriculture**

**Washington, D.C.**

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Released November 14, 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 October 8-14, 1995.

## **Annual Wage Rate Up 15 Cents, October Wage Rate Up 12 Cents**

Annual wage rates paid by U.S. farm operators during 1995 averaged \$6.54 per hour. This compares to \$6.39 during 1994 and \$6.25 during 1993.

There were 3.39 million people working on the Nation's farms and ranches during the week of October 8-14, 1995. Self-employed farm operators accounted for 1.59 million of the total, along with 541,000 unpaid workers, and 957,000 workers hired directly by farm operators. Agricultural service employees on farms and ranches made up the remaining 302,000 workers.

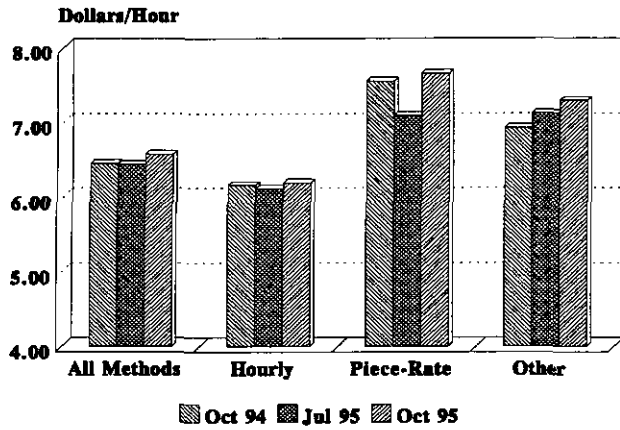
Farm operators paid their hired workers an average wage of \$6.58 per hour during the October 1995 survey week, up 12 cents from a year earlier. Workers paid on an hourly basis earned \$6.20 per hour compared with \$6.17 last October. Field workers received an average of \$6.19 per hour, up 3 cents. Livestock workers earned \$6.17 per hour compared with \$5.82 a year earlier.

Self-employed farm operators worked an average of 39.6 hours, compared to 39.5 hours during the comparable week in 1994. Unpaid workers averaged 35.0 hours, compared to 34.8 hours last year. Hired employees worked 41.9 hours during the week, compared with 41.0 last year.

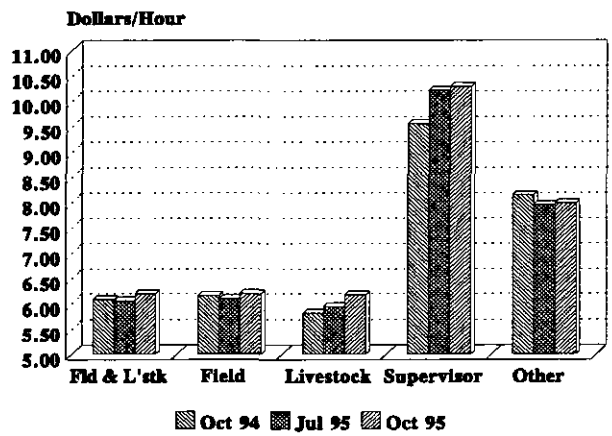
Benefits were provided for 419,000 hired workers. Farm operators provided housing for 138,000, meals for 57,000, bonuses for 102,000, health insurance for 194,000, transportation for 56,000, and other benefits for 194,000 hired workers.

During the survey week of October 8-14, 1995, a strong fast-moving cold front swept across the Nation after midweek, ending a 3-day spell of record warmth. Aside from early week rains in the North Central States, significant precipitation was confined to the Northwest and eastern seaboard. One to three inches of rain were common during October 13-14 from Florida to New England. Farther west, light precipitation spread across the upper Midwest from the Northern Plains, hindering harvest activities in the already damp northwestern Corn Belt. Above-normal temperatures and dry conditions across the Nation for much of the week allowed row crops to dry down and producers to make good progress with the fall harvest. By the end of the week, a cold front brought cooler, more seasonal temperatures across the Nation. In California, fruits, nuts, vegetables, and field crops were harvested. The fall vegetable season progressed in Arizona with harvest of seasonal crops underway. Cotton and soybeans harvests were beginning in Florida as peanut harvest was winding down. Harvest activities in Texas continued for vegetables, nuts, and field crops.

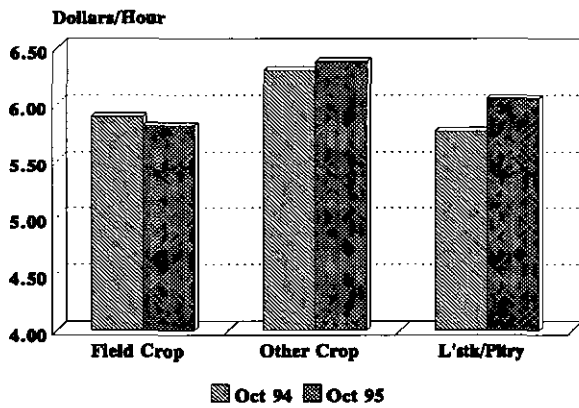
### U.S. Wage Rates by Method of Pay



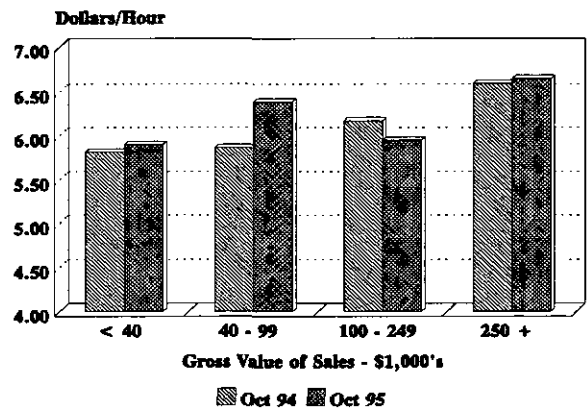
### U.S. Wage Rates by Type of Worker



### 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,  
October 8-14, 1995, with Comparisons 1/

Farm Employment	October 9-15, 1994	July 9-15, 1995	October 8-14, 1995
		1,000	
Farm Workers	2,886	3,324	3,084
Self-Employed	1,490	1,626	1,586
Unpaid	516	632	541
Hired	880	1,066	957
Expected to be Employed			
150 Days or More	592	669	610
149 Days or Less	288	397	347
Agricultural Services Workers Working on Farms	279	348	302
Total Farm & Service Workers	3,165	3,672	3,386
		Hours per Week	
Hours Worked			
Self-Employed	39.5	39.0	39.6
Unpaid	34.9	34.0	35.0
Hired	41.0	39.9	41.9
		Dollars per Hour	
Wage Rates for			
All Hired Workers 2/ 3/	6.46	6.44	6.58
Method of Pay			
Hourly	6.17	6.12	6.20
Piece-Rate	7.55	7.10	7.65
Other	6.93	7.13	7.30
Type of Worker			
Field & Livestock Combined	6.08	6.06	6.19
Field	6.16	6.09	6.19
Livestock	5.82	5.94	6.17
Supervisory	9.55	10.21	10.28
Other	8.15	7.95	7.99

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, October 8-14, 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	74			30		
Other 4/ Northeast I	46			19		
	120	52	19	49	30	19
PA	82			20		
Other 4/ Northeast II	48			17		
	130	66	27	37	25	12
NC	88			24		
VA	56			22		
Appalachian I	144	78	20	46	26	20
Appalachian II	190	129	33	28	15	13
Southeast	116	68	10	38	25	13
FL	94	25	6	63	56	7
MI	84			26		
MN	117			18		
WI	129			32		
Lake	330	169	85	76	38	38
Cornbelt I	312	189	68	55	35	20
Cornbelt II	280	176	67	37	25	12
Delta	142	78	18	46	31	15
Northern Plains	248	144	60	44	29	15
OK	85			12		
TX	262			52		
Southern Plains	347	228	55	64	50	14
Mountain I	85	34	14	37	23	14
Mountain II	56	32	10	14	8	6
AZ	31			14		
NM	31			7		
Mountain III	62	17	24	21	17	4
OR	70			31		
WA	71			43		
Pacific	141	53	14	74	40	34
CA	275	45	10	220	130	90
HI	12	3	1	8	7	1
US 5/	3,084	1,586	541	957	610	347

- 1/ Excludes Agricultural Service Workers.  
2/ Region map on page 21.  
3/ Published at regional and U.S. level only.  
4/ Other States in the same region.  
5/ Excludes AK.

Workers on Farms: Hours Worked and Wage Rates for All Hired Workers  
by Region, State, and United States, October 8-14, 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			43.4	6.80
Other 4/ Northeast I	43.6	33.8	41.7	6.87
PA			37.0	6.12
Other 4/ Northeast II	41.8	32.6	39.1	6.54
NC			35.7	6.22
VA			41.0	6.28
Appalachian I	29.0	29.3	38.2	6.25
Appalachian II	27.8	21.3	30.7	5.94
Southeast	27.7	24.3	36.5	5.99
FL	27.0	23.5	35.5	6.98
MI			41.6	6.70
MN			45.7	7.53
WI			36.0	6.60
Lake	50.5	36.7	40.2	6.88
Cornbelt I	43.8	37.1	38.8	6.70
Cornbelt II	47.5	38.8	39.6	6.06
Delta	38.4	36.5	51.3	5.23
Northern Plains	53.0	45.0	46.5	6.64
OK			44.0	6.20
TX			41.7	5.74
Southern Plains	29.8	32.1	42.1	5.83
Mountain I	44.9	40.4	52.9	5.78
Mountain II	38.8	31.1	44.0	6.31
AZ			49.0	6.10
NM			42.6	6.04
Mountain III	34.7	30.5	46.9	6.08
OR			39.5	6.77
WA			40.0	8.27
Pacific	33.1	32.2	39.8	7.59
CA	35.3	29.3	44.5	6.94
HI	35.3	36.7	37.4	9.43
US 5/	39.6	35.0	41.9	6.58

- 1/ Excludes Agricultural Service Workers.  
2/ Region map on page 21.  
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5/ Excludes AK.

Hired Workers: Wage Rates by Region, State,  
and United States, October 8-14, 1995 1/

State and Region 2/	Type of Worker 5/					Method of Pay 6/		
	Field	Livestock	Livestock & Supervisory	Other	Hourly	Piece Rate	Other	
Dollars per Hour								
NY	6.70		6.45			6.96		
Other 4/	6.70		6.51			7.00		
Northeast I	6.70	5.98	6.47	10.09	7.85	6.98	6.58	6.73
PA	6.19		5.80			6.44		
Other 4/	6.67		6.46			6.91		
Northeast II	6.47	5.33	6.15	8.96	6.83	6.68	3/	6.19
NC	5.69		5.88			5.93		
VA	6.09		6.09			6.10		
Appalachian I	5.92	6.39	5.99	9.08	7.62	6.02	6.35	6.72
Appalachian II	5.61	5.83	5.67	3/	6.71	5.68	3/	3/
Southeast	5.52	5.50	5.52	9.86	7.80	5.78	5.16	6.77
FL	6.02	6.40	6.06	13.40	9.20	6.00	6.95	12.50
MI	6.50		6.47			6.65		
MN	7.52		7.31			8.00		
WI	6.25		5.96			6.40		
Lake	6.70	5.92	6.51	9.97	7.89	6.92	6.65	6.83
Cornbelt I	6.52	5.97	6.40	10.21	3/	6.53	3/	7.10
Cornbelt II	5.85	5.91	5.86	3/	3/	5.99	3/	6.25
Delta	4.97	5.46	5.04	3/	6.61	5.15	3/	5.45
Northern Plains	6.49	6.49	6.49	7.32	7.08	6.72	3/	6.55
OK	5.70		5.87			5.90		
TX	5.04		5.45			5.22		
Southern Plains	5.15	6.22	5.53	10.31	6.55	5.35	3/	6.43
Mountain I	5.61	6.12	5.71	6.56	5.82	5.73	3/	5.85
Mountain II	5.87	5.46	5.76	3/	3/	6.12	3/	3/
AZ	5.55		5.62			5.40		
NM	5.97		5.91			5.91		
Mountain III	5.61	5.96	5.72	3/	3/	5.52	3/	3/
OR	6.41		6.39			6.24		
WA	7.95		8.00			7.03		
Pacific	7.28	7.47	7.29	10.78	9.28	6.58	9.06	3/
CA	6.32	7.40	6.39	12.17	9.30	6.23	7.79	10.70
HI	8.40	3/	8.39	15.09	3/	8.64	3/	13.90
US 7/	6.19	6.17	6.19	10.28	7.99	6.20	7.65	7.30

1/ Excludes Agricultural Service Workers.

2/ Region map on page 21.

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,  
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	1.0	6/	6/	.4	6/	6/
US 5/	3,324	1,626	632	1,066	669	397

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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	6.77
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 21.  
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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	Livestock	Super- visory	Other	Hourly	Piece Rate	Other
Dollars per Hour								
NY	6.26		5.96			6.28		
Other 4/	7.05		6.61			7.50		
Northeast I	6.58	5.71	6.23	9.51	7.75	6.84	3/	6.52
PA	6.00		5.66			6.19		
Other 4/	6.22		6.16			6.44		
Northeast II	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 21.

3/ Insufficient data.

4/ Other States in the same region.

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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	65			28		
Other 4/	51			27		
Northeast I	116	47	14	55	37	18
PA	77			18		
Other 4/	46			20		
Northeast II	123	59	26	38	28	10
NC	76			25		
VA	48			13		
Appalachian I	124	71	15	38	26	12
Appalachian II	180	125	26	29	15	14
Southeast	112	67	13	32	26	6
FL	79	18	5	56	48	8
MI	83			24		
MN	130			22		
WI	131			25		
Lake	344	179	94	71	43	28
Cornbelt I	310	184	67	59	35	24
Cornbelt II	257	156	59	42	28	14
Delta	127	83	14	30	24	6
Northern Plains	237	141	58	38	26	12
OK	84			13		
TX	203			44		
Southern Plains	287	180	50	57	42	15
Mountain I	76	37	14	25	17	8
Mountain II	57	27	9	21	16	5
AZ	30			13		
NM	29			5		
Mountain III	59	16	25	18	16	2
OR	69			22		
WA	81			53		
Pacific	150	59	16	75	41	34
CA	236	38	10	188	117	71
HI	12	3	1	8	7	1
US 5/	2,886	1,490	516	880	592	288

- 1/ Excludes Agricultural Service Workers.  
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	----- Hours per Week -----			Dollars per Hour
NY			45.0	6.70
Other 4/ Northeast I	45.4	35.1	42.1	7.20 6.94
PA			41.0	6.01
Other 4/ Northeast II	43.1	38.3	42.0	6.99 6.55
NC			36.7	6.15
VA			38.7	6.11
Appalachian I	35.1	34.1	37.4	6.14
Appalachian II	27.4	30.0	33.8	5.62
Southeast	26.4	25.7	34.5	6.18
FL	28.0	30.0	37.0	7.20
MI			33.8	6.37
MN			42.2	6.43
WI			35.6	5.56
Lake	53.1	36.1	37.0	6.12
Cornbelt I	44.8	40.0	40.3	6.43
Cornbelt II	45.5	36.9	39.6	5.88
Delta	26.8	29.2	40.0	5.34
Northern Plains	49.5	38.7	48.9	6.50
OK			30.0	6.25
TX			42.5	5.46
Southern Plains	31.9	28.6	39.6	5.60
Mountain I	46.2	39.0	47.7	5.76
Mountain II	37.0	33.3	42.9	6.26
AZ			49.0	6.28
NM			42.7	5.93
Mountain III	28.1	26.7	47.3	6.19
OR			42.4	6.52
WA			42.0	7.39
Pacific	29.5	26.9	42.1	7.13
CA	32.4	35.6	43.5	6.71
HI	32.4	31.0	38.3	9.93
US 5/	39.5	34.8	41.0	6.46

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and United States, October 9-15, 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	6.72		6.45			6.85		
Other 4/	6.70		6.38			7.20		
Northeast I	6.71	5.82	6.42	9.54	8.45	7.02	6.56	6.87
PA	6.19		5.60			6.25		
Other 4/	6.44		6.28			6.32		
Northeast II	6.33	5.22	5.97	9.17	8.25	6.29	3/	7.01
NC	5.50		5.66			5.60		
VA	5.81		5.82			5.71		
Appalachian I	5.62	5.93	5.71	9.10	7.34	5.63	6.72	6.85
Appalachian II	5.26	5.91	5.51	3/	3/	5.36	3/	3/
Southeast	5.64	6.13	5.75	9.38	7.32	5.94	3/	6.82
FL	6.15	6.70	6.22	13.15	9.90	6.17	6.95	10.75
MI	6.40		6.30			6.32		
MN	6.74		6.23			7.15		
WI	6.00		5.27			5.60		
Lake	6.47	5.14	5.91	8.76	7.06	6.37	6.85	5.40
Cornbelt I	6.17	6.23	6.18	9.35	7.02	6.40	7.34	6.26
Cornbelt II	5.80	5.32	5.68	7.39	3/	5.87	3/	5.87
Delta	5.05	5.41	5.13	3/	3/	5.02	3/	5.94
Northern Plains	6.52	5.67	6.29	7.99	3/	6.73	3/	6.20
OK	5.80		5.44			5.35		
TX	5.15		5.17			5.37		
Southern Plains	5.20	5.22	5.21	8.06	6.56	5.37	3/	5.81
Mountain I	5.47	5.41	5.45	7.67	6.34	5.82	3/	5.63
Mountain II	5.72	5.85	5.78	8.48	3/	6.17	3/	6.39
AZ	5.40		5.76			5.90		
NM	5.43		5.54			5.65		
Mountain III	5.41	6.04	5.70	8.42	8.29	5.86	3/	3/
OR	6.31		6.24			6.33		
WA	7.02		7.19			6.76		
Pacific	6.83	7.87	6.92	9.64	8.94	6.61	8.03	7.87
CA	6.22	6.99	6.28	11.50	10.88	6.09	8.25	10.39
HI	8.85	3/	8.81	15.72	3/	9.04	3/	14.45
US 7/	6.16	5.82	6.08	9.55	8.15	6.17	7.55	6.93

1/ Excludes Agricultural Service Workers.

2/ Region map on page 21.

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/	October 9-15, 1994				October 8-14, 1995			
	Field Crops	Other Crops	L'stk & Poultry	All Farms	Field Crops	Other Crops	L'stk & Poultry	All Farms
Dollars per Hour								
Northeast	5.91	6.76	5.51	6.24	6.01	6.77	5.90	6.34
Appalachian	5.20	6.67	5.59	5.62	5.44	6.23	5.87	5.89
Southeast	5.78	6.03	6.31	6.05	5.42	5.53	5.43	5.49
Lake	6.53	6.29	5.43	5.91	6.72	6.97	5.69	6.51
Cornbelt	6.07	6.69	5.60	5.98	6.09	6.49	6.11	6.17
Delta	5.07	4.61	5.48	5.13	4.87	8.39	5.59	5.04
Northern Plains	6.74	3/	5.55	6.29	6.44	6.60	6.53	6.49
Southern Plains	5.02	4.80	5.43	5.21	5.09	4.99	6.06	5.53
Mountain	5.54	5.52	5.72	5.62	5.55	6.08	5.93	5.72
Pacific	6.36	6.36	7.39	6.46	6.78	6.56	6.88	6.61
48 States	5.89	6.30	5.76	6.06	5.81	6.38	6.05	6.14

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

Region 2/	October 9-15, 1994				October 8-14, 1995					
	Gross Value Sales-\$1000's				All	Gross Value Sales-\$1000's				
	<40	40-99	100-249	250+	Farms	<40	40-99	100-249	250+	Farms
Dollars per Hour										
N. East	5.79	5.22	6.05	7.29	6.67	6.53	5.78	5.84	7.26	6.73
Appal.	6.04	5.59	5.86	5.82	5.83	5.30	6.41	5.84	6.35	6.15
S. East	5.75	6.75	5.59	7.02	6.73	5.04	5.01	4.92	5.95	5.70
Lake	5.04	4.65	5.34	6.57	5.92	4.22	5.30	6.03	7.50	6.88
Cornbelt	6.10	5.91	6.34	6.49	6.33	5.79	6.55	5.98	6.70	6.43
Delta	6.71	5.57	6.29	5.85	5.95	5.29	5.23	5.15	5.25	5.23
N. Plains	4.66	7.06	7.07	7.09	6.96	6.31	6.72	6.00	7.03	6.64
S. Plains	4.95	6.12	5.18	5.53	5.50	5.67	6.22	5.43	5.92	5.83
Mountain	5.81	5.48	5.72	6.71	6.32	6.94	5.87	5.61	6.01	5.96
Pacific	6.77	7.08	7.52	6.91	6.98	7.61	7.97	7.07	7.02	7.09
48 States	5.85	5.92	6.25	6.67	6.50	5.90	6.39	5.95	6.65	6.58

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	October 9-15, 1994	July 9-15, 1995	October 8-14, 1995
Percent of Field and Livestock Workers 2/ 3/			
Field Crops	24	26	26
Other Crops	45	44	50
Livestock, Dairy, & Poultry	31	30	24
	100.0	100.0	100.0

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

Gross Value of Sales	October 9-15, 1994	July 9-15, 1995	October 8-14, 1995
Percent of Hired Workers 3/			
Less than \$40,000	8	13	9
\$40,000-\$99,999	11	12	10
\$100,000-\$249,999	19	18	17
\$250,000 and over	62	57	64
	100.0	100.0	100.0

- 1/ 48 States, excluding AK and HI.  
2/ Field and Livestock Workers combined.  
3/ Excludes Agricultural Service Workers.

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

	October 9-15, 1994	July 9-15, 1995	October 8-14, 1995
	Percent of Hired Workers		
Employed on Farms Hiring			
1 Worker	12	12	11
2 Workers	12	9	9
3-6 Workers	21	20	18
7-10 Workers	10	10	10
At least 11 Workers	45	49	52
	100.0	100.0	100.0
Payment Method			
Hourly	70	71	70
Piece-Rate	8	9	10
Other Methods	22	20	20
	100.0	100.0	100.0

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

	October 9-15, 1994		July 9-15, 1995		October 8-14, 1995	
	Number	Pct	Number	Pct	Number	Pct
	1,000		1,000		1,000	
Benefits 3/						
Housing	152	17	170	16	138	14
Meals	71	8	74	7	57	6
Bonus	80	9	76	7	102	11
Health Insurance	182	21	222	21	194	20
Transportation	47	5	69	6	56	6
Other Benefits	182	21	217	20	194	20
Wages Only	505	57	582	55	538	56

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.

## Agricultural Services

Crew leaders and custom crews provided 302,000 workers for the Nation's farms and ranches during the week of October 8-14, 1995. Service workers in California numbered 98,000 compared with 91,000 during the October 1994 survey week. Florida's number of service workers was 5,500, compared to 7,500 last year.

The average wages received by agricultural service workers in California and Florida were \$6.93 and \$7.05 per hour, respectively. Comparable wages in October 1994 were \$6.40 in California and \$7.50 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/			
	Oct 1994	Jul 1995	Oct 1995	Oct 1994	Jul 1995	Oct 1995	Oct 1994	Jul 1995	Oct 1995	
	----- 1,000 -----			----- Hours 2/ -----			----- Dollars per Hour 2/ -----			
CA	91.0	93.0	98.0	39.3	41.4	33.0	6.40	6.42	6.93	
FL	7.5	2.0	5.5	30.0	48.0	31.0	7.50	7.76	7.05	
US	279.0	348.0	302.0							
	Method of Pay						Type of Work			
	Hourly		Piece-Rate		Field					
	Oct 1994	Jul 1995	Oct 1995	Oct 1994	Jul 1995	Oct 1995	Oct 1994	Jul 1995	Oct 1995	
	----- Dollars per Hour 2/ -----									
CA	5.94	5.97	5.89	7.90	8.11	8.27	6.24	6.14	6.67	
FL	7.14	6.70	6.05	7.25	4/	7.05	6.95	6.60	6.25	

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.



Hired Workers: Annual Average Wage Rates  
by Region and United States, 1994 1/ 4/

Region 2/	Type of Worker					Method of Pay			
	All Hired	Field	Live-Stock	Field & Livestock	Super-:visory	Other	Hourly	Piece:Rate	Other
Dollars per Hour									
Northeast I	6.96	6.66	5.65	6.21	10.10	7.90	6.98	6.67	6.94
Northeast II	6.29	6.20	5.25	5.81	9.08	8.17	6.27	3/	6.33
Appalachian I	5.80	5.37	5.83	5.50	8.69	3/	5.48	3/	6.49
Appalachian II	5.68	5.38	5.57	5.47	3/	3/	5.48	3/	3/
Southeast	6.11	5.60	5.90	5.66	9.98	7.04	5.80	3/	6.90
FL	7.04	6.30	6.60	6.33	12.33	9.64	6.23	7.09	10.38
Lake	6.04	6.15	5.12	5.65	9.74	7.45	6.01	6.15	6.06
Cornbelt I	6.44	6.20	6.12	6.18	8.57	6.18	6.25	3/	6.80
Cornbelt II	5.96	5.82	5.61	5.72	8.16	3/	5.81	3/	6.23
Delta	5.47	5.11	5.38	5.19	8.47	3/	5.25	3/	5.92
Northern Plains	6.20	6.04	5.89	5.99	8.04	6.33	6.27	3/	6.13
Southern Plains	5.64	5.19	5.50	5.32	8.40	6.71	5.39	3/	6.01
Mountain I	5.79	5.53	5.63	5.57	7.45	6.31	5.98	3/	5.63
Mountain II	6.20	5.67	5.58	5.62	9.27	7.02	5.78	3/	6.62
Mountain III	6.26	5.55	6.21	5.80	9.14	3/	5.79	3/	7.05
Pacific	6.71	6.36	6.83	6.41	10.04	8.17	6.22	7.49	8.51
CA	6.78	6.18	6.93	6.24	11.97	10.08	6.13	7.22	10.30
HI	9.88	8.77	8.41	8.73	15.62	3/	8.93	3/	13.97
US 5/	6.39	6.02	5.76	5.95	9.91	7.87	6.06	7.02	7.04

- 1/ Excludes Agricultural Service Workers.
- 2/ Region map on page 21.
- 3/ Insufficient data.
- 4/ Annual rates are averages of the published wage rates for each survey week weighted by the number of hours worked during the week. The annual average for all States, Regions, and the U.S. is based on data collected for January, April, July, and October.
- 5/ Excludes AK.

Hired Workers: Annual Average Wage Rates  
by Region and United States, 1995 1/ 4/

Region 2/	Type of Worker				Method of Pay				
	All Hired	Field	Live-Stock	Field & Livestock	Super-:visory	Other	Hourly	Piece:Rate	Other
Dollars per Hour									
Northeast I	6.92	6.80	5.81	6.36	9.76	7.97	7.03	6.98	6.70
Northeast II	6.41	6.35	5.24	5.97	9.39	7.59	6.49	6.67	6.22
Appalachian I	6.10	5.71	6.16	5.80	9.07	3/	5.78	6.52	6.73
Appalachian II	5.73	5.51	5.62	5.54	3/	3/	5.62	3/	3/
Southeast	5.77	5.39	5.47	5.40	9.45	6.67	5.46	3/	6.35
FL	7.48	6.57	6.33	6.54	13.03	10.21	6.68	7.04	11.36
Lake	6.64	6.53	5.72	6.19	9.73	7.32	6.66	6.41	6.62
Cornbelt I	6.60	6.29	6.09	6.23	9.92	6.90	6.32	3/	7.19
Cornbelt II	6.20	5.87	5.94	5.90	8.61	3/	5.98	3/	6.80
Delta	5.50	5.16	5.64	5.27	9.10	6.44	5.27	3/	6.02
Northern Plains	6.46	6.44	6.06	6.29	7.91	6.48	6.50	3/	6.40
Southern Plains	5.83	5.32	5.78	5.50	9.17	6.63	5.44	6.06	6.32
Mountain I	5.94	5.66	5.96	5.76	7.36	3/	5.94	3/	5.94
Mountain II	6.20	5.77	5.50	5.64	8.67	3/	5.98	3/	6.40
Mountain III	6.39	5.78	6.09	5.87	10.46	3/	5.82	3/	3/
Pacific	7.16	6.77	7.38	6.82	10.55	9.24	6.50	8.05	9.38
CA	6.83	6.16	7.30	6.26	12.17	9.59	6.16	6.86	10.32
HI	9.76	8.62	8.16	8.60	3/	3/	8.84	3/	3/
US 5/	6.54	6.13	5.99	6.09	10.27	8.11	6.19	7.03	7.29

1/ Excludes Agricultural Service Workers.

2/ Region map on page 21.

3/ Insufficient data.

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

5/ Excludes AK.

Hired Workers: Annual Average Wage Rates  
by State and United States, 1994 1/ 2/

State	All Hired	Field	Field & Livestock	Hourly
Dollars per Hour				
AL	5.87	5.32	5.36	5.57
AZ	6.31	5.63	5.78	5.75
AR	5.77	5.37	5.53	5.58
CA	6.78	6.18	6.24	6.13
CO	6.26	5.73	5.73	5.82
DE	6.82	5.73	5.75	5.71
FL	7.04	6.30	6.33	6.23
GA	6.39	5.77	5.87	6.09
HI	9.88	8.77	8.73	8.93
ID	6.26	5.80	6.05	6.06
IL	6.66	6.35	6.19	6.41
IN	6.59	6.16	6.40	6.46
IA	6.18	6.12	5.96	6.08
KS	6.66	6.32	6.41	6.42
KY	5.41	4.84	5.14	5.04
LA	5.51	5.19	5.27	5.28
MD	6.09	6.11	5.72	5.96
MI	6.40	5.97	5.99	6.21
MN	6.44	6.57	6.04	6.65
MS	5.10	4.68	4.75	4.90
MO	5.70	5.55	5.44	5.58
MT	5.26	5.06	5.01	5.44
NE	6.02	5.76	5.82	5.81
NV	6.31	5.82	5.48	6.10
NJ	7.22	6.52	6.67	6.53
NM	6.16	5.29	5.84	5.90
NY	6.61	6.35	6.07	6.72
NC	5.70	5.26	5.41	5.37
ND	6.50	6.78	6.37	7.09
OH	6.12	6.04	5.96	5.91
OK	5.91	5.50	5.62	5.64
OR	6.42	6.02	6.00	6.15
PA	5.82	6.07	5.41	6.25
SC	5.54	5.39	5.39	5.43
SD	5.30	5.05	5.09	5.82
TN	6.16	6.29	5.99	6.09
TX	5.59	5.15	5.26	5.34
UT	6.04	5.52	5.45	5.60
VA	5.99	5.65	5.69	5.75
WA	6.85	6.50	6.60	6.25
WV	5.47	5.57	5.36	5.38
WI	5.39	5.94	5.10	5.42
WY	5.17	5.02	4.95	6.11
Oth Sts 3/	7.32	7.02	6.37	7.27
US 4/	6.39	6.02	5.95	6.06

1/ Excludes Agricultural Service Workers.

2/ Annual rates are averages of the wage rates for each survey week weighted by the number of hours worked during the week. The annual average is based on data collected for January, April, July, and October.

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

4/ Excludes AK.

Hired Workers: Annual Average Wage Rates  
by State and United States, 1995 1/ 2/

State	All Hired	Field	Field & Livestock	Hourly
Dollars per Hour				
AL	5.53	5.21	5.23	5.23
AZ	6.50	5.78	5.82	5.83
AR	5.63	5.34	5.47	5.54
CA	6.83	6.16	6.26	6.16
CO	6.48	5.81	5.83	5.99
DE	6.36	6.01	5.91	6.46
FL	7.48	6.57	6.54	6.68
GA	6.11	5.58	5.61	5.97
HI	9.76	8.62	8.60	8.84
ID	6.09	5.72	5.90	5.96
IL	6.66	6.47	6.34	6.32
IN	6.85	6.24	6.37	6.59
IA	6.28	5.99	6.03	6.12
KS	6.84	6.64	6.60	6.60
KY	5.72	5.40	5.52	5.46
LA	5.53	5.19	5.28	5.36
MD	6.26	6.27	5.84	6.56
MI	6.64	6.40	6.33	6.54
MN	6.91	6.84	6.61	7.17
MS	5.34	4.88	5.05	4.99
MO	6.10	5.78	5.74	5.83
MT	5.66	5.50	5.54	5.65
NE	6.32	6.34	6.25	6.49
NV	6.10	5.67	5.47	6.12
NJ	7.42	6.74	6.77	6.86
NM	6.16	5.77	5.97	5.78
NY	6.54	6.68	6.20	6.70
NC	5.99	5.52	5.66	5.62
ND	6.44	6.47	6.27	6.56
OH	6.39	6.08	6.00	6.17
OK	6.27	5.72	5.81	5.94
OR	6.74	6.33	6.33	6.16
PA	6.07	6.18	5.71	6.30
SC	5.28	5.16	5.18	5.02
SD	5.82	5.94	5.68	6.02
TN	5.87	5.64	5.67	5.78
TX	5.74	5.25	5.45	5.35
UT	5.59	5.72	5.35	5.88
VA	6.28	6.03	6.02	6.07
WA	7.48	7.08	7.18	6.77
WV	5.15	5.33	5.13	5.35
WI	6.46	6.47	5.79	6.49
WY	5.80	5.58	5.58	6.14
Oth Sts 3/	7.34	6.93	6.56	7.35
US 4/	6.54	6.13	6.09	6.19

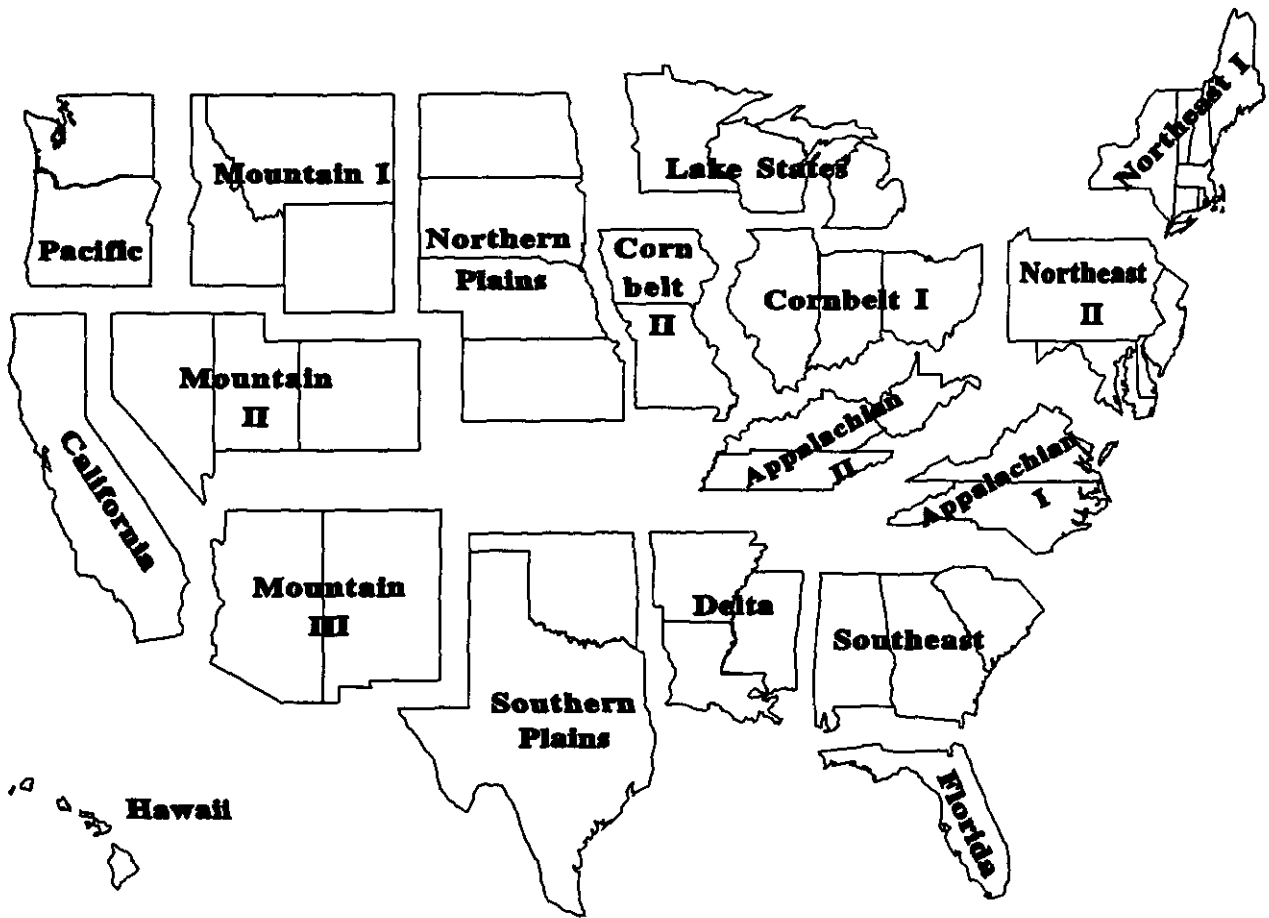
1/ Excludes Agricultural Service Workers.

2/ Annual rates are averages of the wage rates for each survey week weighted by the number of hours worked during the week. The annual average is based on data collected for January, April, July, and October.

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

4/ Excludes AK.

Farm Labor Regions



Region

States

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

## Reliability of Farm Labor Estimates

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

Two samples of farm operators are selected. First, NASS maintains a list of farms that hire farm workers. Farms on this list are classified by size and type. Those expected to employ large numbers of workers are selected with greater frequency than those hiring few or no workers. A second sample consists of segments of land scientifically selected from 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 October 8-14, 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 2.0 percent and 2.8 percent for all hired workers. The relative sampling error for number of hired workers generally ranged between 9 and 18 percent at the regional and 12 and 25 percent at the published State level. The U.S. all hired farm worker wage rate had a relative sampling error of 1.3 percent. The relative sampling error was 1.4 percent for hourly paid workers and 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 7 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 10 percent at the regional level. The relative sampling errors for hired workers benefits ranged between 10 and 20 percent.

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 July, 1995 and October, 1994 were subject to revision with this report. No revisions were made but previous data are reprinted in this report for your information.

**Annual Average Wage Rates:** Included with this report are the annual average wage rates for 1994 and 1995. Annual rates are the averages of the wage rates for each survey week weighted by the total number of hours worked during the week. The survey weeks include the 12th of the month for January, April, July, and October. Combining data for the four survey weeks provides a large enough sample to permit publication of some wages at the State level. Annual wage rates for both 1994 and 1995 are published at the regional and U.S. level for the all hired wage rate and the wage rates by method of pay and type of worker. For 1994 and 1995, annual wage rate information is published at the State level for the all hired wage rate, the hourly wage rate, the field worker wage rate, and the combined field and livestock worker wage rate. For 1995, the relative sampling error, at the U.S. level, was 1.0 percent for all hired workers. The relative sampling error was 1.1 percent for hourly paid workers and was 1.1 percent for the combined field and livestock worker wage rate. The relative sampling error for all hired farm workers, hourly paid workers, and the combined field and livestock worker wage rates generally ranged between 2 and 6 percent at the regional level and 2 to 10 percent at the State level.

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The February 13th report will have information for the survey week of January 7-13, 1996. 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 February 13, 1996.

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