

# Farm Labor



United States  
Department of  
Agriculture

Washington, D.C.

Released February 13, 1996, 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@NASS.USDA.GOV. Estimates refer to the week of January 7-13, 1996.

## All Hired Wage Rate Higher

There were 2.46 million people working on the Nation's farms and ranches during the week of January 7-13, 1996. Self-employed farm operators accounted for 1.40 million of the total, along with 348,000 unpaid workers, and 598,000 workers hired directly by farm operators. Agricultural service employees on farms and ranches made up the remaining 115,000 workers.

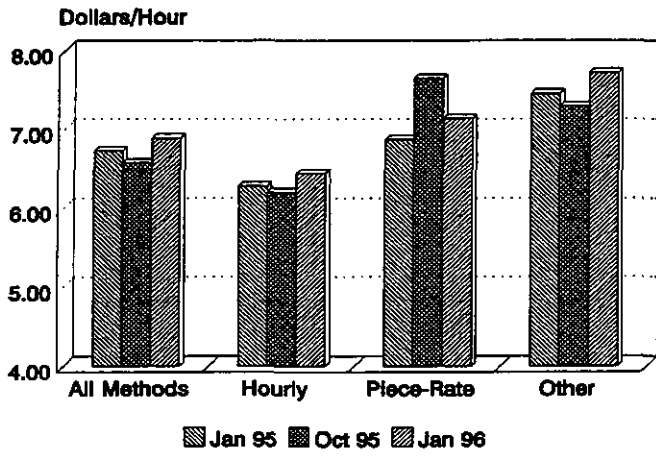
Farm operators paid their hired workers an average wage of \$6.89 per hour during the January 1996 survey week, up 16 cents from a year earlier. Workers paid on an hourly basis earned \$6.44 per hour compared with \$6.28 last January. Field workers received an average of \$6.33 per hour, up 13 cents. Livestock workers earned \$6.20 per hour compared with \$6.00 a year earlier.

Self-employed farm operators worked an average of 28.7 hours, compared to 30.8 hours in the comparable week in 1995. Unpaid workers averaged 27.7 hours, compared to 28.1 hours last year. Hired employees worked 39.1 hours during the week, compared with 37.3 last year.

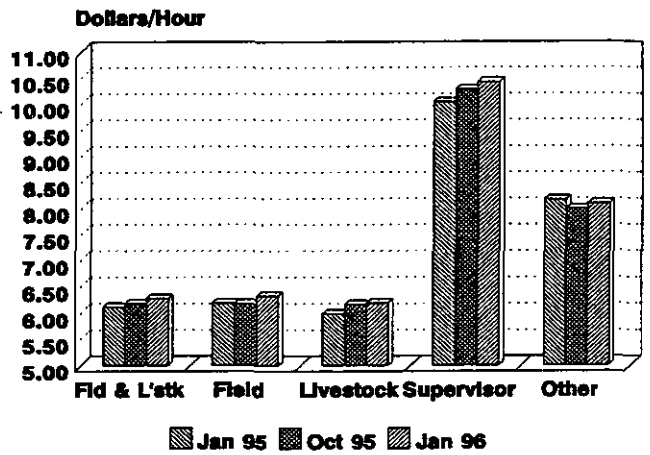
Benefits were provided for 329,000 hired workers. Farm operators provided housing for 102,000, meals for 36,000, bonuses for 78,000, health insurance for 173,000, transportation for 48,000, and other benefits for 191,000 hired workers.

During the survey week of January 7-13, 1996, record snowfall bombarded areas from the Ohio Valley to the Middle Atlantic States, while temperatures dipped to freezing or below as far south as the lower Rio Grande Valley and southern Florida. A fast-moving, late-week storm dumped additional snow on the East, but Pacific warmth overspread the remainder of the Nation. California's dry spell was broken when most areas received rainfall. Avocado picking was active in California as citrus harvest gained momentum. Vegetable harvest was active in the San Joaquin and Imperial Valleys. Farmers in Florida have started planting tobacco seed beds and making preparations for spring planted crops. Citrus harvest remains active. Snowfall across the Texas Plains slowed cotton final harvest activity and extremely low temperatures limited small grain growth. Vegetable harvest in the Rio Grand Valley occurred despite cool, damp conditions. Citrus harvest was also slowed by wetness.

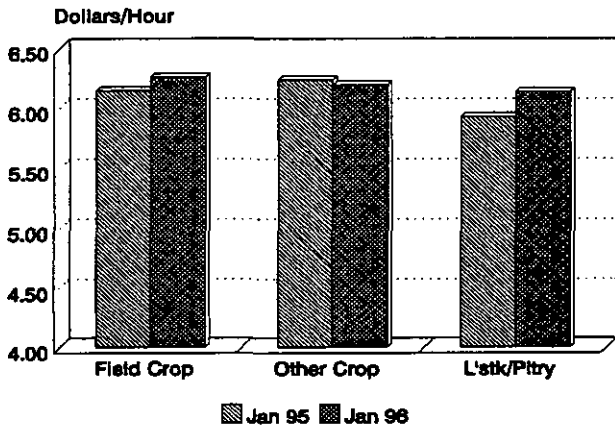
### U.S. Wage Rates by Method of Pay



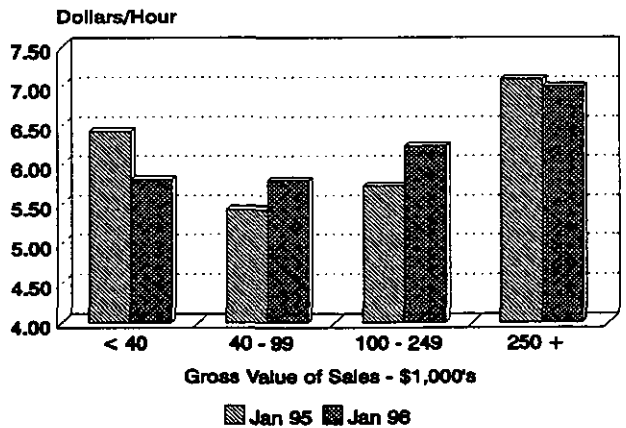
### U.S. Wage Rates by Type of Worker



### 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,  
January 7-13, 1996, with Comparisons 1/

Farm Employment	: January 8-14, : 1995	: October 8-14, : 1995	: January 7-13, : 1996
		1,000	
Farm Workers	*2,320	*3,081	2,347
Self-Employed	*1,345	1,586	1,401
Unpaid	346	541	348
Hired	629	*954	598
Expected to be Employed			
150 Days or More	510	*607	496
149 Days or Less	119	347	102
Agricultural Services			
Workers Working on Farms	140	302	115
Total Farm & Service Workers	*2,460	*3,383	2,462
		Hours per Week	
Hours Worked			
Self-Employed	30.8	39.6	28.7
Unpaid	28.1	35.0	27.7
Hired	37.3	41.9	39.1
		Dollars per Hour	
Wage Rates for			
All Hired Workers 2/ 3/	6.73	6.58	6.89
Method of Pay			
Hourly	6.28	6.20	6.44
Piece-Rate	6.87	7.65	7.14
Other	7.46	7.30	7.72
Type of Worker			
Field & Livestock Combined	6.12	6.19	6.28
Field	6.20	6.19	6.33
Livestock	6.00	6.17	6.20
Supervisory	10.03	10.28	10.42
Other	8.16	7.99	8.09

\* Revisions.

1/ Excludes AK.

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

3/ Excludes Agricultural Service Workers.

Workers on Farms: Number by Region, State,  
and United States, January 7-13, 1996 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/	Expected to be Employed 149 Days or Less 3/
				1,000		
NY	57			15		
Other 4/	29			13		
Northeast I	86	48	10	28	24	4
PA	66			13		
Other 4/	25			8		
Northeast II	91	50	20	21	19	2
NC	62			15		
VA	45			8		
Appalachian I	107	68	16	23	20	3
Appalachian II	151	115	20	16	9	7
Southeast	91	62	7	22	19	3
FL	77	24	6	47	40	7
MI	52			13		
MN	83			9		
WI	97			18		
Lake	232	149	43	40	33	7
Cornbelt I	229	163	32	34	30	4
Cornbelt II	207	151	30	26	20	6
Delta	107	68	18	21	18	3
Northern Plains	189	123	39	27	23	4
OK	76			10		
TX	239			37		
Southern Plains	315	219	49	47	40	7
Mountain I	59	31	7	21	20	1
Mountain II	39	22	6	11	10	1
AZ	30			13		
NM	28			5		
Mountain III	58	16	24	18	14	4
OR	52			17		
WA	41			20		
Pacific	93	46	10	37	28	9
CA	205	43	10	152	123	29
HI	11	3	1	7	6	1
US 5/	2,347	1,401	348	598	496	102

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

**Workers on Farms: Hours Worked and Wage Rates for All Hired Workers  
by Region, State, and United States, January 7-13, 1996 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			41.5	6.99
Other 4/			39.0	7.30
Northeast I	37.5	33.0	40.3	7.12
PA			44.0	6.12
Other 4/			32.3	7.94
Northeast II	37.0	28.4	39.5	6.76
NC			37.7	6.69
VA			43.0	6.07
Appalachian I	26.8	27.9	39.5	6.51
Appalachian II	20.3	26.5	30.4	5.94
Southeast	22.5	25.1	34.9	6.60
FL	24.5	26.5	39.0	7.43
MI			34.7	6.95
MN			30.8	8.15
WI			34.8	6.10
Lake	36.8	28.8	33.9	6.80
Cornbelt I	28.0	31.0	33.7	7.27
Cornbelt II	30.3	23.3	32.5	6.33
Delta	25.9	35.4	33.8	6.43
Northern Plains	35.1	29.1	39.7	7.20
OK			34.0	6.65
TX			43.0	6.07
Southern Plains	25.0	23.6	41.1	6.17
Mountain I	26.6	32.6	39.8	6.61
Mountain II	29.9	26.4	38.3	7.09
AZ			43.0	6.70
NM			47.7	5.91
Mountain III	33.0	26.3	44.3	6.43
OR			37.3	7.32
WA			37.0	7.57
Pacific	19.3	25.5	37.1	7.46
CA	29.7	28.3	43.8	6.95
HI	28.6	31.4	36.5	9.63
US 5/	28.7	27.7	39.1	6.89

- 1/ Excludes Agricultural Service Workers.  
2/ Region map on page 17.  
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4/ Other States in the same region.  
5/ Excludes AK.

Hired Workers: Wage Rates by Region, State,  
and United States, January 7-13, 1996 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	6.95		6.06			7.06		
Other 4/	8.20		6.67			7.80		
Northeast I	7.53	5.63	6.30	10.11	7.73	7.38	3/	6.81
PA	6.11		5.44			6.77		
Other 4/	7.42		6.93			7.75		
Northeast II	6.53	5.54	6.04	8.45	7.39	7.19	3/	6.46
NC	6.00		6.28			6.34		
VA	5.90		5.77			6.00		
Appalachian I	5.97	6.20	6.13	10.22	7.60	6.24	3/	7.16
Appalachian II	5.41	5.93	5.62	10.17	7.38	5.70	3/	6.92
Southeast	6.00	6.13	6.04	9.64	9.05	6.18	3/	7.35
FL	6.40	6.25	6.38	12.65	11.00	6.45	6.70	10.60
MI	6.75		6.45			7.00		
MN	7.55		6.93			7.35		
WI	7.09		5.34			6.41		
Lake	6.97	5.68	5.97	10.81	8.25	6.82	3/	6.80
Cornbelt I	7.15	6.47	6.81	10.85	7.08	6.91	3/	7.82
Cornbelt II	5.89	6.23	6.10	8.87	5.96	6.10	3/	6.67
Delta	6.04	5.92	5.97	9.25	6.96	5.64	3/	7.27
Northern Plains	7.46	6.59	6.79	9.22	7.14	6.99	3/	7.34
OK	6.00		5.78			6.30		
TX	5.22		5.56			5.62		
Southern Plains	5.31	5.89	5.59	10.27	6.48	5.73	3/	6.69
Mountain I	6.75	6.31	6.42	7.31	6.25	6.08	6.50	6.80
Mountain II	6.80	6.29	6.49	8.93	9.17	6.74	3/	7.43
AZ	5.55		5.73			5.80		
NM	4.95		5.26			5.87		
Mountain III	5.42	5.90	5.57	10.62	8.52	5.81	3/	7.59
OR	6.66		6.59			6.70		
WA	7.14		7.29			7.09		
Pacific	6.95	7.26	7.00	10.75	9.33	6.90	7.83	9.21
CA	6.25	7.21	6.35	11.70	10.67	6.35	7.14	10.18
HI	8.34	3/	8.34	15.17	3/	8.67	3/	13.93
US 7/	6.33	6.20	6.28	10.42	8.09	6.44	7.14	7.72

1/ Excludes Agricultural Service Workers.

2/ Region map on page 17.

3/ Insufficient data.

4/ Other States in the same region.

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

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

7/ Excludes AK.

**Workers on Farms: Number by Region, State, and United States,  
October 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/	Expected to be Employed 149 Days or Less 3/
				1,000		
NY	74			30		
Other 4/	46			19		
Northeast I	120	52	19	49	30	19
PA	82			20		
Other 4/	48			17		
Northeast II	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	*91	25	6	*60	*53	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/	*3,081	1,586	541	*954	*607	347

\* Revisions.

1/ Excludes Agricultural Service Workers.

2/ Region map on page 17.

3/ Published at regional and U.S. level only.

4/ Other States in the same region.

5/ Excludes AK.

Workers on Farms: Hours Worked and Wage Rates for All Hired Workers,  
by Region, State, and United States, October 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 17.  
3/ Published at regional and U.S. level only.  
4/ Other States in the same region.  
5/ Excludes AK.



Hired Workers: Wage Rates by Region, State, and United States,  
October 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 17.

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/	Expected to be Employed 149 Days or Less 3/
				1,000		
NY	48			15		
Other 4/ Northeast I	42			21		
	90	43	11	36	31	5
PA	70			15		
Other 4/ Northeast II	28			7		
	98	54	22	22	19	3
NC	62			17		
VA	54			13		
Appalachian I	116	71	15	30	22	8
Appalachian II	157	110	21	26	14	12
Southeast	98	64	8	26	20	6
FL	77	19	3	55	45	10
MI	52			16		
MN	94			15		
WI	117			25		
Lake	263	157	50	56	47	9
Cornbelt I	206	143	33	30	25	5
Cornbelt II	194	134	27	33	29	4
Delta	107	67	18	22	20	2
Northern Plains:	185	124	37	24	20	4
OK	78			12		
TX	*227			39		
Southern Plains:	*305	*215	39	51	40	11
Mountain I	53	29	10	14	13	1
Mountain II	45	24	7	14	13	1
AZ	26			11		
NM	30			5		
Mountain III	56	15	25	16	14	2
OR	50			16		
WA	48			29		
Pacific	98	44	9	45	32	13
CA	161	29	10	122	100	22
HI	11	3	1	7	6	1
US 5/	*2,320	*1,345	346	629	510	119

- \* Revisions.  
1/ Excludes Agricultural Service Workers.  
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**Workers on Farms: Hours Worked and Wage Rates for All Hired Workers  
by Region, State, and United States, January 8-14, 1995 1/**

State and Region 2/	Hours Worked 3/			Wage Rates for All Hired Workers
	Self- Employed	Unpaid/	Hired	
	----- Hours per Week -----			Dollars per Hour
NY			40.4	6.58
Other 4/ Northeast I	39.9	32.3	40.2	7.35
PA			43.0	6.24
Other 4/ Northeast II	37.3	34.9	40.9	6.82
NC			33.0	6.40
VA			36.0	6.70
Appalachian I	27.4	32.4	34.3	6.35
Appalachian II	25.5	24.6	30.5	6.54
Southeast	22.5	27.5	37.7	5.60
FL	24.0	31.0	41.0	7.39
MI			37.3	6.55
MN			30.9	6.69
WI			39.0	5.97
Lake	38.8	30.3	36.3	6.30
Cornbelt I	28.8	29.6	38.6	6.73
Cornbelt II	29.4	24.2	37.2	6.46
Delta	26.9	32.0	31.9	5.96
Northern Plains:	36.4	27.7	36.8	7.29
OK			30.0	6.50
TX			39.1	5.67
Southern Plains:	29.5	25.7	37.0	5.83
Mountain I	33.2	31.2	40.9	6.99
Mountain II	31.6	26.3	42.8	6.67
AZ			47.0	7.40
NM			39.9	6.08
Mountain III	28.6	20.9	44.8	7.01
OR			35.9	6.96
WA			36.0	7.41
Pacific	25.8	25.5	36.0	7.25
CA	30.3	27.0	36.0	7.10
HI	28.6	29.1	37.6	9.76
US 5/	30.8	28.1	37.3	6.73

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Hired Workers: Wage Rates by Region, State,  
and United States, January 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	8.07		6.44			6.75		
Other 4/	7.00		6.48			7.30		
Northeast I	7.40	5.87	6.46	9.46	7.20	7.11	3/	6.93
PA	6.67		5.81			6.52		
Other 4/	6.53		5.95			6.89		
Northeast II	6.63	5.12	5.84	9.30	8.87	6.61	3/	6.16
NC	5.95		6.09			5.75		
VA	5.87		5.89			6.10		
Appalachian I	5.92	6.07	6.00	9.11	7.56	5.89	3/	7.02
Appalachian II	5.33	5.69	5.51	3/	3/	5.64	3/	3/
Southeast	5.44	5.25	5.39	3/	5.67	5.37	6.05	6.19
FL	6.54	6.25	6.51	12.50	10.00	6.75	6.70	10.85
MI	7.40		6.33			6.95		
MN	7.94		6.21			7.43		
WI	6.00		5.33			6.10		
Lake	6.86	5.56	5.83	8.53	7.50	6.51	5.79	6.09
Cornbelt I	6.16	6.28	6.21	9.31	7.01	6.39	3/	7.32
Cornbelt II	5.63	6.36	6.07	8.35	3/	6.21	3/	7.12
Delta	5.61	5.46	5.54	3/	6.21	5.42	3/	6.54
Northern Plains	7.31	6.86	6.99	3/	7.58	6.60	3/	7.88
OK	5.85		5.85			6.30		
TX	5.26		5.29			5.19		
Southern Plains	5.33	5.45	5.39	8.60	6.52	5.44	5.67	6.25
Mountain I	6.60	6.50	6.52	8.69	6.91	7.36	3/	6.84
Mountain II	6.53	5.96	6.13	8.44	6.36	6.55	3/	6.73
AZ	6.80		6.31			6.50		
NM	6.12		5.98			5.76		
Mountain III	6.58	5.51	6.20	3/	3/	6.31	3/	3/
OR	6.10		6.22			6.15		
WA	6.59		6.81			6.69		
Pacific	6.43	7.34	6.60	10.65	10.25	6.53	7.58	9.57
CA	6.00	6.98	6.17	12.00	9.51	6.07	7.44	9.57
HI	8.60	3/	8.55	15.55	3/	8.78	3/	14.10
US 7/	6.20	6.00	6.12	10.03	8.16	6.28	6.87	7.46

1/ Excludes Agricultural Service Workers.

2/ Region map on page 17.

3/ Insufficient data.

4/ Other States in the same region

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

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

7/ Excludes AK.

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

Region 2/	January 8-14, 1995				January 7-13, 1996			
	Field :Crops	Other :Crops	L'stk & :Poultry	All : Farms	Field :Crops	Other :Crops	L'stk & :Poultry	All : Farms
Dollars per Hour								
Northeast	6.71	7.28	5.70	6.21	6.92	7.95	5.43	6.20
Appalachian	5.35	6.64	5.73	5.77	5.37	6.14	6.22	5.94
Southeast	6.30	6.23	5.67	6.16	6.23	5.46	5.53	5.60
Lake	5.96	7.51	5.47	5.83	7.47	6.85	5.66	5.97
Cornbelt	6.05	5.92	6.29	6.14	6.53	6.16	6.69	6.50
Delta	5.96	5.50	5.10	5.54	6.34	4.81	5.84	5.97
Northern Plains	7.44	3/	6.73	6.99	7.49	6.28	6.47	6.79
Southern Plains	5.39	4.98	5.50	5.39	5.59	5.13	5.77	5.59
Mountain	6.71	6.78	5.94	6.26	5.63	5.89	6.47	6.06
Pacific	6.41	6.04	7.13	6.29	6.78	6.32	7.17	6.46
48 States	6.15	6.24	5.93	6.09	6.26	6.20	6.14	6.18

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

Region 2/	January 8-14, 1995				January 7-13, 1996					
	Gross Value Sales-\$1000's :<40	40-99	100-249	250+ : Farms	Gross Value Sales-\$1000's :<40	40-99	100-249	250+ : Farms		
Dollars per Hour										
N. East	7.55	4.96	5.69	7.49	6.80	5.72	5.20	5.63	8.09	6.97
Appal.	5.53	5.48	4.72	6.90	6.16	5.54	5.43	6.13	6.96	6.30
S. East	7.01	6.81	6.27	6.90	6.85	4.78	5.66	5.32	6.10	5.89
Lake	4.04	3.73	5.21	7.24	6.30	3/	5.53	6.54	7.21	6.80
Cornbelt	6.39	5.06	6.01	7.07	6.59	6.13	4.91	6.79	7.28	6.86
Delta	5.58	5.37	5.21	6.47	5.96	5.59	6.28	6.19	6.75	6.43
N. Plains:	7.60	6.75	6.84	7.56	7.29	3/	3/	5.79	7.62	7.20
S. Plains:	6.38	5.32	5.36	6.05	5.83	6.98	5.37	5.94	6.21	6.17
Mountain	7.24	5.68	6.07	7.20	6.89	5.03	6.01	6.55	6.85	6.63
Pacific	5.90	6.60	6.39	7.28	7.14	6.49	7.28	6.55	7.09	7.04
48 States:	6.43	5.43	5.73	7.09	6.70	5.81	5.80	6.24	6.99	6.86

1/ Excludes Agricultural Service Workers.

2/ Regions consist of the following States.

Northeast: CT, DE, MD, ME, MA, NH, NJ, NY, PA, RI, VT.

Appalachian: KY, NC, TN, VA, WV.

Southeast: AL, FL, GA, SC.

Lake: MI, MN, WI.

Cornbelt: IA, IL, IN, MO, OH.

Delta: AR, LA, MS.

Northern Plains: KS, NE, ND, SD.

Southern Plains: OK, TX.

Mountain: AZ, CO, ID, MT, NM, NV, UT, WY.

Pacific: CA, OR, WA.

48 States: All States, excluding AK and HI.

3/ Insufficient data.

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

Type of Farm	January 8-14, 1995	October 8-14, 1995	January 7-13, 1996
	Percent of Field and Livestock Workers 2/ 3/		
Field Crops	19	26	19
Other Crops	37	50	46
Livestock, Dairy, & Poultry	44	24	35
	100.0	100.0	100.0

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

Gross Value of Sales	January 8-14, 1995	October 8-14, 1995	January 7-13, 1996
	Percent of Hired Workers 3/		
Less than \$40,000	10	9	9
\$40,000-\$99,999	9	10	8
\$100,000-\$249,999	18	17	16
\$250,000 and over	63	64	67
	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,  
January 7-13 1/ 2/

	: January 8-14, : 1995	: October 8-14, : 1995	: January 7-13, : 1996
	: Percent of Hired Workers		
Employed on Farms Hiring			
1 Worker	: 16	: 11	: 14
2 Workers	: 12	: 9	: 11
3-6 Workers	: 26	: 18	: 24
7-10 Workers	: 9	: 10	: 9
At least 11 Workers	: 37	: 52	: 42
	: 100.0	: 100.0	: 100.0
Payment Method			
Hourly	: 63	: 70	: 63
Piece-Rate	: 5	: 10	: 7
Other Methods	: 32	: 20	: 30
	: 100.0	: 100.0	: 100.0

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

	: January 8-14, : 1995	: October 8-14, : 1995	: January 7-13, : 1996
	: Number	: Pct	: Number : Pct
	: 1,000	: 1,000	: 1,000
Benefits 3/			
Housing	: 114	: 19	: 138 : 14
Meals	: 43	: 7	: 57 : 6
Bonus	: 74	: 12	: 102 : 11
Health Insurance	: 161	: 27	: 194 : 20
Transportation	: 41	: 7	: 56 : 6
Other Benefits	: 164	: 27	: 194 : 20
Wages Only	: 277	: 46	: 538 : 56
			: 269 : 45

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 115,000 workers for the Nation's farms and ranches during the week of January 7-13, 1996. Service workers in California numbered 51,000 compared with 54,000 during the January 1995 survey week. Florida's number of service workers was 15,000, compared to 13,000 last year.

The average wages received by agricultural service workers in California and Florida were \$6.39 and \$8.35 per hour, respectively. Comparable wages in January 1995 were \$6.70 in California and \$6.81 in Florida.

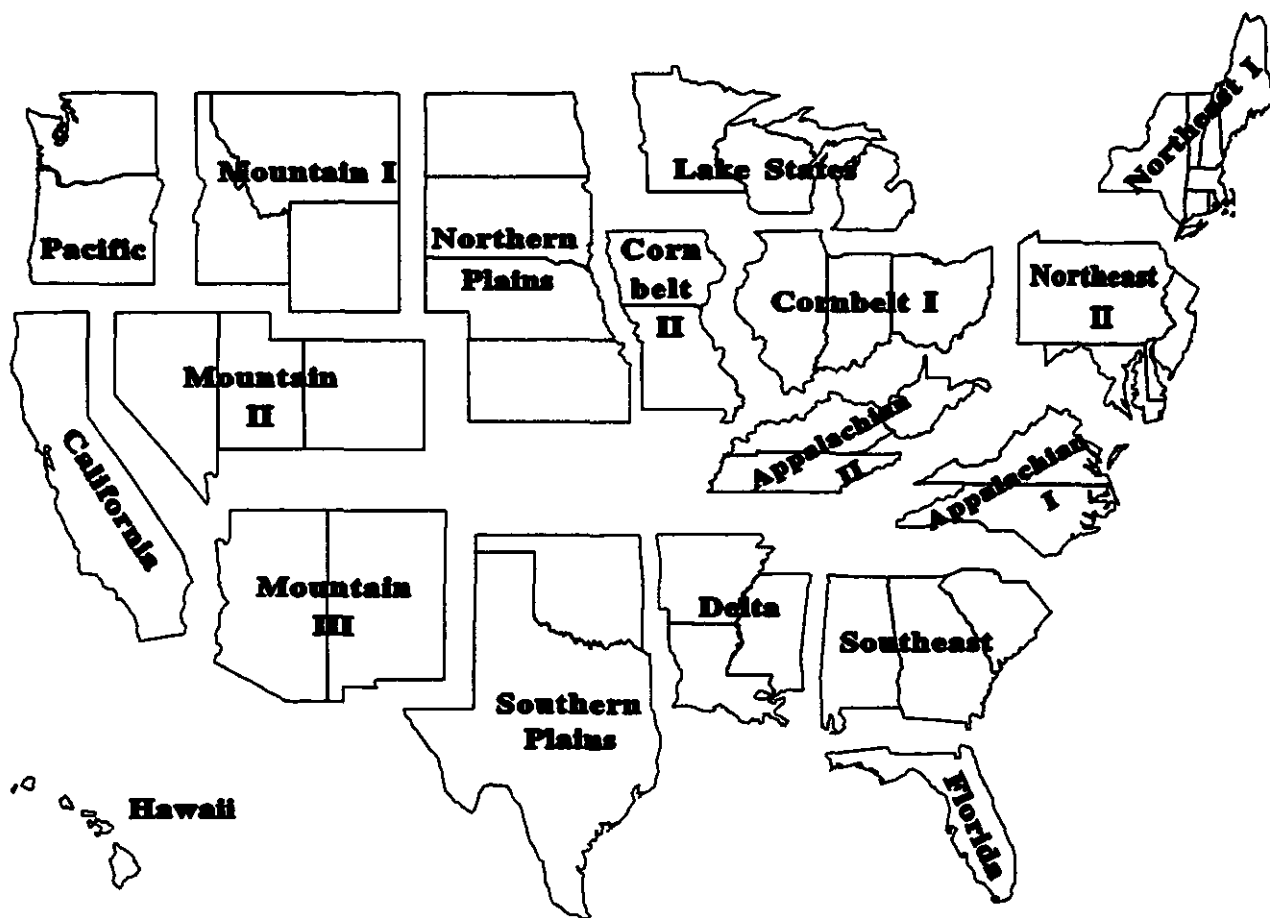
Agricultural Service Workers: Number, Hours Worked, and Wage Rates,  
for California, Florida, and United States 1/

State:	Number of Workers Working on Farms			Hours Worked			Wage Rates 3/			
	Jan 1995	Oct 1995	Jan 1996	Jan 1995	Oct 1995	Jan 1996	Jan 1995	Oct 1995	Jan 1996	
	----- 1,000 -----			----- Hours 2/ -----			----- Dollars per Hour 2/ -----			
CA	54.0	98.0	51.0	31.5	33.0	39.1	6.70	6.93	6.39	
FL	13.0	5.5	15.0	37.0	31.0	33.0	6.81	7.05	8.35	
US	140.0	302.0	115.0							
	Method of Pay						Type of Work			
	Hourly		Piece-Rate		Field					
	Jan 1995	Oct 1995	Jan 1996	Jan 1995	Oct 1995	Jan 1996	Jan 1995	Oct 1995	Jan 1996	
	----- Dollars per Hours 2/ -----									
CA	6.19	5.89	6.02	6.50	8.27	6.85	6.21	6.67	6.13	
FL	6.80	6.05	7.00	6.60	7.05	8.45	6.39	6.25	7.75	

- 1/ Data are for Agricultural Services performed on the farm by custom service units such as crew leaders or custom crews. These statistics are not included in the State-Regional tables.
- 2/ United States data not available.
- 3/ Benefits, such as housing and meals, are provided some workers but the values are not included in the wage rates.



Farm Labor Regions



Region

States

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

## Reliability of Farm Labor Estimates

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

Two samples of farm operators are selected. First, NASS maintains a list of farms that hire farm workers. Farms on this list are classified by size and type. Those expected to employ large numbers of workers are selected with greater frequency than those hiring few or no workers. A second sample consists of segments of land scientifically selected from aerial photography. Each June, highly trained interviewers locate each selected land segment and identify every farm operating land within the sample segment's boundaries. The names of farms found in these area segments are matched against the list of farms; those not found on the list are included in the labor survey sample to represent all farms not on the NASS list. This methodology is known as multiple frame sampling, with an area sample used to measure the incompleteness of the list. Additionally, a list of agricultural service firms was sampled in California and Florida. The survey reference week was January 7-13, 1996.

**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 6.3 percent and 3.3 percent for all hired workers. The relative sampling error for number of hired workers generally ranged between 7 and 18 percent at the regional and 9 and 29 percent at the published State level. The U.S. all hired farm worker wage rate had a relative sampling error of 1.0 percent. The relative sampling error was 1.2 percent for hourly paid workers and 1.0 percent for the combined field and livestock worker wage rate. Relative sampling errors for the all hired farm worker wage rate generally ranged between 2 and 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 October, 1995 and January, 1995 were subject to revision with this report. Revisions are included in this report.

## Index

	<b>Page</b>
U.S. Workers on Farms, Hours Worked, and Wage Rates .....	3
Number of Workers by Region, State, and U.S.	
January 1996 .....	4
October 1995 .....	7
January 1995 .....	10
Average Hours Worked by Region, State, and U.S.	
January 1996 .....	5
October 1995 .....	8
January 1995 .....	11
Wage Rates by Region, State, and U.S.	
January 1996 .....	5
October 1995 .....	8
January 1995 .....	11
Agricultural Services: Workers, Average Hours Worked, and Wages	
January 1995 .....	16
October 1995 .....	16
January 1996 .....	16
Other Labor Estimates	
U.S. Distribution of Workers .....	15
Wage Rates by Type of Farm, by Region, State, 48 States .....	13
Wage Rates by Economic Class of Farm, by Region, State, 48 States...	13
Farm Labor Region Map .....	17
Reliability of Farm Labor Estimates .....	18
Revision Policy .....	18

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The next "Farm Labor" report will be released at 3:00 p.m. ET on May 14, 1996.

The May 14th report will have information for the survey week of April 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.

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