
Farm Labor



National
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Agricultural
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Board

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JANUARY FARM WAGES AVERAGED \$5.70 PER HOUR

There were 2.59 million people working on the Nation's farms and ranches during the week of January 7-13, 1990, according to the Agricultural Statistics Board. Self-employed farm operators accounted for 1.43 million of the total, along with 322,000 unpaid workers, and 690,000 workers hired directly by farm operators. Agricultural service employees working on farms and ranches made up the remaining 143,000 workers.

Farm operators paid their hired workers an average wage of \$5.70 per hour during the January 1990 survey week. This rate was up 19 cents from a year earlier. Workers paid on an hourly basis earned \$5.30 per hour compared with \$5.14 last January. Field workers received an average of \$5.34 per hour, up 1 cent from the January 1989 week. Livestock workers earned \$4.99 compared with \$4.83 per hour a year earlier.

Self-employed farm operators worked an average of 30.6 hours, 2.2 hours less than the comparable week in 1989. Unpaid workers averaged 32.3 hours, 0.5 hours below 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 46 percent of the hired workers during the survey week. This compares with 53 percent during the January 1989 survey week. Seven percent of the workers received both housing and meals, and another 16 percent received housing, but no meals.

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* The next issue of this report will be published *
* May 11, 1990. *

FARM ACTIVITIES DURING SURVEY WEEK

Mostly dry weather and above-normal temperatures prevailed across the Nation during the farm labor survey week of January 7-13, 1990. A storm system caused flooding in parts of the Pacific Northwest. Some rain also fell in the Delta and Southeast. There was heavy citrus fruit drop in Florida's north and central districts and salvage harvest was at a peak. Meanwhile, a fair volume of cabbage, carrots, and strawberries was harvested in Florida. In Arizona, harvest and packing of lemons, oranges, grapefruit, and tangerines continued. Valencia harvest began in western Arizona. California artichokes were in moderate supply, while broccoli supplies were light to moderate.

SOURCE AND RELIABILITY OF ESTIMATES

Changes in farm labor survey procedures were made which increased coverage of farms with annual gross value of sales less than \$10,000. This increased the number of self-employed farm operators. The change had minimal effect on number of hired workers which are mostly employed by larger farms.

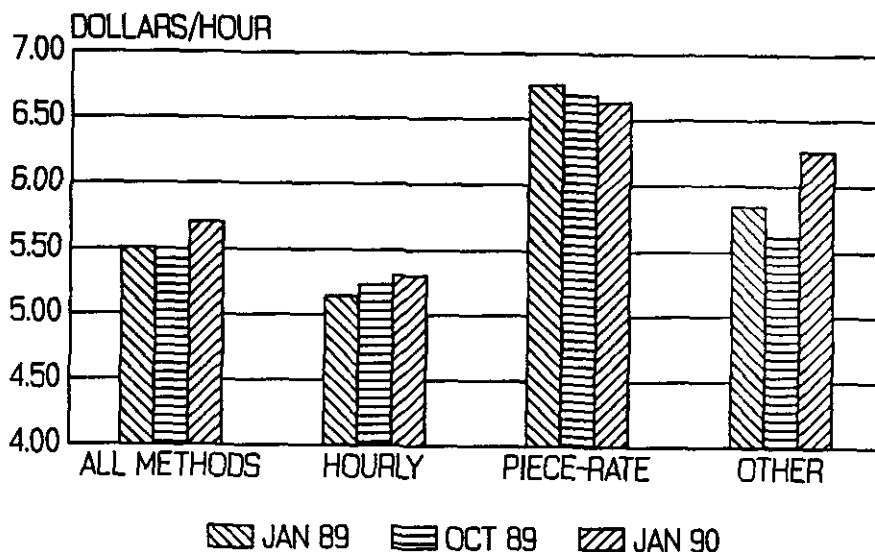
The estimates of agricultural labor are based on multiple frame probability surveys. The surveys utilize two sampling frames -- a list frame and an area frame. The list sample is a stratified random sample of producers likely to have hired farm workers. A probability sample from the area frame is used 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 nine times out of ten.

At the U.S. level, the number of all non-salaried workers and hired workers had relative sampling errors of 2.1 and 3.7 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 1.4 percent at the U.S. level. The relative sampling error for hourly paid workers was 1.7 percent and was 1.4 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 5.0 and 10.0 percent at the regional level.

U.S. WAGE RATES BY METHOD OF PAY



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

	: JAN 8-14,	: OCT 8-14,	: JAN 7-13,
FARM EMPLOYMENT	: 1989	: 1989	: 1990
		THOUSANDS	
FARM WORKERS	: 2,322	3,076	2,442
SELF-EMPLOYED	: 1,284	1,544	1,430
UNPAID	: 337	549	322
HIRED	: 701	983	690
EXPECTED TO BE EMPLOYED	:		
150 DAYS OR MORE	: 542	613	553
149 DAYS OR LESS	: 159	370	137
AGRICULTURAL SERVICES	:		
WORKERS WORKING ON FARMS	: 152	308	143
TOTAL FARM & SERVICE WORKERS	: 2,474	3,384	2,585
INDEX - SEASONALLY ADJUSTED	:		
1977=100	:		
ALL FARM WORKERS	: 73	73	76
HIRED WORKERS	: 83	72	82
		DOLLARS PER HOUR	
FARM WAGE RATE 1/ 2/	: JAN 8-14,	: OCT 8-14,	: JAN 7-13,
	: 1989	: 1989	: 1990
ALL HIRED FARM WORKERS	: 5.51	5.42	5.70
METHOD OF PAY	:		
HOURLY	: 5.14	5.23	5.30
PIECE-RATE	: 6.76	6.68	6.63
OTHER	: 5.84	5.61	6.26
TYPE OF WORKER	:		
FIELD & LIVESTOCK COMBINED	: 5.09	5.11	5.18
FIELD	: 5.33	5.22	5.34
LIVESTOCK	: 4.83	4.76	4.99
SUPERVISORY	: 8.49	8.44	9.13
OTHER	: 6.47	7.05	7.42
INDEX - SEASONALLY ADJUSTED	:		
1977=100	:		
ALL HIRED WORKERS	: 187	179	193

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 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	85	19	6	60	50	10
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.	2442	1430	322	690	553	137

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	SUPERVISORY	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.

WORKERS ON FARMS, OCTOBER 8-14, 1989 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	119	44	20	55	38	17
NORTHEAST II	136	64	29	43	34	9
APPALACHIAN I	129	74	14	41	22	19
APPALACHIAN II	228	150	32	46	20	26
SOUTHEAST	148	84	18	46	31	15
FLORIDA	79	18	4	57	51	6
LAKE	370	193	99	78	39	39
CORNBELT I	322	193	72	57	33	24
CORNBELT II	252	144	57	51	18	33
DELTA	149	78	16	55	38	17
NORTHERN PLAINS:	254	150	65	39	21	18
SOUTHERN PLAINS:	263	157	40	66	53	13
MOUNTAIN I	85	40	17	28	15	13
MOUNTAIN II	54	25	9	20	16	4
MOUNTAIN III	53	11	24	18	15	3
PACIFIC	158	63	15	80	33	47
CALIFORNIA	263	53	17	193	127	66
HAWAII	14	3	1	10	9	1
U. S.	3,076	1,544	549	983	613	370

HOURS WORKED PER WEEK AND WAGE RATES FOR ALL HIRED WORKERS,
OCTOBER 8-14, 1989 1/

STATE AND REGION 2/	HOURS WORKED			WAGE RATES FOR ALL HIRED WORKERS
	SELF- EMPLOYED	UNPAID	HIRED	
DOLLARS PER HOUR				
NORTHEAST I	48.6	36.6	38.9	5.48
NORTHEAST II	42.3	34.6	41.6	5.05
APPALACHIAN I	35.7	28.9	36.4	4.67
APPALACHIAN II	25.8	35.8	32.6	4.56
SOUTHEAST	30.3	34.4	38.4	4.28
FLORIDA	33.3	37.0	37.9	5.61
LAKE	55.7	43.3	42.0	4.98
CORNBELT I	48.2	41.0	42.1	5.06
CORNBELT II	52.4	46.4	35.9	5.13
DELTA	32.2	34.3	50.5	4.11
NORTHERN PLAINS:	53.8	44.7	53.8	5.54
SOUTHERN PLAINS:	33.6	38.4	39.4	5.08
MOUNTAIN I	49.5	42.0	54.7	4.71
MOUNTAIN II	48.2	33.7	45.9	4.79
MOUNTAIN III	43.5	39.5	48.7	5.32
PACIFIC	30.9	33.4	41.0	6.27
CALIFORNIA	38.0	38.6	45.4	6.40
HAWAII	33.5	27.6	38.3	8.53
U. S.	42.5	40.2	42.3	5.42

WAGE RATES FOR HIRED WORKERS, OCTOBER 8-14, 1989 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	5.90	4.39	5.26	7.51	6.86	5.76	5.39	4.90
NORTHEAST II	5.10	4.04	4.75	7.60	5.64	5.37	6.50	4.28
APPALACHIAN I	4.45	4.57	4.49	7.05	3/	4.58	3/	4.86
APPALACHIAN II	4.21	4.33	4.26	7.13	3/	4.42	3/	4.85
SOUTHEAST	4.07	4.20	4.09	6.55	5.97	4.23	3/	4.32
FLORIDA	4.92	5.45	4.97	10.38	7.21	4.93	5.41	8.38
LAKE	5.24	4.12	4.82	7.46	5.83	5.12	6.01	4.50
CORNBELT I	4.93	4.81	4.91	6.31	3/	5.15	4.35	4.95
CORNBELT II	4.91	4.82	4.89	8.23	3/	4.96	3/	5.76
DELTA	4.06	3.83	4.01	6.10	3/	3.96	3/	4.40
NORTHERN PLAINS	5.63	4.63	5.46	7.07	3/	5.88	3/	4.71
SOUTHERN PLAINS	4.74	4.75	4.75	9.00	5.15	4.79	3/	5.48
MOUNTAIN I	4.69	4.21	4.59	5.93	4.29	4.77	4.96	4.56
MOUNTAIN II	4.21	4.50	4.36	7.04	3/	4.38	3/	5.07
MOUNTAIN III	4.82	4.54	4.70	8.88	7.52	4.80	3/	5.99
PACIFIC	6.09	6.08	6.09	8.61	3/	5.55	7.53	6.68
CALIFORNIA	5.76	6.44	5.86	10.50	8.85	5.89	7.10	8.71
HAWAII	7.77	3/	7.73	13.60	8.95	7.84	7.75	11.68
U. S.	5.22	4.76	5.11	8.44	7.05	5.23	6.68	5.61

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 8-14, 1989 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	34	14	37	29	8
NORTHEAST II	125	62	28	35	27	8
APPALACHIAN I	74	46	7	21	17	4
APPALACHIAN II	149	100	18	31	20	11
SOUTHEAST	103	55	12	36	28	8
FLORIDA	93	20	3	70	54	16
LAKE	255	147	55	53	44	9
CORNBELT I	227	144	32	51	39	12
CORNBELT II	187	131	29	27	20	7
DELTA	108	72	9	27	24	3
NORTHERN PLAINS	190	131	35	24	20	4
SOUTHERN PLAINS	242	158	35	49	36	13
MOUNTAIN I	74	49	12	13	12	1
MOUNTAIN II	52	26	7	19	16	3
MOUNTAIN III	46	11	22	13	12	1
PACIFIC	84	46	8	30	23	7
CALIFORNIA	216	50	10	156	113	43
HAWAII	12	2	1	9	8	1
U. S.	2322	1284	337	701	542	159

HOURS WORKED PER WEEK AND WAGE RATES FOR ALL HIRED WORKERS,
JANUARY 8-14, 1989 1/

STATE AND REGION 2/	HOURS WORKED			WAGE RATES FOR ALL HIRED WORKERS
	SELF- EMPLOYED	UNPAID	HIRED	
HOURS				DOLLARS PER HOUR
NORTHEAST I	47.4	36.1	41.4	5.15
NORTHEAST II	39.5	29.5	39.2	5.19
APPALACHIAN I	25.0	30.1	31.6	5.29
APPALACHIAN II	24.7	32.7	37.3	4.74
SOUTHEAST	29.9	35.7	34.3	5.20
FLORIDA	25.0	35.2	38.8	6.04
LAKE	43.9	33.7	36.6	4.63
CORNBELT I	31.0	30.7	38.3	5.43
CORNBELT II	34.6	35.9	30.7	5.68
DELTA	25.5	28.8	36.0	4.62
NORTHERN PLAINS	37.6	36.4	42.4	5.46
SOUTHERN PLAINS	29.3	27.6	33.9	4.94
MOUNTAIN I	27.0	30.8	43.2	4.87
MOUNTAIN II	34.2	23.2	40.9	5.16
MOUNTAIN III	27.0	35.1	46.9	5.04
PACIFIC	26.9	38.1	38.4	6.12
CALIFORNIA	34.3	36.3	38.9	6.22
HAWAII	24.8	31.9	37.7	8.03
U. S.	32.8	32.8	37.9	5.51

WAGE RATES FOR HIRED WORKERS, JANUARY 8-14, 1989 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	5.75	4.52	4.92	6.68	5.81	5.22	3/	5.02
NORTHEAST II	5.12	4.13	4.55	7.14	6.59	5.32	3/	5.05
APPALACHIAN I	4.59	4.92	4.80	8.45	6.25	4.52	3/	6.14
APPALACHIAN II	4.33	4.71	4.55	7.53	6.06	4.50	5.59	5.07
SOUTHEAST	4.41	5.19	4.82	8.31	5.09	5.11	5.20	5.30
FLORIDA	5.66	4.77	5.47	9.83	7.08	4.86	7.21	7.27
LAKE	4.49	4.21	4.28	8.97	5.93	4.94	3/	4.31
CORNBELT I	5.12	4.79	4.92	8.49	5.38	4.90	3/	6.30
CORNBELT II	5.62	5.30	5.43	7.95	3/	5.03	3/	6.59
DELTA	4.48	4.03	4.27	7.39	3/	4.05	3/	5.40
NORTHERN PLAINS	6.21	4.94	5.20	7.31	6.16	5.39	3/	5.52
SOUTHERN PLAINS	4.15	4.85	4.55	7.92	5.21	4.45	3/	5.38
MOUNTAIN I	5.82	4.43	4.70	5.33	3/	4.86	3/	4.87
MOUNTAIN II	4.64	4.92	4.82	6.84	5.98	5.01	3/	5.33
MOUNTAIN III	4.68	4.57	4.64	6.47	6.78	4.77	3/	5.42
PACIFIC	5.50	6.04	5.68	8.72	6.56	5.43	6.97	7.20
CALIFORNIA	5.70	5.80	5.72	11.50	8.28	5.64	6.65	7.49
HAWAII	7.57	3/	7.51	11.94	7.52	7.58	3/	10.27
U. S.	5.33	4.83	5.09	8.49	6.47	5.14	6.76	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.

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

REGIONS 2/	JAN 8-14, 1989				JAN 7-13, 1990			
	FIELD:	OTHER:	L'STK &:	ALL :	FIELD:	OTHER:	L'STK &:	ALL
	CROPS:	CROPS:	POULTRY:	FARMS:	CROPS:	CROPS:	POULTRY:	FARMS
	DOLLARS PER HOUR							
NORTHEAST	7.33	5.70	4.21	4.75	5.44	5.71	4.16	4.72
APPALACHIAN	4.39	4.88	4.72	4.64	4.45	4.48	4.48	4.47
SOUTHEAST	4.38	5.52	5.23	5.25	4.07	4.98	5.08	4.81
LAKE	4.88	5.57	4.05	4.28	6.82	7.67	4.49	4.93
CORNBELT	5.19	5.35	4.98	5.09	5.77	4.59	4.94	5.18
DELTA	4.44	4.46	4.06	4.27	4.94	5.70	4.12	4.54
NORTHERN PLAINS	5.94	4.75	4.99	5.20	5.96	4.04	5.59	5.64
SOUTHERN PLAINS	4.23	3.69	4.89	4.55	4.58	4.17	4.76	4.63
MOUNTAIN	4.76	4.97	4.67	4.74	4.94	4.76	5.03	4.96
PACIFIC	6.12	5.75	5.44	5.71	5.87	5.76	6.62	5.96
48 STATES	4.99	5.57	4.74	5.06	5.03	5.45	4.95	5.14

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 8-14, 1989				JAN 7-13, 1990					
	GROSS VALUE SALES-\$1000's :				GROSS VALUE SALES-\$1000's :					
	<40:	40-99:	100-249:	250+:	<40:	40-99:	100-249:	250+:		
	DOLLARS PER HOUR									
N. EAST	6.49	4.32	4.28	6.04	5.17	4.65	4.20	4.04	6.04	5.21
APPAL.	3.94	4.48	4.96	5.51	4.94	4.51	4.37	4.41	5.25	4.77
S. EAST	4.64	5.18	5.37	6.07	5.76	3.90	4.45	5.18	5.84	5.42
LAKE	3.94	3.58	3.77	6.21	4.63	7.93	4.67	3.99	6.26	5.33
CORNBELT	5.26	5.24	5.07	5.87	5.50	4.33	5.42	4.93	6.26	5.63
DELTA	4.22	3.07	4.58	5.37	4.62	4.49	5.59	4.70	5.24	5.18
N. PLAINS	4.85	4.78	4.52	6.03	5.46	4.67	4.81	5.15	6.50	5.89
S. PLAINS	5.14	4.77	4.62	5.09	4.94	4.94	4.92	5.35	5.49	5.25
MOUNTAIN	4.70	5.18	4.79	5.16	5.04	5.02	5.12	4.75	5.52	5.28
PACIFIC	5.49	5.77	5.58	6.36	6.20	7.68	6.28	6.29	6.59	6.59
48 STATES	4.95	4.69	4.77	6.00	5.48	5.35	4.97	4.88	6.10	5.66

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 8-14, 1989	OCT 8-14, 1989	JAN 7-13, 1990
PERCENT OF FIELD AND LIVESTOCK WORKERS 2/			
FIELD CROPS	21	28	19
OTHER CROPS	35	39	36
LIVESTOCK, DAIRY, & POULTRY	44	33	45
	100.0	100.0	100.0

1/ 48 STATES, EXCLUDING ALASKA AND HAWAII.

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

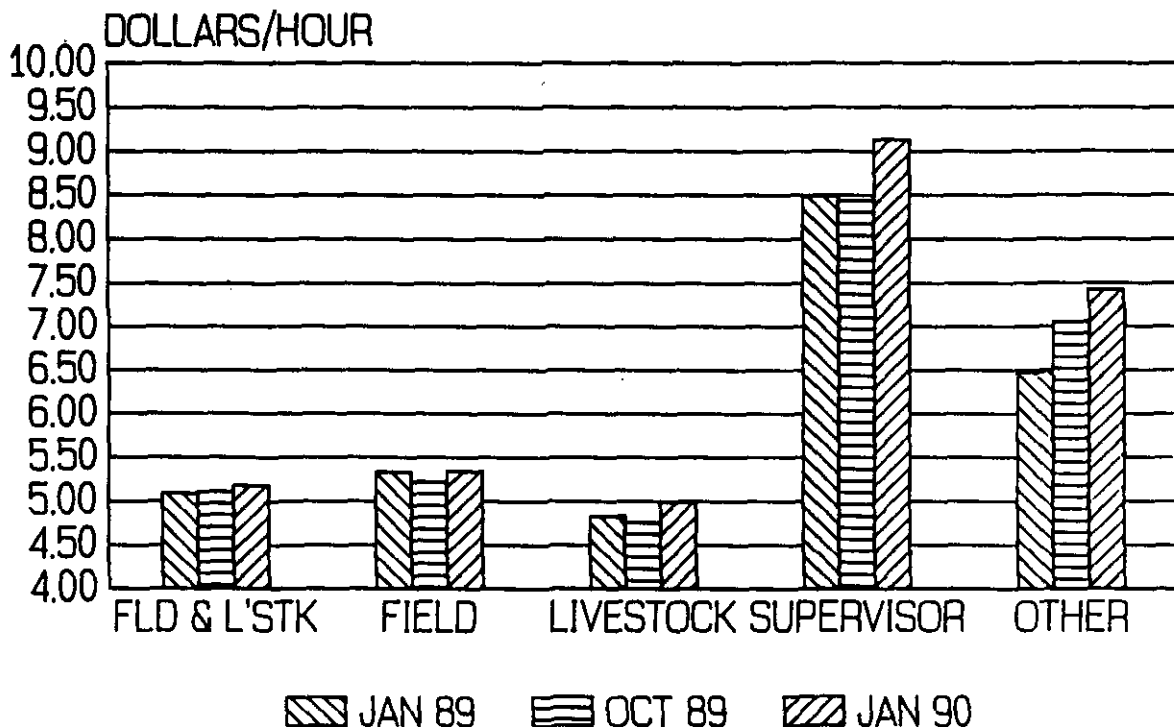
DISTRIBUTION OF HIRED WORKERS, BY ECONOMIC CLASS OF FARM, 48 STATES 1/

GROSS VALUE OF SALES	JAN 8-14, 1989	OCT 8-14, 1989	JAN 7-13, 1990
PERCENT OF HIRED WORKERS 2/			
LESS THAN \$40,000	13	13	11
\$40,000-\$99,999	12	14	15
\$100,000-\$249,999	22	22	19
\$250,000 AND OVER	53	51	55
	100.0	100.0	100.0

1/ 48 STATES, EXCLUDING ALASKA AND HAWAII.

2/ EXCLUDES AGRICULTURAL SERVICE WORKERS.

U.S. WAGE RATES BY TYPE OF WORKER



DISTRIBUTION OF HIRED WORKERS ON FARMS, UNITED STATES 1/

CATEGORY	: JAN 8-14, : 1989	: OCT 8-14, : 1989	: JAN 7-13, : 1990
	PERCENT OF HIRED WORKERS		
EMPLOYED ON FARMS HIRING:			
1 WORKER	18	14	16
2 WORKERS	12	12	14
3-6 WORKERS	25	22	26
7-10 WORKERS	8	9	9
11 AND OVER WORKERS	37	43	35
	100.0	100.0	100.0
PAYMENT METHOD:			
HOURLY	59	70	64
PIECE-RATE	9	9	5
OTHER METHODS	32	21	31
	100.0	100.0	100.0
BENEFITS: 2/			
HOUSING AND MEALS	7	6	7
HOUSING (NO MEALS)	16	14	16
MEALS (NO HOUSING)	5	5	3
BONUS	8	5	6
OTHER BENEFITS	17	12	14
WAGES ONLY	47	58	54
	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 143,000 workers for the Nation's farms and ranches during the week of January 7-13, 1990. Service workers in California numbered 45,000 compared with 30,000 during the January 1989 survey week. Florida's number decreased to 10,000 this year from 15,000 service workers last January.

The average wages received by agricultural service workers in California and Florida were \$6.20 and \$6.23 per hour, respectively. Comparable wages in January 1989 were \$6.42 in California and \$5.79 in Florida.

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

ITEM	: JAN 8-14, 1989			: OCT 8-14, 1989			: JAN 7-13, 1990		
	: CALIF	: FLA	: US	: CALIF	: FLA	: US	: CALIF	: FLA	: US
	THOUSANDS								
NUMBER OF WORKERS WORKING ON FARMS	30.0	15.0	152.0	62.0	5.5	308.0	45.0	10.0	143.0
	HOURS 2/								
HOURS WORKED	32.4	33.3	-	37.8	31.3	-	34.6	36.8	-
	DOLLARS PER HOUR 2/								
WAGE RATES 3/	6.42	5.79	-	6.41	5.15	-	6.20	6.23	-
METHOD OF PAY									
HOURLY	5.35	5.19	-	6.06	5.10	-	5.63	4/	-
PIECE-RATE	7.61	5.85	-	7.00	4.91	-	6.65	6.92	-
TYPE OF WORK									
FIELD	6.03	5.55	-	6.17	4.85	-	5.86	5.80	-

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.
