
Farm Labor



National
Agricultural
Statistics
Service

Fact Finding
for Agriculture
Since 1863

United States
Department of
Agriculture

Agricultural
Statistics
Board

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NUMBER OF WORKERS DOWN, WAGE RATES INCREASE

A total of 3.32 million persons worked on the Nation's farms and ranches during the week of October 7-13, 1990 according to the Agricultural Statistics Board. This compares with 3.38 million workers in October 1989. The workforce was comprised of 1.56 million self-employed farm operators, 528,000 unpaid workers, and 935,000 workers hired directly by farm operators. Rounding out the total were 296,000 agricultural service employees doing work on farms and ranches during the survey week.

The all hired farm worker wage rate for the October 1990 survey week averaged \$5.64 per hour, up 22 cents from a year earlier. Workers paid on an hourly basis earned \$5.44 per hour compared with \$5.23 in October 1989. Wage rates for field and livestock workers were \$5.41 and \$5.00, respectively. During October 1989, field workers made \$5.22 while livestock workers averaged \$4.76 per hour.

During the current survey week, self-employed persons worked an average of 40.0 hours, 2.5 fewer hours than in the comparable week in 1989. Unpaid workers, who worked 15 hours or more during the week, put in 37.5 hours compared with 40.2 hours a year earlier. Hired workers spent an average of 41.3 hours doing agricultural work, down one hour from October of last year.

Benefits, in addition to cash wages, such as housing and meals, were provided to 42 percent of the hired workers during the survey week both this year and last year. This year, 5 percent of the workers received both housing and meals, and another 14 percent received housing but no meals.

ANNUAL AVERAGE WAGE RATES

Annual average wage rates for 1989 and 1990 are printed on pages 13 and 14. The U.S. 1990 annual average rate for all hired workers was \$5.52 per hour compared with \$5.36 the previous year. The combined annual rate for field and livestock workers averaged \$5.15 per hour, 13 cents an hour more than in 1989.

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* The next issue of this report will be published *
* **February 12, 1991.** *

FARM ACTIVITIES DURING SURVEY WEEK

Dry weather and below-average temperatures during the farm labor survey week of October 7-13, 1990 aided crop maturity and allowed harvest and fall crop seeding to progress rapidly in the Great Plains and the West. Tropical storms from Florida to the New England States brought needed moisture but delayed harvest and crop maturity. Rain slowed row crop harvests in much of the Corn Belt. Corn and soybean harvests lagged behind normal, especially in Illinois and Indiana where the number of days suitable for field work was less than two during the survey week. In the major producing States, corn harvest was 32 percent complete, 13 points behind normal. Soybean harvest was 40 percent complete, 7 points behind normal. Winter wheat seeding was 71 percent complete, 1 point behind normal. Cotton harvest was 4 points ahead of the 37 percent average. Early orange, grapefruit, and specialty fruit harvests were active in Florida. In California, new crop navel orange and kiwi harvests began. Rain slowed vegetable planting in the Winter Garden area of Texas.

SOURCE AND RELIABILITY OF ESTIMATES

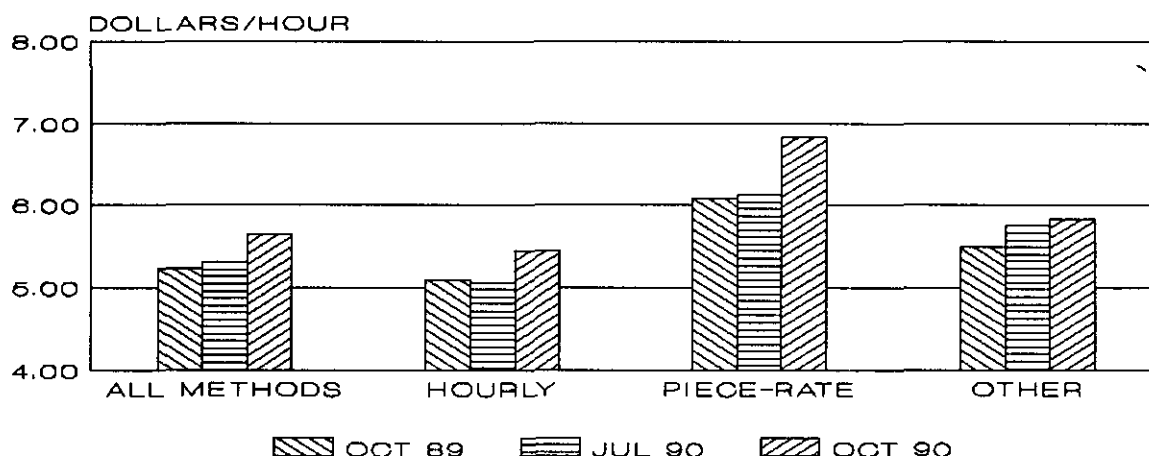
The estimates of agricultural labor are based on multiple frame probability surveys. The surveys utilize two sampling frames -- a list frame and an area frame. The list sample is a stratified random sample of producers likely to have hired farm workers. A probability sample from the area frame is used 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 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 1.9 and 4.1 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 1.0 percent at the U.S. level. The relative sampling error for hourly paid workers was 1.1 percent and .9 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 EMPLOYMENT, WAGE RATES AND INDEXES, UNITED STATES

	OCT 8-14, 1989	JUL 8-14, 1990	OCT 7-13, 1990
THOUSANDS			
FARM EMPLOYMENT	3,076	3,335	3,022
FARM WORKERS	3,076	3,335	3,022
SELF-EMPLOYED	1,544	1,624	1,559
UNPAID	549	605	528
HIRED	983	1,106	935
EXPECTED TO BE EMPLOYED			
150 DAYS OR MORE	613	650	648
149 DAYS OR LESS	370	456	287
AGRICULTURAL SERVICE WORKERS WORKING ON FARMS	308	356	296
TOTAL FARM & SERVICE WORKERS	3,384	3,691	3,318
DOLLARS PER HOUR			
INDEX - 1977=100			
ALL FARM WORKERS	73	66	72
HIRED WORKERS	72	58	68
WAGE RATES FOR			
ALL HIRED WORKERS 1/ 2/	5.42	5.30	5.64
METHOD OF PAY			
HOURLY	5.23	5.06	5.44
PIECE-RATE	6.68	6.13	6.83
OTHER	5.61	5.75	5.84
TYPE OF WORKER			
FIELD & LIVESTOCK COMBINED	5.11	5.02	5.30
FIELD	5.22	5.05	5.41
LIVESTOCK	4.76	4.90	5.00
SUPERVISORY	8.44	7.93	8.52
OTHER	7.05	7.32	7.14
INDEX - 1977=100			
ALL HIRED WORKERS	179	193	186

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, 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	SUPERVISORY	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, JULY 8-14, 1990 1/

STATE AND REGION 2/	ALL FARM WORKERS	SELF- EMPLOYED	UNPAID	NUMBER OF WORKERS	HIRED	
					EXPECTED TO BE EMPLOYED	
					150 DAYS OR MORE	149 DAYS OR LESS
THOUSANDS						
NORTHEAST I	119	46	18	55	41	14
NORTHEAST II	160	71	37	52	38	14
APPALACHIAN I	171	78	19	74	26	48
APPALACHIAN II	211	142	31	38	16	22
SOUTHEAST	158	83	13	62	31	31
FLORIDA	66	24	6	36	29	7
LAKE	415	194	105	116	53	63
CORNBELT I	331	190	74	67	41	26
CORNBELT II	256	158	51	47	23	24
DELTA	138	74	19	45	35	10
NORTHERN PLAINS:	286	156	79	51	27	24
SOUTHERN PLAINS:	306	189	48	69	46	23
MOUNTAIN I	94	48	17	29	21	8
MOUNTAIN II	73	27	17	29	20	9
MOUNTAIN III	54	10	25	19	16	3
PACIFIC	200	59	26	115	33	82
CALIFORNIA	282	72	19	191	144	47
HAWAII	15	3	1	11	10	1
U. S.	3,335	1,624	605	1,106	650	456

HOURS WORKED PER WEEK AND WAGE RATES FOR ALL HIRED WORKERS,
JULY 8-14, 1990 1/

STATE AND REGION 2/	HOURS WORKED			WAGE RATES FOR ALL HIRED WORKERS
	SELF- EMPLOYED	UNPAID	HIRED	
	HOURS			
NORTHEAST I	49.7	39.4	40.1	5.36
NORTHEAST II	38.2	40.8	41.5	5.42
APPALACHIAN I	33.8	35.1	34.8	4.60
APPALACHIAN II	26.2	30.9	29.7	4.98
SOUTHEAST	29.3	35.5	33.5	4.45
FLORIDA	25.2	31.2	37.3	5.87
LAKE	54.3	43.4	32.8	4.96
CORNBELT I	36.7	33.8	34.3	5.49
CORNBELT II	45.4	37.8	35.5	4.86
DELTA	35.6	33.9	41.0	4.59
NORTHERN PLAINS:	58.1	42.9	47.7	5.17
SOUTHERN PLAINS:	33.8	34.4	44.6	4.61
MOUNTAIN I	51.4	44.6	45.1	4.67
MOUNTAIN II	56.8	37.8	49.2	5.00
MOUNTAIN III	41.6	36.1	48.7	5.13
PACIFIC	37.2	34.7	41.8	5.51
CALIFORNIA	31.6	27.4	45.4	6.18
HAWAII	29.2	33.7	37.1	8.64
U. S.	40.7	37.9	39.9	5.30

WAGE RATES FOR HIRED WORKERS, JULY 8-14, 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	5.38	4.65	5.08	7.48	7.43	5.60	3/	4.95	
NORTHEAST II	5.20	4.65	5.03	7.97	6.89	5.34	6.44	5.39	
APPALACHIAN I	4.40	4.87	4.48	6.48	3/	4.36	5.41	5.14	
APPALACHIAN II	4.75	4.82	4.78	8.28	3/	4.85	3/	5.25	
SOUTHEAST	4.10	5.05	4.23	7.43	3/	4.24	3/	5.39	
FLORIDA	5.32	5.59	5.36	9.77	7.98	5.48	5.51	6.82	
LAKE	5.06	4.26	4.75	6.91	7.36	4.95	6.19	4.84	
CORNBELT I	5.18	4.93	5.09	7.19	6.10	5.28	3/	5.79	
CORNBELT II	4.49	4.81	4.61	6.09	3/	4.69	3/	5.18	
DELTA	4.41	4.30	4.39	8.27	3/	4.28	5.01	5.06	
NORTHERN PLAINS	5.05	5.29	5.08	3/	3/	5.24	3/	5.02	
SOUTHERN PLAINS	4.32	4.26	4.30	7.36	3/	4.29	3/	5.18	
MOUNTAIN I	4.58	4.83	4.69	3/	3/	4.98	3/	4.58	
MOUNTAIN II	4.71	4.95	4.77	7.50	3/	4.73	3/	5.48	
MOUNTAIN III	4.51	5.16	4.71	7.94	3/	4.79	3/	5.96	
PACIFIC	5.25	6.33	5.30	9.19	3/	5.16	5.96	7.42	
CALIFORNIA	5.68	6.64	5.78	10.84	3/	5.52	7.52	9.33	
HAWAII	7.97	3/	7.88	13.18	3/	8.08	3/	11.45	
U. S.	5.05	4.90	5.02	7.93	7.32	5.06	6.13	5.75	

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	
HOURS				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	FIELD & LIVESTOCK	SUPERVISORY	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.

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

REGIONS 2/	OCT 8-14, 1989				OCT 7-13, 1990			
	FIELD: CROPS:	OTHER: CROPS:	L'STK &: POULTRY:	ALL FARMS:	FIELD: CROPS:	OTHER: CROPS:	L'STK &: POULTRY:	ALL FARMS:
	DOLLARS PER HOUR							
NORTHEAST	5.72	5.74	4.32	5.07	5.59	6.27	4.38	5.29
APPALACHIAN	4.25	5.33	4.26	4.37	4.20	5.41	4.70	4.55
SOUTHEAST	3.90	4.80	4.76	4.56	4.76	5.70	4.98	5.31
LAKE	5.35	5.82	4.14	4.82	5.43	5.99	4.24	4.97
CORNBELT	5.07	4.45	4.91	4.90	5.13	4.99	5.15	5.11
DELTA	4.05	4.95	3.82	4.01	4.25	5.15	4.59	4.39
NORTHERN PLAINS	5.81	4.49	4.54	5.46	5.46	3/	4.93	5.28
SOUTHERN PLAINS	4.78	4.93	4.68	4.75	4.56	4.49	4.92	4.76
MOUNTAIN	4.70	4.79	4.30	4.55	4.94	5.66	4.92	5.02
PACIFIC	5.67	5.94	6.19	5.93	5.69	5.94	5.80	5.88
48 STATES	4.92	5.58	4.63	5.08	5.01	5.85	4.87	5.28

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

REGIONS 2/	OCT 8-14, 1989				OCT 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	5.82	4.34	4.35	5.89	5.31	4.79	4.64	4.93	6.29	5.55
APPAL.	4.11	4.11	4.45	5.15	4.61	4.24	4.28	4.61	5.61	4.84
S. EAST	4.07	4.51	4.34	5.29	5.02	4.41	5.44	5.38	6.14	5.84
LAKE	4.96	4.42	4.21	5.77	4.98	4.64	4.72	4.35	6.08	5.25
CORNBELT	5.32	4.99	4.75	5.40	5.09	5.47	5.45	5.66	5.36	5.45
DELTA	3.73	3.84	3.92	4.45	4.11	4.39	4.51	4.76	4.52	4.59
N. PLAINS:	4.70	4.29	5.81	5.77	5.54	5.18	5.27	5.17	5.73	5.45
S. PLAINS:	4.08	4.44	5.00	5.62	5.08	4.64	4.90	4.75	5.49	5.04
MOUNT	4.40	4.35	4.40	5.32	4.89	5.13	4.82	4.84	5.41	5.24
PACIFIC	6.08	6.02	5.74	6.56	6.36	5.83	6.22	5.98	6.44	6.31
48 STATES:	4.80	4.74	4.82	5.87	5.40	4.89	5.11	5.21	5.95	5.61

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.

DISTRIBUTION OF FIELD AND LIVESTOCK WORKERS, BY TYPE OF FARM, 48 STATES 1/

TYPE OF FARM	OCT 8-14, 1989	JUL 8-14, 1990	OCT 7-13, 1990
PERCENT OF FIELD AND LIVESTOCK WORKERS 2/			
FIELD CROPS	28	31	30
OTHER CROPS	39	39	39
LIVESTOCK, DAIRY, & POULTRY	33	30	31
	100.0	100.0	100.0

1/ 48 STATES, EXCLUDING ALASKA AND HAWAII.

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

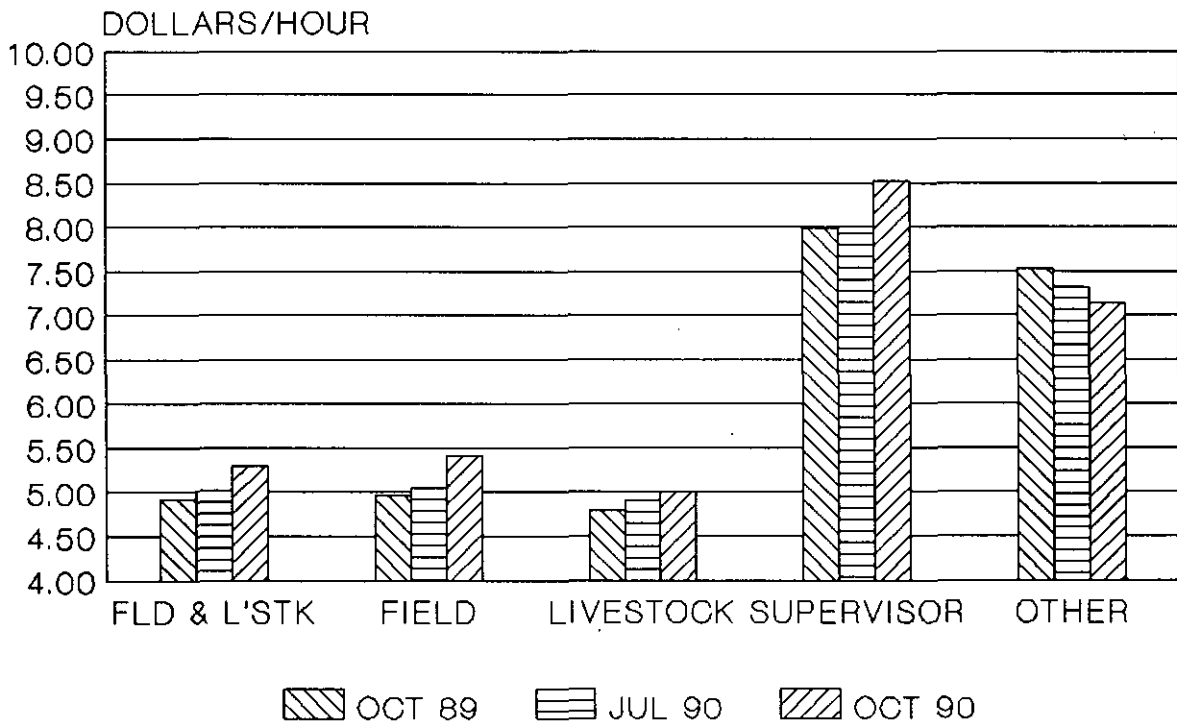
DISTRIBUTION OF HIRED WORKERS, BY ECONOMIC CLASS OF FARM, 48 STATES 1/

GROSS VALUE OF SALES	OCT 8-14, 1989	JUL 8-14, 1990	OCT 7-13, 1990
PERCENT OF HIRED WORKERS 2/			
LESS THAN \$40,000	13	15	11
\$40,000-\$99,999	14	14	13
\$100,000-\$249,999	22	21	23
\$250,000 AND OVER	51	50	53
	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	OCT 8-14, 1989	JUL 8-14, 1990	OCT 7-13, 1990
	PERCENT OF HIRED WORKERS		
EMPLOYED ON FARMS HIRING:			
1 WORKER	14	12	14
2 WORKERS	12	11	11
3-6 WORKERS	22	25	23
7-10	9	10	8
11 AND OVER WORKERS	43	42	44
	100.0	100.0	100.0
PAYMENT METHOD:			
HOURLY	70	72	68
PIECE-RATE	9	7	7
OTHER METHODS	21	21	25
	100.0	100.0	100.0
BENEFITS: 2/			
HOUSING AND MEALS	6	6	5
HOUSING (NO MEALS)	14	15	14
MEALS (NO HOUSING)	5	6	4
BONUS	5	4	5
OTHER BENEFITS	12	12	14
WAGES ONLY	58	57	58
	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.

ANNUAL AVERAGE WAGE RATES FOR HIRED WORKERS, 1989 1/4/

STATE AND REGION 2/	TYPE OF WORKER						METHOD OF PAY		
	ALL HIRED:	FIELD:	LIVE- STOCK	LIVE- STOCK	SUPER- VISORY:	OTHER: HOURLY:	PIECE RATE	OTHER	
DOLLARS PER HOUR									
NORTHEAST I	5.25	5.57	4.38	4.98	7.29	6.73	5.47	3/	4.88
NORTHEAST II	5.26	5.08	4.33	4.89	7.83	6.56	5.29	3/	5.13
APPALACHIAN I	4.58	4.20	4.62	4.33	7.39	3/	4.29	3/	5.28
APPALACHIAN II	4.68	4.30	4.63	4.45	7.38	3/	4.57	3/	4.95
SOUTHEAST	4.54	4.17	4.60	4.29	7.49	6.44	4.32	5.98	4.77
FLORIDA	5.75	5.19	5.04	5.16	9.63	7.26	4.95	6.41	7.41
LAKE	4.69	4.74	4.15	4.45	7.42	6.02	4.93	5.59	4.23
CORNBELT I	5.16	4.83	4.96	4.88	7.46	5.42	4.90	3/	5.72
CORNBELT II	5.20	4.97	5.13	5.03	7.56	5.82	4.91	3/	5.82
DELTA	4.20	4.09	3.88	4.04	6.27	3/	3.95	3/	4.75
NORTHERN PLAINS:	5.34	5.33	4.80	5.17	7.19	5.92	5.34	8.36	5.11
SOUTHERN PLAINS:	4.98	4.50	4.82	4.65	8.09	5.44	4.73	3/	5.26
MOUNTAIN I	4.63	4.66	4.14	4.49	5.56	3/	4.72	5.71	4.46
MOUNTAIN II	4.82	4.27	4.71	4.51	6.22	3/	4.89	3/	4.79
MOUNTAIN III	5.16	4.57	4.68	4.61	7.89	7.15	4.67	3/	5.96
PACIFIC	5.69	5.32	6.00	5.42	8.46	6.96	5.24	6.45	6.71
CALIFORNIA	6.39	5.84	6.27	5.90	10.74	8.77	5.82	7.45	8.46
HAWAII	8.35	7.78	3/	7.70	12.55	8.20	7.74	3/	11.13
U. S.	5.36	5.12	4.77	5.02	8.20	7.08	5.13	6.65	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 I: 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.

4/ ANNUAL RATES ARE AVERAGES OF THE PUBLISHED WAGE RATES FOR EACH SURVEY WEEK WEIGHTED BY THE NUMBER OF HOURS WORKED DURING THE WEEK. THE ANNUAL AVERAGE FOR ALL STATES, REGIONS, AND THE U.S. IS BASED ON DATA COLLECTED FOR JANUARY, APRIL, JULY, AND OCTOBER 1989.

ANNUAL AVERAGE WAGE RATES FOR HIRED WORKERS, 1990 1/ 4/

STATE AND REGION 2/	TYPE OF WORKER						METHOD OF PAY		
	ALL HIRED:	FIELD:	LIVE- STOCK	LIVE- STOCK	SUPER- VISORY:	OTHER:	HOURLY:	PIECE RATE	OTHER
DOLLARS PER HOUR									
NORTHEAST I	5.51	5.78	4.61	5.21	7.54	7.58	5.65	3/	5.16
NORTHEAST II	5.34	5.30	4.25	4.93	8.08	6.53	5.39	6.46	5.08
APPALACHIAN I	4.69	4.46	4.57	4.50	7.25	3/	4.47	3/	5.14
APPALACHIAN II	4.84	4.45	4.66	4.56	8.06	6.88	4.59	3/	5.37
SOUTHEAST	4.82	4.27	4.95	4.46	9.39	6.18	4.54	3/	5.55
FLORIDA	6.00	5.40	5.29	5.38	10.31	8.56	5.42	6.30	7.61
LAKE	5.19	5.27	4.55	4.90	7.46	7.47	5.25	6.00	5.04
CORNBELT I	5.59	5.06	5.04	5.05	8.07	6.61	5.20	3/	6.29
CORNBELT II	5.07	4.76	4.98	4.85	6.66	3/	4.97	3/	5.24
DELTA	4.66	4.46	4.23	4.40	7.82	3/	4.40	5.48	5.05
NORTHERN PLAINS	5.41	5.21	5.19	5.20	8.02	6.41	5.53	3/	5.27
SOUTHERN PLAINS	4.97	4.56	4.67	4.61	7.87	6.05	4.60	3/	5.45
MOUNTAIN I	4.85	4.93	4.59	4.79	5.29	3/	5.09	3/	4.68
MOUNTAIN II	5.29	4.98	5.01	5.00	7.38	3/	5.17	3/	5.44
MOUNTAIN III	5.32	4.78	5.01	4.87	7.97	6.93	4.95	3/	5.87
PACIFIC	5.95	5.62	6.21	5.69	9.04	7.16	5.50	6.46	7.37
CALIFORNIA	6.34	5.69	6.56	5.81	10.72	9.08	5.66	7.23	8.81
HAWAII	8.61	7.93	3/	7.85	13.31	3/	7.98	3/	11.79
U. S.	5.52	5.23	4.96	5.15	8.58	7.32	5.24	6.55	5.95

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 I: 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.

4/ ANNUAL RATES ARE AVERAGES OF THE PUBLISHED WAGE RATES FOR EACH SURVEY WEEK WEIGHTED BY THE NUMBER OF HOURS WORKED DURING THE WEEK. THE ANNUAL AVERAGE FOR ALL STATES, REGIONS, AND THE U.S. IS BASED ON DATA COLLECTED FOR JANUARY, APRIL, JULY, AND OCTOBER 1990.

AGRICULTURAL SERVICES

Crew leaders and custom crews provided 296,000 workers for the Nation's farms and ranches during the week of October 7-13, 1990. This number was down 12,000 (4 percent) from a year earlier. Service workers in California numbered 68,000 compared with 62,000 last October. Florida's number decreased to 4,500 this year from 5,500 service workers in October 1989.

The average wages received by agricultural service workers in California and Florida were \$6.69 and \$6.24 per hour, respectively. Comparable wages in October 1989 were \$6.41 in California and \$5.15 in Florida.

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

ITEM	: OCT 8-14, 1989			: JUL 8-14, 1990			: OCT 7-13, 1990		
	: CALIF	: FLA	: US	: CALIF	: FLA	: US	: CALIF	: FLA	: US
	: THOUSANDS								
NUMBER OF WORKERS WORKING ON FARMS	62.0	5.5	308.0	67.0	4.0	356.0	68.0	4.5	296.0
	: HOURS 2/								
HOURS WORKED	37.8	31.3	-	37.4	26.8	-	34.5	30.5	-
	: DOLLARS PER HOUR 2/								
WAGE RATES 3/	6.41	5.15	-	5.82	6.11	-	6.69	6.24	-
METHOD OF PAY									
HOURLY	6.06	5.10	-	5.40	5.49	-	5.97	5.91	-
PIECE-RATE	7.00	4.91	-	7.10	7.30	-	7.98	6.07	-
TYPE OF WORK									
FIELD	6.17	4.85	-	5.49	5.75	-	6.42	5.64	-

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.

