

# Farm Labor



National  
Agricultural  
Statistics  
Service

United States  
Department of  
Agriculture

Washington, D.C.

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Released February 18, 1992, by the Agricultural Statistics Board. Estimates refer to the week of January 12-18, 1992.

## January Wage Rates Higher

There were 2.57 million people working on the Nation's farms and ranches during the week of January 12-18, 1992. Self-employed farm operators accounted for 1.43 million of the total, along with 321,000 unpaid workers, and 703,000 workers hired directly by farm operators. Agricultural service employees working on farms and ranches made up the remaining 123,000 workers.

Farm operators paid their hired workers an average wage of \$6.37 per hour during the January 1992 survey week. This rate was up 37 cents from a year earlier. Workers paid on an hourly basis earned \$5.97 per hour compared with \$5.62 last January. Field workers received an average of \$5.99 per hour, up 30 cents from the January 1991 survey week. Livestock workers earned \$5.62 per hour compared with \$5.32 a year earlier.

Self-employed farm operators worked an average of 29.8 hours, compared to 30.5 hours in the comparable week in 1991. Unpaid workers averaged 32.5 hours, the same as last year. Hired employees worked 38.5 hours compared to 37.9 hours in January of last year.

Benefits, such as housing and meals, were provided to 44 percent of the hired workers during the survey week. This compared with 45 percent last year.

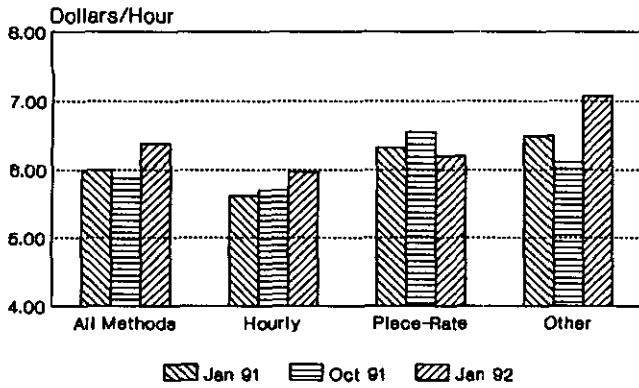
During the survey week of January 12-18, 1992, the arrival of bitter cold temperatures in the eastern two-thirds of the Nation stressed livestock and kept producers busy providing feed and water. Heavy rains in the Gulf region virtually halted field activity. Cotton harvest continued in the Southern Plains but was hampered by icy, wet conditions in portions of Texas. Pecan harvest continued in Arizona but was slowed by rain in Texas. In Texas, lettuce and cabbage harvest began in the Rio Grande Valley. Citrus harvest continued in Arizona and California. Dormant orchard pruning continued. Avocado harvest was underway in California. Lettuce harvest continued in portions of Arizona and California. In Florida, early to mid-season orange harvest was slowing, while grapefruit movement was active. Winter vegetable harvest continued. Sugarcane harvest and planting continued. Tobacco plant bed preparation continued in the Southeast.

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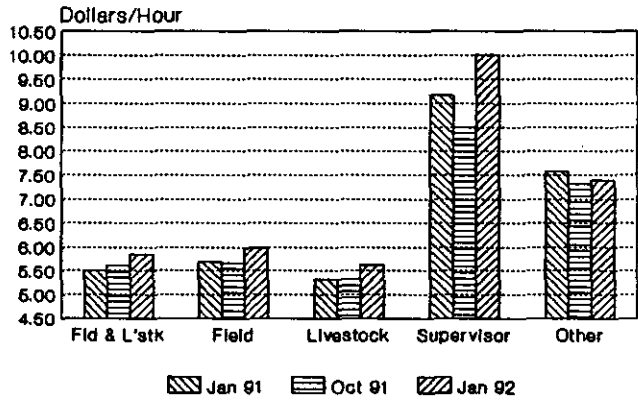
For information, call Tom Kurtz at (202) 690-3228. Office hours are 8:00 a.m. to 4:30 p.m. ET.

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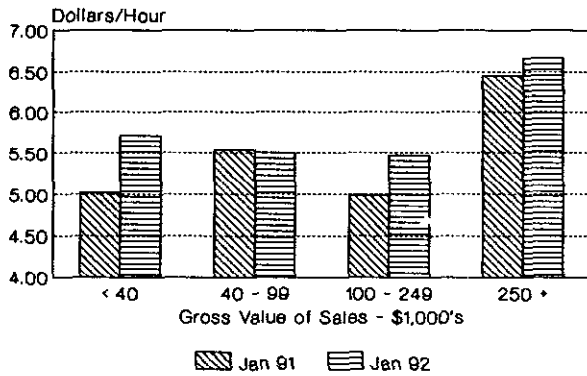
### U.S. Wage Rates by Method of Pay



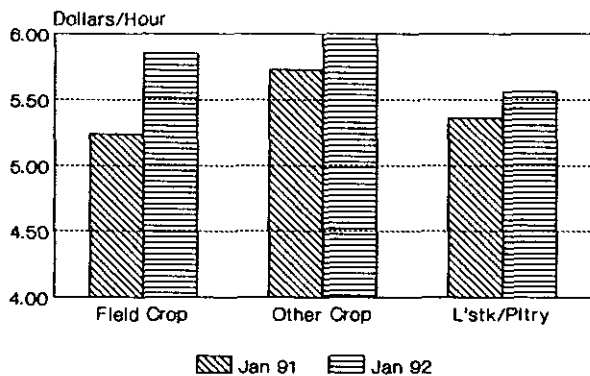
### U.S. Wage Rates by Type of Worker



### Wage Rates of All Hired Workers by Economic Class of Farm



### Wage Rate of Field & L'stk Wkrs Combined By Type of Farm



Farm Employment, Wage Rates, and Indexes, United States,  
January 12-18, 1992, with comparisons 1/

Farm Employment	: January 6-12, : 1991	: October 6-12, : 1991	: January 12-18, : 1992
	: Thousands		
Farm Workers	2,446	3,002	2,449
Self-Employed	1,401	1,491	1,425
Unpaid	339	515	321
Hired	706	996	703
Expected to be Employed			
150 Days or More	550	652	558
149 Days or Less	156	344	145
Agricultural Services			
Workers Working on Farms	168	287	123
Total Farm & Service Workers	2,614	3,289	2,572
Index - 1977=100			
All Farm Workers	77	72	77
Hired Workers	84	73	84
	: Dollars per Hour		
Wage Rates for			
All Hired Workers <u>2/</u> <u>3/</u>	6.00	5.88	6.37
Method of Pay			
Hourly	5.62	5.70	5.97
Piece-Rate	6.31	6.54	6.19
Other	6.48	6.11	7.07
Type of Worker			
Field & Livestock Combined	5.50	5.61	5.85
Field	5.69	5.67	5.99
Livestock	5.32	5.32	5.62
Supervisory	9.17	8.50	10.01
Other	7.58	7.32	7.39
Index - 1977=100			
All Hired Workers	204	194	216

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 by State, Regions, and United States,  
January 12-18, 1992 1/

State and Region <u>2/</u>	All Farm Workers <u>3/</u>	Self- Employed: <u>3/</u>	Unpaid <u>3/</u>	Hired		
				Number of Workers	:Expected to be Employed 150 Days or More <u>3/</u>	: 149 Days or Less <u>3/</u>
Thousands						
NY				19		
Other <u>4/</u>				17		
Northeast I	88	41	11	36	32	4
PA				23		
Other <u>4/</u>				11		
Northeast II	113	57	22	34	28	6
NC				18		
VA				9		
Appalachian I	111	74	10	27	18	9
Appalachian II	169	126	17	26	21	5
Southeast	121	69	15	37	33	4
FL	114	32	4	78	50	28
MI				15		
MN				14		
WI				19		
Lake	257	156	53	48	42	6
Cornbelt I	243	167	40	36	30	6
Cornbelt II	194	146	26	22	18	4
Delta	98	65	11	22	18	4
Northern Plains:	189	131	27	31	27	4
OK				7		
TX				47		
Southern Plains:	256	173	29	54	43	11
Mountain I	67	40	9	18	17	1
Mountain II	50	28	6	16	15	1
AZ				15		
NM				5		
Mountain III	55	13	22	20	17	3
OR				14		
WA				24		
Pacific	110	62	10	38	27	11
CA	200	42	8	150	113	37
HI	14	3	1	10	9	1
US <u>5/</u>	2,449	1,425	321	703	558	145

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

Hours Worked and Wage Rates for All Hired Workers,  
by State, Region, and United States, January 12-18, 1992 1/

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

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

Wage Rates for Hired Workers by Region and United States,  
January 12-18, 1992 1/

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

1/ Excludes Agricultural Service Workers.

2/ Region map on page 17.

3/ Insufficient Data.

4/ Excludes AK.

Workers on Farms by State, Region, and United States,  
October 6-12, 1991 1/

State and Region <u>2/</u>	All Farm Workers <u>3/</u>	Self-Employed <u>3/</u>	Unpaid <u>3/</u>	Hired		
				Number of Workers	Expected to be Employed 150 Days or More <u>3/</u>	149 Days or Less <u>3/</u>
				Thousands		
NY				30		
Other <u>4/</u>				25		
Northeast I	114	46	13	55	36	19
PA				38		
Other <u>4/</u>				15		
Northeast II	141	61	27	53	48	5
NC				28		
VA				30		
Appalachian I	144	67	19	58	26	32
Appalachian II	191	132	23	36	25	11
Southeast	130	73	18	39	29	10
Florida	87	24	3	60	55	5
MI				30		
MN				19		
WI				35		
Lake	359	183	92	84	44	40
Cornbelt I	311	175	66	70	50	20
Cornbelt II	239	150	55	34	25	9
Delta	134	70	17	47	30	17
Northern Plains	248	144	59	45	26	19
OK				10		
TX				50		
Southern Plains	289	181	48	60	44	16
Mountain I	80	42	14	24	16	8
Mountain II	57	28	8	21	16	5
AZ				13		
NM				7		
Mountain III	58	14	24	20	15	5
OR				34		
WA				55		
Pacific	159	56	14	89	36	53
California	246	41	14	191	122	69
Hawaii	15	4	1	10	9	1
US <u>5/</u>	3,002	1,491	515	996	652	344

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.

Hours Worked and Wage Rates for All Hired Workers,  
by State, Region, and United States, October 6-12, 1991 1/

State and Region <u>2/</u>	Hours Worked <u>3/</u>			Wage Rates for All Hired Workers
	Self- Employed	Unpaid	Hired	
	--- Hours per Week ---			Dollars per Hour
NY				5.75
Other <u>4/</u>				6.91
Northeast I	45.3	37.5	39.7	6.32
PA				5.88
Other <u>4/</u>				6.59
Northeast II	46.2	37.5	40.1	6.08
NC				5.82
VA				5.03
Appalachian I	35.4	34.2	38.4	5.43
Appalachian II	27.0	28.8	33.6	5.39
Southeast	31.0	29.8	38.0	5.35
Florida	27.4	31.2	32.5	6.37
MI				6.25
MN				5.60
WI				4.77
Lake	53.5	41.2	38.9	5.52
Cornbelt I	44.0	37.4	46.1	5.79
Cornbelt II	54.3	44.6	45.0	5.41
Delta	35.8	33.3	50.8	4.73
Northern Plains	54.3	43.9	54.5	5.81
OK				5.48
TX				5.26
Southern Plains	34.3	34.9	38.6	5.31
Mountain I	43.3	44.8	49.4	5.09
Mountain II	38.3	34.0	45.4	5.53
AZ				6.00
NM				4.92
Mountain III	38.3	29.0	46.1	5.65
OR				6.11
WA				6.80
Pacific	31.9	36.5	43.3	6.56
California	29.7	31.2	43.8	6.32
Hawaii	28.7	35.1	35.4	9.15
US <u>5/</u>	41.9	38.0	42.2	5.88

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.



Wage Rates for Hired Workers by Region and United States,  
October 6-12, 1991 1/

State and Region <u>2/</u>	Type of Worker					Method of Pay		
	Field	Livestock	Field & Livestock	Super- visory	Other	Hourly	Piece Rate	Other
	Dollar per Hour							
Northeast I	6.29	5.13	5.85	8.78	9.32	6.39	6.63	6.06
Northeast II	5.81	5.10	5.66	9.35	7.38	5.76	6.47	6.23
Appalachian I	5.33	5.26	5.32	7.37	<u>3/</u>	5.32	<u>3/</u>	5.89
Appalachian II	5.11	5.28	5.17	<u>3/</u>	<u>3/</u>	5.37	<u>3/</u>	5.34
Southeast	4.87	5.38	5.02	8.91	5.80	5.10	<u>3/</u>	5.63
Florida	5.78	5.88	5.79	10.45	8.05	5.85	5.85	9.13
Lake	5.86	4.52	5.37	6.48	6.37	5.88	6.37	4.63
Cornbelt I	5.66	5.44	5.62	6.68	6.57	5.83	5.98	5.68
Cornbelt II	5.27	4.91	5.18	<u>3/</u>	5.90	5.21	<u>3/</u>	5.66
Delta	4.58	5.41	4.66	<u>3/</u>	<u>3/</u>	4.67	<u>3/</u>	4.94
Northern Plains	5.87	5.27	5.78	6.59	5.66	6.07	<u>3/</u>	5.38
Southern Plains	4.97	5.19	5.07	8.38	<u>3/</u>	5.00	<u>3/</u>	5.76
Mountain I	5.11	4.77	4.97	6.02	<u>3/</u>	5.30	<u>3/</u>	4.87
Mountain II	5.44	4.72	5.19	7.08	<u>3/</u>	5.17	<u>3/</u>	5.39
Mountain III	5.33	5.44	5.36	<u>3/</u>	<u>3/</u>	5.26	<u>3/</u>	6.22
Pacific	6.33	6.45	6.34	9.11	8.56	6.11	6.78	8.28
California	5.82	7.31	5.94	11.00	9.27	5.89	6.40	9.05
Hawaii	8.37	<u>3/</u>	8.27	14.21	<u>3/</u>	8.32	<u>3/</u>	<u>3/</u>
US <u>4/</u>	5.67	5.32	5.61	8.50	7.32	5.70	6.54	6.11

1/ Excludes Agricultural Service Workers.

2/ Region map on page 17.

3/ Insufficient Data.

4/ Excludes AK.

Workers on Farms by Region and United States,  
January 6-12, 1991 1/

Region <u>2/</u>	All Farm Workers	Self-Employed	Unpaid	Hired		
				Number of Workers	Expected to be Employed 150 Days or More	Expected to be Employed 149 Days or Less
Thousands						
Northeast I	85	39	10	36	31	5
Northeast II	122	61	29	32	25	7
Appalachian I	96	59	13	24	21	3
Appalachian II	183	132	15	36	23	13
Southeast	119	69	12	38	31	7
Florida	100	26	6	68	44	24
Lake	265	153	58	54	42	12
Cornbelt I	233	162	31	40	36	4
Cornbelt II	195	145	27	23	18	5
Delta	92	57	13	22	20	2
Northern Plains	206	138	39	29	24	5
Southern Plains	281	190	32	59	42	17
Mountain I	63	38	9	16	15	1
Mountain II	46	25	6	15	13	2
Mountain III	50	12	25	13	11	2
Pacific	78	42	6	30	23	7
California	219	50	7	162	123	39
Hawaii	13	3	1	9	8	1
US <u>3/</u>	2,446	1,401	339	706	550	156

Hours Worked and Wage Rates for All Hired Workers  
by Region and United States, January 6-12, 1991 1/

Region <u>2/</u>	Hours Worked			Wage Rates for All Hired Workers
	Self-Employed	Unpaid	Hired	
----- Hours per Week -----				Dollars per Hour
Northeast I	41.8	35.3	39.5	5.78
Northeast II	43.3	35.7	34.5	5.31
Appalachian I	24.2	32.3	37.0	5.25
Appalachian II	20.4	31.4	32.2	5.41
Southeast	24.3	29.5	32.7	5.54
Florida	18.6	27.6	36.0	6.34
Lake	40.9	32.9	40.0	5.30
Cornbelt I	28.9	27.2	36.9	6.28
Cornbelt II	34.9	34.6	36.3	5.55
Delta	24.3	28.7	36.3	5.31
Northern Plains	35.9	35.7	39.9	5.46
Southern Plains	23.8	29.0	32.7	5.20
Mountain I	36.0	35.2	43.1	5.38
Mountain II	32.3	30.8	43.8	5.70
Mountain III	28.3	36.6	46.4	5.77
Pacific	25.9	30.2	38.7	6.72
California	33.0	32.2	41.5	6.78
Hawaii	32.1	30.7	38.3	8.56
US <u>3/</u>	30.5	32.5	37.9	6.00

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

Wage Rates for Hired Workers by Region and United States,  
January 6-12, 1991 <sup>1/</sup>

Region <sup>2/</sup>	Type of Worker					Method of Pay		
	Field	Livestock	Field & Livestock	Super- visory	Other	Hourly	Piece Rate	Other
Dollars per Hour								
Northeast I	6.18	4.94	5.41	8.40	<sup>3/</sup>	5.78	<sup>3/</sup>	5.76
Northeast II	5.45	4.76	4.97	9.00	6.20	5.57	<sup>3/</sup>	4.98
Appalachian I	5.35	4.86	5.02	7.15	<sup>3/</sup>	4.89	<sup>3/</sup>	5.76
Appalachian II	4.61	5.29	5.08	8.55	7.91	4.99	<sup>3/</sup>	6.05
Southeast	5.10	5.42	5.25	9.91	7.80	5.02	6.52	6.30
Florida	5.80	5.50	5.74	10.97	9.76	5.69	5.90	7.98
Lake	6.14	4.84	4.99	6.94	6.50	5.53	<sup>3/</sup>	5.06
Cornbelt I	5.92	5.06	5.36	8.16	6.23	5.88	<sup>3/</sup>	6.53
Cornbelt II	4.78	5.71	5.43	9.14	5.31	5.39	<sup>3/</sup>	5.77
Delta	5.45	4.57	5.00	9.02	<sup>3/</sup>	4.63	<sup>3/</sup>	5.92
Northern Plains	5.44	5.29	5.31	7.47	<sup>3/</sup>	5.44	<sup>3/</sup>	5.47
Southern Plains	4.55	4.94	4.78	8.26	6.78	4.89	<sup>3/</sup>	5.44
Mountain I	5.03	5.02	5.02	6.66	<sup>3/</sup>	5.26	<sup>3/</sup>	5.52
Mountain II	5.09	5.46	5.38	7.74	5.18	5.46	<sup>3/</sup>	6.04
Mountain III	5.09	5.15	5.12	8.31	<sup>3/</sup>	5.21	<sup>3/</sup>	6.38
Pacific	6.08	6.53	6.28	10.35	6.71	6.28	<sup>3/</sup>	7.58
California	5.88	6.80	6.06	11.60	8.98	5.93	6.58	9.40
Hawaii	7.72	<sup>3/</sup>	7.69	14.58	<sup>3/</sup>	7.97	<sup>3/</sup>	12.70
US <sup>4/</sup>	5.69	5.32	5.50	9.17	7.58	5.62	6.31	6.48

- <sup>1/</sup> Excludes Agricultural Service Workers.  
<sup>2/</sup> Region map on page 17.  
<sup>3/</sup> Insufficient Data.  
<sup>4/</sup> Excludes AK.

All Hired Workers, December 8-14, 1991 1/

State	Number of Workers	Wage Rates <u>2/</u>
	Thousands	Dollars per Hour
FL	67	6.20
TX	33	5.10
NM	4	5.20
CA	110	6.70

Agricultural Service Workers, December 8-14, 1991

State	Number of Workers Working on Farms	Wage Rates <u>2/</u>
	Thousands	Dollars per Hour
FL	21.0	6.60
CA	47.0	6.40

All Hired Workers, November 10-16, 1991 1/

State	Number of Workers	Wage Rates <u>2/</u>
	Thousands	Dollars per Hour
FL	77	6.05
TX	38	4.72
NM	5	4.43
CA	150	6.31

Agricultural Service Workers, November 10-16, 1991

State	Number of Workers Working on Farms	Wage Rates <u>2/</u>
	Thousands	Dollars per Hour
FL	10.0	6.30
CA	41.0	6.13

1/ Excludes Agricultural Service Workers.

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

Wage Rates of Field and Livestock Workers Combined,  
By Type of Farm 1/

Regions <u>2/</u>	January 6-12, 1991				January 12-18, 1992			
	Field: Crops:	Other: Crops:	L'STK &: Poultry:	All Farms:	Field: Crops:	Other: Crops:	L'STK &: Poultry:	All Farms:
	Dollars per Hour							
Northeast	5.41	5.89	4.93	5.22	5.97	7.06	4.97	5.72
Appalachian	4.27	5.37	5.22	5.05	4.85	5.89	5.48	5.48
Southeast	4.77	5.74	5.63	5.55	5.76	5.78	5.75	5.77
Lake	6.03	5.81	4.80	4.99	5.64	5.74	4.68	5.04
Cornbelt	5.32	5.81	5.38	5.39	6.07	6.79	5.99	6.18
Delta	5.01	5.74	4.71	5.00	5.47	5.45	5.06	5.37
Northern Plains	5.88	5.21	5.22	5.31	6.11	5.35	5.69	5.80
Southern Plains	4.92	4.16	4.95	4.78	5.28	4.83	4.83	4.93
Mountain	5.72	5.08	5.04	5.17	5.82	6.26	5.43	5.77
Pacific	5.89	5.85	6.84	6.09	6.89	6.02	7.12	6.30
48 States	5.24	5.73	5.36	5.47	5.85	6.00	5.56	5.81

Wage Rates of All Hired Workers  
by Economic Class of Farm 1/

Regions <u>2/</u>	January 6-12, 1991				January 12-18, 1992					
	Gross Value Sales-\$1000's				Gross Value Sales-\$1000's					
	<40:	40-99:	100-249:	250+: Farms:	<40:	40-99:	100-249:	250+: Farms:		
	Dollars per Hour									
N. East	4.76	4.94	5.09	6.20	5.57	6.81	4.75	4.70	7.56	6.47
Appal.	5.00	4.84	4.93	5.76	5.34	4.88	5.53	5.27	6.34	5.77
S. East	4.40	6.59	5.59	6.17	6.05	5.82	5.72	5.73	6.32	6.23
Lake	5.12	5.44	4.17	6.31	5.30	5.07	4.56	5.05	6.15	5.75
Cornbelt	3.97	5.35	4.72	7.01	6.01	6.15	6.02	5.58	7.07	6.46
Delta	4.40	5.03	4.76	5.93	5.31	5.37	6.02	5.60	6.06	5.74
N. Plains:	5.52	4.46	5.15	5.86	5.46	5.27	5.84	5.97	6.29	6.15
S. Plains:	4.97	5.12	4.97	5.45	5.20	4.96	4.99	5.17	5.53	5.31
Mountain	5.35	5.69	4.74	6.05	5.60	4.52	5.28	5.56	6.51	6.16
Pacific	5.98	6.55	6.01	6.92	6.77	6.62	6.41	6.22	7.08	6.96
48 States:	5.03	5.54	4.99	6.46	5.97	5.72	5.50	5.47	6.67	6.33

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.

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

Type of Farm	January 6-12, 1991	October 6-12, 1991	January 12-18, 1992
	Percent of Field and Livestock Workers <u>2/</u> <u>3/</u>		
Field Crops	16	28	16
Other Crops	36	46	48
Livestock, Dairy, & Poultry	48	26	36
	100.0	100.0	100.0

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

Gross Value of Sales	January 6-12, 1991	October 6-12, 1991	January 12-18, 1992
	Percent of Hired Workers <u>3/</u>		
Less than \$40,000	13	10	9
\$40,000-\$99,999	13	11	9
\$100,000-\$249,999	18	19	16
\$250,000 and over	56	60	66
	100.0	100.0	100.0

1/ 48 States, excluding AK and HI.

2/ Field and Livestock Workers combined.

3/ Excludes Agricultural Service Workers.

Distribution of Hired Workers on Farms, United States 1/ 2/

Category	: January 6-12, : 1991	: October 6-12, : 1991	: January 12-18, : 1992
	Percent of Hired Workers		
Employed on Farms Hiring:			
1 Worker	17	13	14
2 Workers	15	9	11
3-6 Workers	24	18	20
7-10 Workers	7	10	8
At least 11 Workers	37	50	47
	100.0	100.0	100.0
Payment Method:			
Hourly	58	68	59
Piece-Rate	6	11	10
Other Methods	36	21	31
	100.0	100.0	100.0
Benefits: <u>3/</u>			
Housing and Meals	6	5	5
Housing (no Meals)	15	13	14
Meals (no Housing)	4	4	3
Bonus	4	4	6
Other Benefits	16	11	16
Wages Only	55	63	56
	100.0	100.0	100.0

1/ Excludes Agricultural Service Workers.

2/ Excludes AK.

3/ Benefits are in priority from highest to lowest. Each worker is counted one time in the highest category, even though benefits in a lower category may be received. Housing and meals is comparable to room and board used in previous reports. Other benefits include transportation, life and health insurance, utilities, etc.

### Agricultural Services

Crew leaders and custom crews provided 123,000 workers for the Nation's farms and ranches during the week of January 12-18, 1992. Service workers in California numbered 30,000 compared with 57,000 during the January 1991 survey week. Florida's number of service workers was 13,000, up from last January's 11,000.

The average wages received by agricultural service workers in California and Florida were \$5.75 and \$6.38 per hour, respectively. Comparable wages in January 1991 were \$5.90 in California and \$6.60 in Florida.

Agricultural Services for California, Florida, and United States  
Workers, Hours Worked, and Wage Rates 1/

Item	: January 6-12, 1991			: Oct 6-12, 1991			: January 12-18, 1992		
	: CA	: FL	: US	: CA	: FL	: US	: CA	: FL	: US
	: Thousands								
Number of Workers Working on Farms	: 57.0	: 11.0	: 168.0	: 52.0	: 5.7	: 287.0	: 30.0	: 13.0	: 123.0
	: Hours <u>2/</u>								
Hours Worked	: 34.2	: 34.2	: -	: 35.4	: 29.3	: -	: 39.7	: 29.0	: -
	: Dollars per Hour <u>2/</u>								
Wage Rates <u>3/</u>	: 5.90	: 6.60	: -	: 6.16	: 5.86	: -	: 5.75	: 6.38	: -
Method of Pay									
Hourly	: 5.47	: 5.32	: -	: 5.41	: 5.95	: -	: 5.26	: 5.70	: -
Piece-Rate	: 6.38	: 6.68	: -	: 7.57	: 5.50	: -	: 6.56	: 6.48	: -
Type of Work									
Field	: 5.65	: 6.21	: -	: 5.93	: 5.50	: -	: 5.49	: 6.10	: -

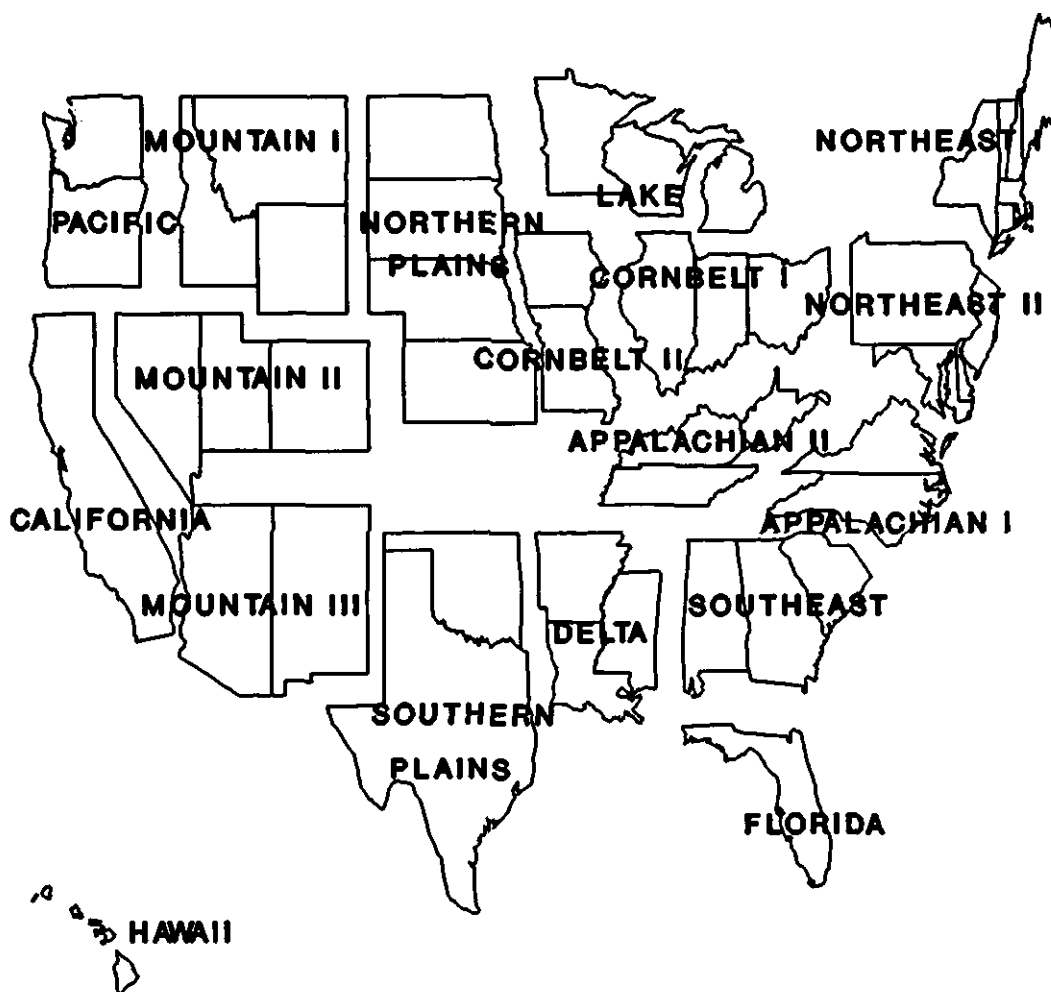
1/ Data are for Agricultural Services performed on the farm by custom service units such as crew leaders or custom crews. These statistics are not included in the State-Regional tables.

2/ United States data not available.

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



## Farm Labor Regions



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

## Farm Labor

### 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 12-18, 1992.

**Reliability:** Two types of errors, sampling and nonsampling, are possible in an estimate based on a sample survey. Both types affect the "precision" of the estimates.

Sampling error occurs because a complete census is not taken. The sampling error measures the variation in estimates from the average of all possible samples. An estimate of 100 with a sampling error of 1 would mean that chances are 19 out of 20 that the estimates from all possible samples averaged together would be between 98 and 102; which is the survey estimate, plus or minus two times the sampling error. The sampling error expressed as a percent of the estimate is called the relative sampling error. The relative sampling error for number of all non-salaried workers at the U.S. level was about 2 percent and about 5 percent for all hired workers. The relative sampling error for number of hired workers generally ranged between 10 and 20 percent at the regional and published State level. The U.S. all hired farm worker wage rate had a relative sampling error of 1.4 percent. The relative sampling error was 1.3 percent for hourly paid workers and was 0.9 percent for the combined field and livestock worker wage rate. Relative sampling errors for the all hired farm worker wage rate generally ranged between 2 and 5 percent at the regional and published State levels. Relative sampling errors for wage rates published by type of farm and economic class of farm ranged between 2 and 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 January, October, and December of 1991 were subject to revision with this report. No revisions were made but previous data are reprinted in this report for your information.

The next "Farm Labor" report will be released at 3:00 p.m. ET on March 13, 1992.

The March 13th report will have information for the survey week of February 9-15, 1992. The report will include number of All Hired Workers and the All Hired Worker Wage Rates for the monthly States. The monthly States are California, Florida, New Mexico, and Texas. No regional or U.S. level information will be included. The number of Agricultural Service Workers and the corresponding All Hired Service Worker Wage Rate will be published for California and Florida.

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