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# FARM LABOR



National  
Agricultural  
Statistics  
Service

United States  
Department of  
Agriculture

Agricultural  
Statistics  
Board

Washington, D.C.

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## JANUARY FARM WAGES AVERAGED \$6.00 PER HOUR

There were 2.61 million people working on the Nation's farms and ranches during the week of January 6-12, 1991, according to the Agricultural Statistics Board. Self-employed farm operators accounted for 1.40 million of the total, along with 339,000 unpaid workers, and 706,000 workers hired directly by farm operators. Agricultural service employees working on farms and ranches made up the remaining 168,000 workers.

Farm operators paid their hired workers an average wage of \$6.00 per hour during the January 1991 survey week. This rate was up 30 cents from a year earlier. Workers paid on an hourly basis earned \$5.62 per hour compared with \$5.30 last January. Field workers received an average of \$5.69 per hour, up 35 cents from the January 1990 survey week. Livestock workers earned \$5.32 compared with \$4.99 per hour a year earlier.

Self-employed farm operators worked an average of 30.5 hours, 0.1 hour less than the comparable week in 1990. Unpaid workers averaged 32.5 hours, 0.2 hours above last year. Hired employees worked 37.9 hours, the same number of hours as last January.

Benefits, such as housing and meals, were provided to 45 percent of the hired workers during the survey week. This compares with 46 percent during the January 1990 survey week. Six percent of the workers received both housing and meals, and another 15 percent received housing, but no meals.

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\* The next issue of this report will be published \*  
\* May 14, 1991. \*  
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## FARM ACTIVITIES DURING SURVEY WEEK

Rain and above normal temperatures dominated the weather in the Delta and most of the East during the farm labor survey week of January 6-12, 1991. Rains were especially heavy from eastern Texas to the Florida Panhandle. Mostly dry weather prevailed in the rest of the Nation except in the Pacific Northwest which received heavy rains late in the week. Rain slowed pecan harvest in eastern Texas. Vegetable harvests continued in the Rio Grande Valley and San Antonio-Winter Garden areas. In California, producers harvested desert grapefruit, lemons, dates, and vegetables. Some Naval oranges were being selectively picked after the freeze. Early and mid-season orange harvests were active in Florida. Winter vegetable harvests were gaining momentum. Mixed vegetable and citrus harvests continued in Arizona.

## SOURCE AND RELIABILITY OF ESTIMATES

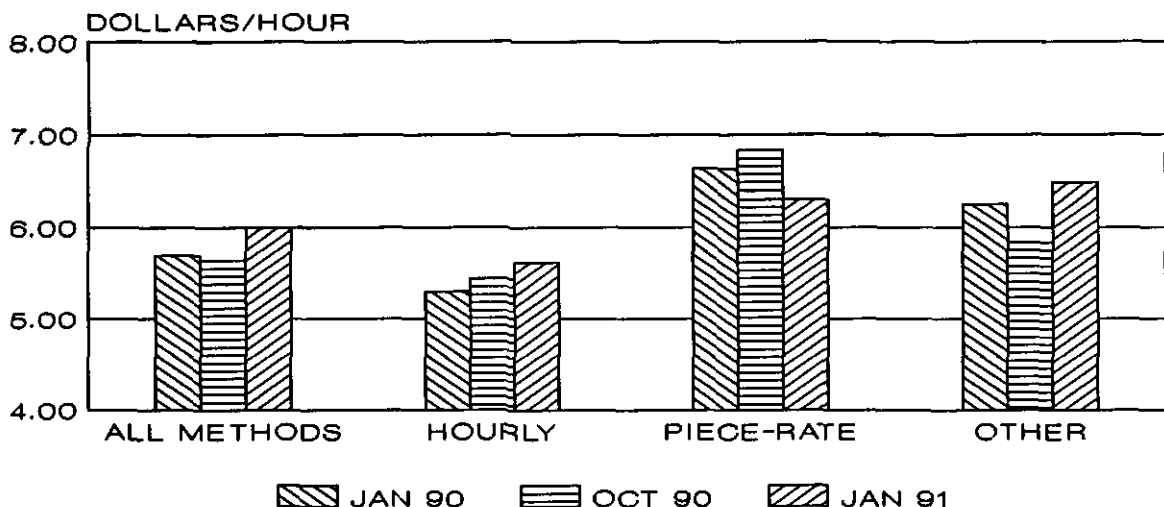
The estimates of agricultural labor are based on multiple frame probability surveys. The surveys utilize two sampling frames -- a list frame and an area frame. The list sample is a stratified random sample of producers likely to have hired farm workers. A probability sample from the area frame is used to estimate for any employers not on the list. The multiple frame approach assures all employers are represented by the combined samples.

Standard error, or relative sampling error, is a statistical measure of the variation that occurs by chance because of sampling. The true value is expected to be within the range of two standard errors below to two standard errors above the survey indication nineteen times out of twenty.

At the U.S. level, the number of all non-salaried workers and hired workers had relative sampling errors of 2.1 and 4.3 percent, respectively. Relative errors at the regional level for hired workers generally ranged between 10 and 20 percent. The all hired farm worker wage rate had a relative sampling error of 1.3 percent at the U.S. level. The relative sampling error for hourly paid workers was 1.2 percent and was 1.1 percent for the combined field and livestock worker wage rate.

Sampling errors for wage rates published by type of farm and economic class of farm ranged between 4.0 and 6.0 percent at the regional level.

## U.S. WAGE RATES BY METHOD OF PAY



FARM LABOR: EMPLOYMENT, WAGE RATES AND INDEXES, UNITED STATES

FARM EMPLOYMENT	: JAN 7-13, : 1990	: OCT 7-13, : 1990	: JAN 6-12, : 1991
		THOUSANDS	
FARM WORKERS	2,447	3,022	2,446
SELF-EMPLOYED	1,430	1,559	1,401
UNPAID	322	528	339
HIRED	695	935	706
EXPECTED TO BE EMPLOYED			
150 DAYS OR MORE	553	648	550
149 DAYS OR LESS	142	287	156
AGRICULTURAL SERVICES WORKERS WORKING ON FARMS	143	296	168
TOTAL FARM & SERVICE WORKERS	2,590	3,318	2,614
INDEX - 1977=100			
ALL FARM WORKERS	76	72	77
HIRED WORKERS	83	68	84
		DOLLARS PER HOUR	
WAGE RATES FOR ALL HIRED WORKERS 1/ 2/	5.70	5.64	6.00
METHOD OF PAY			
HOURLY	5.30	5.44	5.62
PIECE-RATE	6.63	6.83	6.31
OTHER	6.26	5.84	6.48
TYPE OF WORKER			
FIELD & LIVESTOCK COMBINED	5.18	5.30	5.50
FIELD	5.34	5.41	5.69
LIVESTOCK	4.99	5.00	5.32
SUPERVISORY	9.13	8.52	9.17
OTHER	7.42	7.14	7.58
INDEX - 1977=100			
ALL HIRED WORKERS	193	186	204

- 1/ BENEFITS, SUCH AS HOUSING AND MEALS, ARE PROVIDED SOME WORKERS BUT THE VALUES ARE NOT INCLUDED IN THE WAGE RATES.  
 2/ EXCLUDES AGRICULTURAL SERVICE WORKERS.

WORKERS ON FARMS, JANUARY 6-12, 1991 1/

STATE AND REGION 2/	ALL FARM WORKERS	SELF- EMPLOYED	UNPAID	HIRED		
				NUMBER OF WORKERS	EXPECTED TO BE EMPLOYED 150 DAYS OR MORE	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
U. S.	2,446	1,401	339	706	550	156

HOURS WORKED PER WEEK AND WAGE RATES FOR ALL HIRED WORKERS,  
JANUARY 6-12, 1991 1/

STATE AND REGION 2/	HOURS WORKED			WAGE RATES FOR ALL HIRED WORKERS
	SELF- EMPLOYED	UNPAID	HIRED	
HOURS				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
U. S.	30.5	32.5	37.9	6.00

WAGE RATES FOR HIRED WORKERS, JANUARY 6-12, 1991 1/

STATE AND REGION 2/	TYPE OF WORKER					METHOD OF PAY		
	FIELD	LIVESTOCK	LIVESTOCK	SUPERVISORY	OTHER	HOURLY	PIECE RATE	OTHER
DOLLARS PER HOUR								
NORTHEAST I	6.18	4.94	5.41	8.40	3/	5.78	3/	5.76
NORTHEAST II	5.45	4.76	4.97	9.00	6.20	5.57	3/	4.98
APPALACHIAN I	5.35	4.86	5.02	7.15	3/	4.89	3/	5.76
APPALACHIAN II	4.61	5.29	5.08	8.55	7.91	4.99	3/	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	3/	5.06
CORNBELT I	5.92	5.06	5.36	8.16	6.23	5.88	3/	6.53
CORNBELT II	4.78	5.71	5.43	9.14	5.31	5.39	3/	5.77
DELTA	5.45	4.57	5.00	9.02	3/	4.63	3/	5.92
NORTHERN PLAINS	5.44	5.29	5.31	7.47	3/	5.44	3/	5.47
SOUTHERN PLAINS	4.55	4.94	4.78	8.26	6.78	4.89	3/	5.44
MOUNTAIN I	5.03	5.02	5.02	6.66	3/	5.26	3/	5.52
MOUNTAIN II	5.09	5.46	5.38	7.74	5.18	5.46	3/	6.04
MOUNTAIN III	5.09	5.15	5.12	8.31	3/	5.21	3/	6.38
PACIFIC	6.08	6.53	6.28	10.35	6.71	6.28	3/	7.58
CALIFORNIA	5.88	6.80	6.06	11.60	8.98	5.93	6.58	9.40
HAWAII	7.72	3/	7.69	14.58	3/	7.97	3/	12.70
U. S.	5.69	5.32	5.50	9.17	7.58	5.62	6.31	6.48

1/ EXCLUDES AGRICULTURAL SERVICE WORKERS.

2/ REGIONS CONSIST OF THE FOLLOWING:

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.

3/ INSUFFICIENT DATA.

WORKERS ON FARMS, OCTOBER 7-13, 1990 1/

STATE AND REGION 2/	ALL FARM WORKERS	SELF-EMPLOYED	UNPAID	HIRED		
				NUMBER OF WORKERS	EXPECTED TO BE EMPLOYED 150 DAYS OR MORE	149 DAYS OR LESS
THOUSANDS						
NORTHEAST I	112	44	16	52	36	16
NORTHEAST II	139	66	31	42	32	10
APPALACHIAN I	131	69	20	42	28	14
APPALACHIAN II	231	145	36	50	24	26
SOUTHEAST	115	75	12	28	21	7
FLORIDA	76	24	4	48	45	3
LAKE	335	177	81	77	46	31
CORNBELT I	326	201	64	61	40	21
CORNBELT II	262	156	65	41	27	14
DELTA	130	71	16	43	32	11
NORTHERN PLAINS:	254	150	65	39	25	14
SOUTHERN PLAINS:	300	187	48	65	51	14
MOUNTAIN I	87	41	13	33	20	13
MOUNTAIN II	61	25	8	28	21	7
MOUNTAIN III	54	11	26	17	15	2
PACIFIC	138	52	13	73	35	38
CALIFORNIA	257	62	9	186	141	45
HAWAII	14	3	1	10	9	1
U. S.	3,022	1,559	528	935	648	287

HOURS WORKED PER WEEK AND WAGE RATES FOR ALL HIRED WORKERS, OCTOBER 7-13, 1990 1/

STATE AND REGION 2/	HOURS WORKED			WAGE RATES FOR ALL HIRED WORKERS
	SELF-EMPLOYED	UNPAID	HIRED	
HOURS				DOLLARS PER HOUR
NORTHEAST I	42.9	39.2	39.9	5.58
NORTHEAST II	39.6	40.3	41.0	5.51
APPALACHIAN I	35.2	35.3	36.4	4.73
APPALACHIAN II	27.1	30.2	30.0	4.94
SOUTHEAST	27.3	26.8	37.8	5.16
FLORIDA	24.0	32.5	36.7	6.28
LAKE	53.3	42.0	37.8	5.25
CORNBELT I	39.0	36.2	37.3	5.68
CORNBELT II	48.6	37.5	41.8	5.15
DELTA	35.4	34.9	45.7	4.59
NORTHERN PLAINS:	55.0	43.2	48.6	5.45
SOUTHERN PLAINS:	33.5	31.3	41.7	5.04
MOUNTAIN I	46.2	42.0	53.5	4.96
MOUNTAIN II	45.7	35.3	49.9	5.45
MOUNTAIN III	38.5	38.6	49.4	5.45
PACIFIC	31.0	31.2	42.5	6.44
CALIFORNIA	30.0	42.0	43.2	6.27
HAWAII	32.9	29.9	38.8	8.64
U. S.	40.0	37.5	41.3	5.64

WAGE RATES FOR HIRED WORKERS, OCTOBER 7-13, 1990 1/

STATE AND REGION 2/	TYPE OF WORKER					METHOD OF PAY		
	FIELD	LIVESTOCK	LIVESTOCK	VISORY	OTHER	HOURLY	PIECE RATE	OTHER
DOLLARS PER HOUR								
NORTHEAST I	6.17	4.50	5.41	7.05	3/	5.83	7.34	4.85
NORTHEAST II	5.45	4.54	5.16	8.20	5.69	5.62	6.52	5.08
APPALACHIAN I	4.59	4.39	4.52	7.39	3/	4.68	3/	4.88
APPALACHIAN II	4.43	4.79	4.58	7.69	6.94	4.61	3/	5.41
SOUTHEAST	4.97	4.63	4.83	8.94	3/	5.15	6.68	4.82
FLORIDA	5.68	5.48	5.64	10.35	8.98	5.76	6.14	7.92
LAKE	5.21	4.61	4.97	7.29	7.13	5.52	5.94	4.65
CORNBELT I	5.29	5.16	5.25	7.74	6.59	5.49	3/	6.05
CORNBELT II	4.78	5.20	4.95	7.10	3/	5.20	3/	5.05
DELTA	4.33	4.66	4.39	7.86	3/	4.29	3/	5.47
NORTHERN PLAINS	5.40	5.00	5.28	7.54	3/	5.85	3/	4.97
SOUTHERN PLAINS	4.74	4.78	4.76	7.65	6.50	4.72	3/	5.44
MOUNTAIN I	5.06	4.47	4.92	5.52	3/	5.15	3/	4.67
MOUNTAIN II	5.24	5.04	5.17	7.27	3/	5.61	3/	5.16
MOUNTAIN III	5.04	4.90	4.98	7.64	6.72	5.24	3/	5.74
PACIFIC	6.37	5.87	6.28	9.05	6.28	5.86	6.83	7.85
CALIFORNIA	5.67	6.50	5.75	10.30	8.80	5.69	7.36	8.62
HAWAII	8.02	3/	7.89	13.54	3/	8.04	3/	11.40
U. S.	5.41	5.00	5.30	8.52	7.14	5.44	6.83	5.84

1/ EXCLUDES AGRICULTURAL SERVICE WORKERS.

2/ REGIONS CONSIST OF THE FOLLOWING:

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.

3/ INSUFFICIENT DATA.

WORKERS ON FARMS, JANUARY 7-13, 1990 1/

STATE AND REGION 2/	ALL FARM WORKERS	SELF-EMPLOYED	UNPAID	HIRED		
				NUMBER OF WORKERS	EXPECTED TO BE EMPLOYED 150 DAYS OR MORE	149 DAYS OR LESS
THOUSANDS						
NORTHEAST I	97	42	14	41	35	6
NORTHEAST II	106	54	21	31	24	7
APPALACHIAN I	108	71	13	24	20	4
APPALACHIAN II	197	142	16	39	24	15
SOUTHEAST	136	81	12	43	37	6
FLORIDA	90	19	6	65	50	15
LAKE	275	165	59	51	46	5
CORNBELT I	222	156	32	34	28	6
CORNBELT II	187	142	24	21	17	4
DELTA	114	71	11	32	28	4
NORTHERN PLAINS	191	134	28	29	23	6
SOUTHERN PLAINS	250	170	32	48	39	9
MOUNTAIN I	59	35	9	15	13	2
MOUNTAIN II	41	19	5	17	14	3
MOUNTAIN III	49	11	24	14	12	2
PACIFIC	108	65	7	36	28	8
CALIFORNIA	205	51	8	146	107	39
HAWAII	12	2	1	9	8	1
U. S.	2,447	1,430	322	695	553	142

HOURS WORKED PER WEEK AND WAGE RATES FOR ALL HIRED WORKERS, JANUARY 7-13, 1990 1/

STATE AND REGION 2/	HOURS WORKED			WAGE RATES FOR ALL HIRED WORKERS
	SELF-EMPLOYED	UNPAID	HIRED	
HOURS				DOLLARS PER HOUR
NORTHEAST I	39.7	39.3	40.4	5.58
NORTHEAST II	38.7	34.3	43.1	4.59
APPALACHIAN I	25.4	30.1	39.3	4.75
APPALACHIAN II	22.0	28.7	31.6	4.79
SOUTHEAST	23.1	32.9	37.3	4.91
FLORIDA	30.9	34.6	35.1	5.94
LAKE	41.8	35.8	35.8	5.33
CORNBELT I	29.5	30.1	32.8	5.64
CORNBELT II	36.1	31.6	32.5	5.61
DELTA	22.0	31.8	35.7	5.18
NORTHERN PLAINS	34.4	33.9	41.4	5.89
SOUTHERN PLAINS	27.1	27.2	40.4	5.25
MOUNTAIN I	32.3	29.3	42.6	4.91
MOUNTAIN II	38.7	33.1	38.6	5.40
MOUNTAIN III	33.7	29.3	46.4	5.51
PACIFIC	21.4	29.4	37.8	6.69
CALIFORNIA	28.7	36.7	39.3	6.57
HAWAII	33.5	31.0	37.8	8.50
U. S.	30.6	32.3	37.9	5.70



WAGE RATES FOR HIRED WORKERS, JANUARY 7-13, 1990 1/

STATE AND REGION 2/	TYPE OF WORKER						METHOD OF PAY	
	FIELD	LIVESTOCK	LIVESTOCK	VISORY	OTHER	HOURLY	PIECE RATE	OTHER
DOLLARS PER HOUR								
NORTHEAST I	6.04	4.32	5.04	8.00	8.09	5.60	3/	5.48
NORTHEAST II	4.66	3.93	4.19	6.95	6.35	5.10	3/	4.09
APPALACHIAN I	4.44	4.54	4.51	6.62	3/	4.56	3/	4.95
APPALACHIAN II	4.19	4.61	4.44	8.33	6.58	4.40	5.67	6.13
SOUTHEAST	4.10	5.02	4.41	10.23	6.04	4.48	3/	6.24
FLORIDA	5.19	5.57	5.22	10.66	9.00	5.20	6.21	8.63
LAKE	6.65	4.48	4.93	8.30	8.33	5.65	3/	4.81
CORNBELT I	5.45	4.86	5.16	7.86	6.54	5.34	3/	6.33
CORNBELT II	5.14	5.24	5.21	8.61	3/	4.97	3/	6.40
DELTA	4.91	4.22	4.54	8.07	3/	4.58	8.43	5.61
NORTHERN PLAINS	5.30	5.72	5.64	8.01	6.21	5.64	3/	6.04
SOUTHERN PLAINS	4.56	4.69	4.63	9.23	6.17	4.54	3/	5.76
MOUNTAIN I	5.04	4.68	4.73	5.71	4.70	4.94	3/	4.90
MOUNTAIN II	4.90	5.16	5.07	7.01	3/	4.74	3/	5.85
MOUNTAIN III	4.96	5.20	5.04	8.92	7.87	4.99	3/	6.15
PACIFIC	6.09	6.44	6.19	9.82	7.54	6.16	7.14	7.62
CALIFORNIA	5.73	6.60	5.91	11.25	9.28	5.79	6.65	8.64
HAWAII	7.72	3/	7.68	13.57	8.72	7.77	7.26	12.52
U. S.	5.34	4.99	5.18	9.13	7.42	5.30	6.63	6.26

1/ EXCLUDES AGRICULTURAL SERVICE WORKERS.

2/ REGIONS CONSIST OF THE FOLLOWING:

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.

3/ INSUFFICIENT DATA.

WAGE RATES OF FIELD AND LIVESTOCK WORKERS, BY TYPE OF FARM 1/

REGIONS 2/	JAN 7-13, 1990				JAN 6-12, 1991			
	FIELD: CROPS:	OTHER: CROPS:	L'STK &: POULTRY:	ALL FARMS:	FIELD: CROPS:	OTHER: CROPS:	L'STK &: POULTRY:	ALL FARMS:
	DOLLARS PER HOUR							
NORTHEAST	5.44	5.71	4.16	4.72	5.41	5.89	4.93	5.22
APPALACHIAN	4.45	4.48	4.48	4.47	4.27	5.37	5.22	5.05
SOUTHEAST	4.07	4.98	5.08	4.81	4.77	5.74	5.63	5.55
LAKE	6.82	7.67	4.49	4.93	6.03	5.81	4.80	4.99
CORNBELT	5.77	4.59	4.94	5.18	5.32	5.81	5.38	5.39
DELTA	4.94	5.70	4.12	4.54	5.01	5.74	4.71	5.00
NORTHERN PLAINS	5.96	4.04	5.59	5.64	5.88	5.21	5.22	5.31
SOUTHERN PLAINS	4.58	4.17	4.76	4.63	4.92	4.16	4.95	4.78
MOUNTAIN	4.94	4.76	5.03	4.96	5.72	5.08	5.04	5.17
PACIFIC	5.87	5.76	6.62	5.96	5.89	5.85	6.84	6.09
48 STATES	5.03	5.45	4.95	5.14	5.24	5.73	5.36	5.47

1/ FIELD AND LIVESTOCK WORKERS COMBINED. EXCLUDES AGRICULTURAL SERVICE WORKERS.

WAGE RATES OF ALL HIRED WORKERS, BY ECONOMIC CLASS OF FARM 1/

REGIONS 2/	JAN 7-13, 1990				JAN 6-12, 1991					
	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	4.65	4.20	4.04	6.04	5.21	4.76	4.94	5.09	6.20	5.57
APPAL.	4.51	4.37	4.41	5.25	4.77	5.00	4.84	4.93	5.76	5.34
S. EAST	3.90	4.45	5.18	5.84	5.42	4.40	6.59	5.59	6.17	6.05
LAKE	7.93	4.67	3.99	6.26	5.33	5.12	5.44	4.17	6.31	5.30
CORNBELT	4.33	5.42	4.93	6.26	5.63	3.97	5.35	4.72	7.01	6.01
DELTA	4.49	5.59	4.70	5.24	5.18	4.40	5.03	4.76	5.93	5.31
N. PLAINS:	4.67	4.81	5.15	6.50	5.89	5.52	4.46	5.15	5.86	5.46
S. PLAINS:	4.94	4.92	5.35	5.49	5.25	4.97	5.12	4.97	5.45	5.20
MOUNTAIN	5.02	5.12	4.75	5.52	5.28	5.35	5.69	4.74	6.05	5.60
PACIFIC	7.68	6.28	6.29	6.59	6.59	5.98	6.55	6.01	6.92	6.77
48 STATES:	5.35	4.97	4.88	6.10	5.66	5.03	5.54	4.99	6.46	5.97

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	JAN 7-13, 1990	OCT 7-13, 1990	JAN 6-12, 1991
	PERCENT OF FIELD AND LIVESTOCK WORKERS 2/		
FIELD CROPS	19	30	16
OTHER CROPS	36	39	36
LIVESTOCK, DAIRY, & POULTRY	45	31	48
	100.0	100.0	100.0

1/ 48 STATES, EXCLUDING AK AND HI.

2/ FIELD AND LIVESTOCK WORKERS COMBINED. EXCLUDES AGRICULTURAL SERVICE WORKERS.

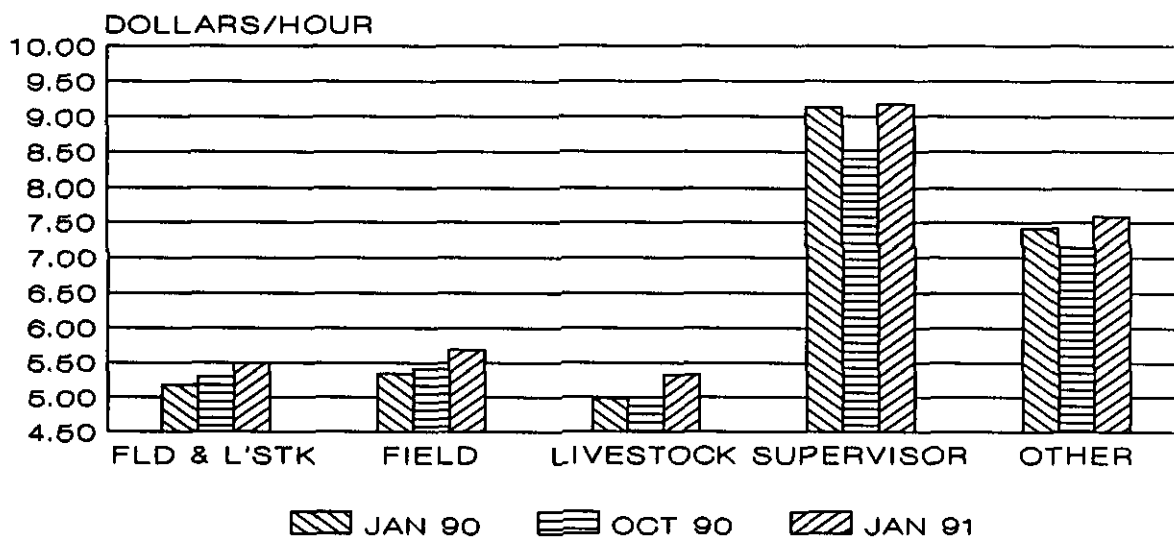
DISTRIBUTION OF HIRED WORKERS, BY ECONOMIC CLASS OF FARM, 48 STATES 1/

GROSS VALUE OF SALES	JAN 7-13, 1990	OCT 7-13, 1990	JAN 6-12, 1991
	PERCENT OF HIRED WORKERS 2/		
LESS THAN \$40,000	11	11	13
\$40,000-\$99,999	15	13	13
\$100,000-\$249,999	19	23	18
\$250,000 AND OVER	55	53	56
	100.0	100.0	100.0

1/ 48 STATES, EXCLUDING AK AND HI.

2/ EXCLUDES AGRICULTURAL SERVICE WORKERS.

U.S. WAGE RATES BY TYPE OF WORKER



DISTRIBUTION OF HIRED WORKERS ON FARMS, UNITED STATES 1/

CATEGORY	: JAN 7-13, : 1990	: OCT 7-13, : 1990	: JAN 6-12, : 1991
	PERCENT OF HIRED WORKERS		
EMPLOYED ON FARMS HIRING:			
1 WORKER	16	14	17
2 WORKERS	14	11	15
3-6 WORKERS	26	23	24
7-10 WORKERS	9	8	7
11 AND OVER WORKERS	35	44	37
	100.0	100.0	100.0
PAYMENT METHOD:			
HOURLY	64	68	58
PIECE-RATE	5	7	6
OTHER METHODS	31	25	36
	100.0	100.0	100.0
BENEFITS: 2/			
HOUSING AND MEALS	7	5	6
HOUSING (NO MEALS)	16	14	15
MEALS (NO HOUSING)	3	4	4
BONUS	6	5	4
OTHER BENEFITS	14	14	16
WAGES ONLY	54	58	55
	100.0	100.0	100.0

1/ EXCLUDES AGRICULTURAL SERVICE WORKERS.

2/ 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 168,000 workers for the Nation's farms and ranches during the week of January 6-12, 1991. Service workers in California numbered 57,000 compared with 45,000 during the January 1990 survey week. Florida's number increased to 11,000 this year from 10,000 service workers last January.

The average wages received by agricultural service workers in California and Florida were \$5.90 and \$6.60 per hour, respectively. Comparable wages in January 1990 were \$6.20 in California and \$6.23 in Florida.

### AGRICULTURAL SERVICES: WORKERS, HOURS WORKED, AND WAGE RATES 1/

ITEM	: JAN 7-13, 1990			: OCT 7-13, 1990			: JAN 6-12, 1991		
	: CA	: FL	: US	: CA	: FL	: US	: CA	: FL	: US
	: THOUSANDS								
NUMBER OF WORKERS WORKING ON FARMS	: 45.0	: 10.0	: 143.0	: 68.0	: 4.5	: 296.0	: 57.0	: 11.0	: 168.0
	: HOURS 2/								
HOURS WORKED	: 34.6	: 36.8	: -	: 34.5	: 30.5	: -	: 34.2	: 34.2	: -
	: DOLLARS PER HOUR 2/								
WAGE RATES 3/	: 6.20	: 6.23	: -	: 6.69	: 6.24	: -	: 5.90	: 6.60	: -
METHOD OF PAY									
HOURLY	: 5.63	: 5.10	: -	: 5.97	: 5.91	: -	: 5.47	: 5.32	: -
PIECE-RATE	: 6.65	: 6.26	: -	: 7.98	: 6.07	: -	: 6.38	: 6.68	: -
TYPE OF WORK									
FIELD	: 5.86	: 5.80	: -	: 6.42	: 5.64	: -	: 5.65	: 6.21	: -

- 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.