
Farm Labor



National
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United States
Department of
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Agricultural
Statistics
Board

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FARM WAGES AVERAGED \$5.42 FOR OCTOBER

A total of 3.38 million persons worked on the Nation's farms and ranches during the week of October 8-14, 1989 according to the Agricultural Statistics Board. The workforce was comprised of 1.54 million self-employed farm operators, 549,000 unpaid workers, and 983,000 workers hired directly by farm operators. Rounding out the total were 308,000 agricultural service employees doing work on farms and ranches during the survey week.

The all hired farm worker wage rate for the October 1989 survey week averaged \$5.42 per hour, up 24 cents from a year earlier. Workers paid on an hourly basis earned \$5.23 per hour compared with \$4.94 last October. Wage rates for field and livestock workers were \$5.22 and \$4.76, respectively. During October 1988, field workers made \$4.95 while livestock workers averaged \$4.70 per hour.

During the current survey week, self-employed persons worked an average of 42.5 hours, 1.9 fewer hours than in the comparable week in 1988. Unpaid workers, who worked 15 hours or more during the week, put in 40.2 hours compared with 36.8 hours a year earlier. Hired workers spent an average of 42.3 hours doing agricultural work, up 0.4 hour from October of last year.

Benefits, such as housing and meals, were provided to 42 percent of the hired workers during the survey week. Last year 44 percent of the workforce received benefits in addition to cash wages. This year, 6 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 1988 and 1989 are printed on pages 13 and 14. The U.S. 1989 annual average rate for all hired workers was \$5.36 per hour compared with \$5.02 the previous year. The combined annual rate for field and livestock workers averaged \$5.02 per hour, 30 cents an hour more than in 1988.

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* The next issue of this report will be published *
* February 12, 1990. *

FARM ACTIVITIES DURING SURVEY WEEK

Dry weather throughout most of the Nation during the farm labor survey week of October 8-14, 1989 allowed row crop harvests to make good progress. Six to seven days were suitable for fieldwork in most States. Corn harvest was 46 percent complete by the week's end, 2 points ahead of normal. Soybeans were 55 percent harvested, 8 points ahead of the 5-year average. Cotton harvest lagged 9 points behind normal at 23 percent complete. Harvest was over 30 points behind average in Alabama, Arkansas, and Mississippi. Peanut harvest was ahead of normal in Georgia, but trailed the 5-year average in Alabama, North Carolina, and Texas. Winter wheat planting was 81 percent complete, 9 points ahead of normal. Early orange harvest was underway in the Rio Grande Valley of Texas. Grapefruit and lemon harvests continued in western Arizona. In Florida, fall vegetable harvests included snap beans, sweet corn, eggplant, peppers, and squash. Fall melon harvest was completed in California's central valley, but harvest was at a peak in the desert area.

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.

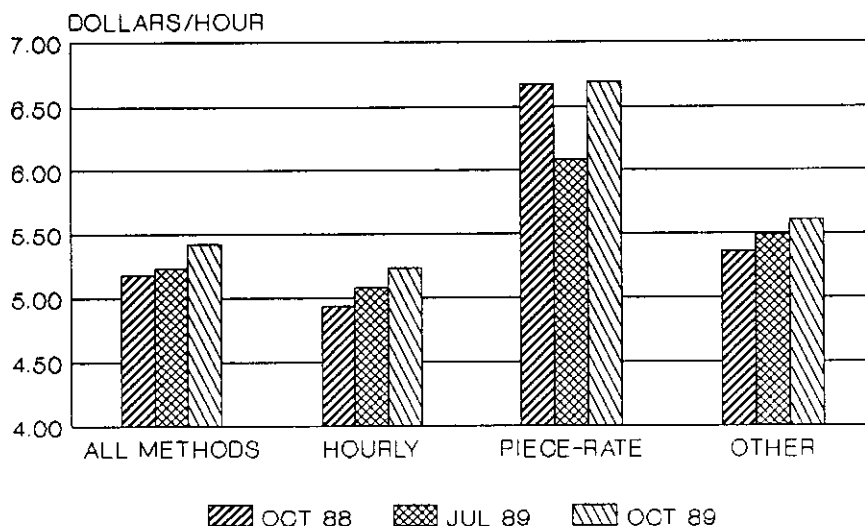
The estimates of agricultural labor are based on multiple frame probability surveys. The surveys utilize two sampling frames -- a list frame and an area frame. The list sample is a stratified random sample of producers likely to have hired farm workers. A probability sample from the area frame is used 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 2.0 and 3.5 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 1.2 percent at the U.S. level. The relative sampling error for hourly paid workers was 1.6 percent and 1.2 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

ITEM	FARM EMPLOYMENT		
	OCT 9-15, 1988	JUL 9-15, 1989	OCT 8-14, 1989
	THOUSANDS		
FARM WORKERS	2,913	3,448	3,076
SELF-EMPLOYED	1,405	1,628	1,544
UNPAID	532	623	549
HIRED	976	1,197	983
EXPECTED TO BE EMPLOYED			
150 DAYS OR MORE	634	695	613
149 DAYS OR LESS	342	502	370
AGRICULTURAL SERVICE WORKERS WORKING ON FARMS	274	351	308
TOTAL FARM & SERVICE WORKERS	3,187	3,799	3,384
INDEXES- SEASONALLY ADJUSTED			
1910-14=100			
ALL FARM WORKERS	21	20	22
HIRED WORKERS	25	22	25
1977=100			
ALL FARM WORKERS	70	68	73
HIRED WORKERS	71	63	72
	FARM WAGE RATES 1/ 2/		
ITEM	OCT 9-15, 1988	JUL 9-15, 1989	OCT 8-14, 1989
	DOLLARS PER HOUR		
ALL HIRED FARM WORKERS	5.18	5.23	5.42
METHOD OF PAY			
HOURLY	4.94	5.08	5.23
PIECE-RATE	6.67	6.08	6.68
OTHER	5.36	5.49	5.61
TYPE OF WORKER			
FIELD & LIVESTOCK COMBINED	4.88	4.92	5.11
FIELD	4.95	4.96	5.22
LIVESTOCK	4.70	4.79	4.76
SUPERVISORY	8.01	7.98	8.44
OTHER	6.39	7.53	7.05
INDEXES- SEASONALLY ADJUSTED			
ALL HIRED WORKERS			
1910-14=100	3,251	3,628	3,402
1977=100	171	191	179

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 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.	3076	1544	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			
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.

WORKERS ON FARMS, JULY 9-15, 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	130	47	26	57	40	17
NORTHEAST II	168	69	39	60	44	16
APPALACHIAN I	177	84	22	71	29	42
APPALACHIAN II	234	150	36	48	24	24
SOUTHEAST	178	87	21	70	38	32
FLORIDA	71	22	2	47	39	8
LAKE	397	190	100	107	49	58
CORNBELT I	359	206	81	72	37	35
CORNBELT II	269	151	57	61	24	37
DELTA	152	80	15	57	36	21
NORTHERN PLAINS	302	160	76	66	25	41
SOUTHERN PLAINS	266	160	43	63	49	14
MOUNTAIN I	102	44	25	33	20	13
MOUNTAIN II	84	32	22	30	23	7
MOUNTAIN III	53	11	24	18	15	3
PACIFIC	186	69	21	96	40	56
CALIFORNIA	305	63	12	230	153	77
HAWAII	15	3	1	11	10	1
U. S.	3448	1628	623	1197	695	502

HOURS WORKED PER WEEK AND WAGE RATES FOR ALL HIRED WORKERS, JULY 9-15, 1989 1/

STATE AND REGION 2/	HOURS WORKED			WAGE RATES FOR ALL HIRED WORKERS
	SELF-EMPLOYED	UNPAID	HIRED	
HOURS				DOLLARS PER HOUR
NORTHEAST I	55.4	47.0	43.8	5.11
NORTHEAST II	44.1	37.1	39.3	5.27
APPALACHIAN I	33.7	35.3	37.2	4.30
APPALACHIAN II	27.4	28.7	32.5	4.69
SOUTHEAST	27.8	40.5	31.4	4.50
FLORIDA	26.3	32.0	39.7	5.53
LAKE	53.7	40.2	39.3	4.57
CORNBELT I	41.5	35.3	34.8	4.84
CORNBELT II	43.8	36.2	27.0	5.19
DELTA	29.6	30.1	38.1	4.33
NORTHERN PLAINS	55.0	41.1	36.0	5.13
SOUTHERN PLAINS	38.5	39.7	44.8	4.94
MOUNTAIN I	54.9	44.9	49.5	4.69
MOUNTAIN II	57.6	36.4	48.6	4.47
MOUNTAIN III	46.6	44.6	52.9	4.94
PACIFIC	32.5	42.8	41.7	5.18
CALIFORNIA	39.3	32.4	44.0	6.42
HAWAII	32.9	27.5	38.6	8.64
U. S.	41.7	38.4	39.6	5.23

WAGE RATES FOR HIRED WORKERS, JULY 9-15, 1989 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	5.19	4.33	4.82	7.16	3/	5.35	4.71	4.71
NORTHEAST II	5.00	4.46	4.93	8.26	6.75	5.20	3/	5.55
APPALACHIAN I	4.03	4.58	4.15	6.40	3/	4.08	3/	5.07
APPALACHIAN II	4.43	4.69	4.54	6.68	3/	4.65	3/	4.84
SOUTHEAST	4.24	4.50	4.29	7.81	3/	4.07	6.69	4.92
FLORIDA	4.88	5.21	4.93	9.42	7.59	4.89	5.73	7.55
LAKE	4.37	4.21	4.31	7.01	3/	4.77	3/	4.08
CORNBELT I	4.53	5.17	4.68	6.80	3/	4.58	3/	5.52
CORNBELT II	5.20	4.85	5.12	6.42	5.12	4.99	3/	5.50
DELTA	4.14	4.10	4.13	6.21	3/	4.02	4.66	4.98
NORTHERN PLAINS	5.10	4.53	5.03	7.14	3/	4.89	8.48	4.66
SOUTHERN PLAINS	4.47	4.88	4.65	8.55	3/	4.79	3/	5.18
MOUNTAIN I	4.67	4.28	4.57	5.60	3/	4.70	6.39	4.41
MOUNTAIN II	4.03	4.81	4.38	4.85	3/	4.91	3.25	4.11
MOUNTAIN III	4.13	4.63	4.29	8.40	6.87	4.52	3/	5.69
PACIFIC	4.71	6.02	4.86	8.19	8.48	5.04	4.59	6.26
CALIFORNIA	5.90	6.58	5.96	10.80	9.07	5.95	7.65	9.19
HAWAII	8.02	3/	7.94	12.69	8.51	7.98	3/	11.52
U. S.	4.96	4.79	4.92	7.98	7.53	5.08	6.08	5.49

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, BY STATES AND REGIONS, OCTOBER 9-15, 1988 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	117	41	17	59	38	21
NORTHEAST II	140	62	23	55	42	13
APPALACHIAN I	118	54	19	45	24	21
APPALACHIAN II	190	112	36	42	19	23
SOUTHEAST	130	60	18	52	33	19
FLORIDA	83	22	5	56	45	11
LAKE	321	160	81	80	53	27
CORNBELT I	294	163	76	55	38	17
CORNBELT II	244	151	54	39	23	16
DELTA	160	80	25	55	34	21
NORTHERN PLAINS:	241	141	61	39	24	15
SOUTHERN PLAINS:	268	171	44	53	42	11
MOUNTAIN I	78	43	13	22	13	9
MOUNTAIN II	65	28	11	26	20	6
MOUNTAIN III	55	12	25	18	15	3
PACIFIC	116	47	11	58	27	31
CALIFORNIA	279	56	11	212	135	77
HAWAII	14	2	2	10	9	1
U. S.	2913	1405	532	976	634	342

HOURS WORKED PER WEEK AND WAGE RATES FOR ALL HIRED WORKERS, BY STATES AND REGIONS, OCTOBER 9-15, 1988 1/

STATE AND REGION 2/	HOURS WORKED			WAGE RATES FOR ALL HIRED WORKERS
	SELF-EMPLOYED	UNPAID	HIRED	
HOURS				DOLLARS PER HOUR
NORTHEAST I	54.5	39.8	42.4	5.24
NORTHEAST II	47.3	33.9	41.5	5.20
APPALACHIAN I	32.7	30.2	35.1	4.70
APPALACHIAN II	30.7	32.8	28.4	4.55
SOUTHEAST	38.9	39.1	34.8	4.42
FLORIDA	25.7	24.6	38.2	5.35
LAKE	55.6	39.0	45.8	4.83
CORNBELT I	49.7	36.2	42.9	4.96
CORNBELT II	52.1	37.7	40.1	4.53
DELTA	39.0	37.1	50.9	4.08
NORTHERN PLAINS:	54.2	42.8	44.7	5.02
SOUTHERN PLAINS:	33.9	32.1	43.3	4.75
MOUNTAIN I	46.3	35.5	50.3	4.50
MOUNTAIN II	47.4	36.2	45.3	4.94
MOUNTAIN III	33.5	32.9	43.3	5.10
PACIFIC	37.8	40.3	39.9	5.99
CALIFORNIA	37.2	39.7	43.5	6.03
HAWAII	32.9	27.4	37.1	7.78
U. S.	44.4	36.8	41.9	5.18

WAGE RATES FOR HIRED WORKERS, BY STATES AND REGIONS, OCTOBER 9-15, 1988 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	5.64	4.18	5.00	6.80	5.53	5.43	7.10	4.58
NORTHEAST II	5.17	4.14	4.94	7.52	5.59	5.08	6.04	4.87
APPALACHIAN I	4.34	4.74	4.43	7.50	3/	4.37	4.57	5.40
APPALACHIAN II	4.31	4.35	4.32	7.62	3/	4.46	3/	4.79
SOUTHEAST	3.94	4.68	4.21	7.86	3/	4.37	3/	4.55
FLORIDA	4.63	4.81	4.67	9.93	7.52	4.74	5.83	7.73
LAKE	5.10	3.92	4.55	7.18	3/	4.81	6.33	4.73
CORNBELT I	4.74	4.82	4.76	6.60	4.64	4.82	3/	5.21
CORNBELT II	4.33	4.88	4.46	6.51	3/	4.54	3/	4.53
DELTA	3.85	4.57	3.96	6.14	3/	3.97	3/	4.23
NORTHERN PLAINS	4.94	4.82	4.91	6.22	3/	5.05	3/	4.94
SOUTHERN PLAINS	3.99	4.78	4.38	8.76	6.81	4.35	3/	5.06
MOUNTAIN I	4.46	4.13	4.35	5.74	3/	4.51	3/	4.49
MOUNTAIN II	4.09	4.25	4.15	8.65	3/	5.21	5.75	4.43
MOUNTAIN III	4.76	4.78	4.77	7.39	3/	4.90	3/	5.62
PACIFIC	5.81	5.63	5.78	7.97	3/	5.19	6.74	6.53
CALIFORNIA	5.56	6.21	5.66	9.86	3/	5.45	7.30	7.79
HAWAII	7.35	3/	7.31	11.11	7.45	7.45	5.52	10.40
U. S.	4.95	4.70	4.88	8.01	6.39	4.94	6.67	5.36

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

REGIONS 2/	OCT 9-15, 1988				OCT 8-14, 1989			
	FIELD: CROPS:	OTHER: CROPS:	L'STK &: POULTRY:	ALL: FARMS:	FIELD: CROPS:	OTHER: CROPS:	L'STK &: POULTRY:	ALL: FARMS:
	DOLLARS PER HOUR							
NORTHEAST	5.16	5.82	3.86	4.97	5.72	5.74	4.32	5.07
APPALACHIAN	4.02	5.11	4.50	4.38	4.25	5.33	4.26	4.37
SOUTHEAST	3.85	4.62	4.62	4.44	3.90	4.80	4.76	4.56
LAKE	5.32	4.90	4.13	4.55	5.35	5.82	4.14	4.82
CORNBELT	4.54	5.46	4.57	4.63	5.07	4.45	4.91	4.90
DELTA	3.75	4.26	4.95	3.96	4.05	4.95	3.82	4.01
NORTHERN PLAINS	5.01	4.64	4.81	4.91	5.81	4.49	4.54	5.46
SOUTHERN PLAINS	4.06	3.50	4.75	4.38	4.78	4.93	4.68	4.75
MOUNTAIN	4.62	4.18	4.26	4.39	4.70	4.79	4.30	4.55
PACIFIC	5.41	5.65	6.09	5.68	5.67	5.94	6.19	5.93
48 STATES	4.48	5.40	4.63	4.86	4.92	5.58	4.63	5.08

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

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

REGIONS 2/	OCT 9-15, 1988				OCT 8-14, 1989			
	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	4.71	4.32	4.17	6.14	5.22	5.82	4.34	4.35
APPAL.	4.16	4.37	4.30	5.33	4.63	4.11	4.11	4.45
S. EAST	4.59	4.42	4.09	5.42	4.92	4.07	4.51	4.34
LAKE	4.13	4.30	4.48	5.41	4.83	4.96	4.42	4.21
CORNBELT	4.54	4.78	4.41	5.21	4.79	5.32	4.99	4.75
DELTA	5.14	3.76	3.94	4.06	4.08	3.73	3.84	3.92
N. PLAINS:	4.32	4.34	4.61	5.76	5.02	4.70	4.29	5.81
S. PLAINS:	4.31	4.14	4.49	5.32	4.75	4.08	4.44	5.00
MOUNT	6.36	4.27	4.63	4.73	4.83	4.40	4.35	4.40
PACIFIC	5.62	5.73	5.62	6.13	6.02	6.08	6.02	5.74
48 STATES:	4.77	4.53	4.51	5.66	5.15	4.80	4.74	4.82

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	OCT 9-15, 1988	JUL 9-15, 1989	OCT 8-14, 1989
PERCENT OF FIELD AND LIVESTOCK WORKERS 2/			
FIELD CROPS	28	32	28
OTHER CROPS	38	39	39
LIVESTOCK, DAIRY, & POULTRY	34	29	33
	100.0	100.0	100.0

1/ 48 STATES, EXCLUDING ALASKA AND HAWAII.

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

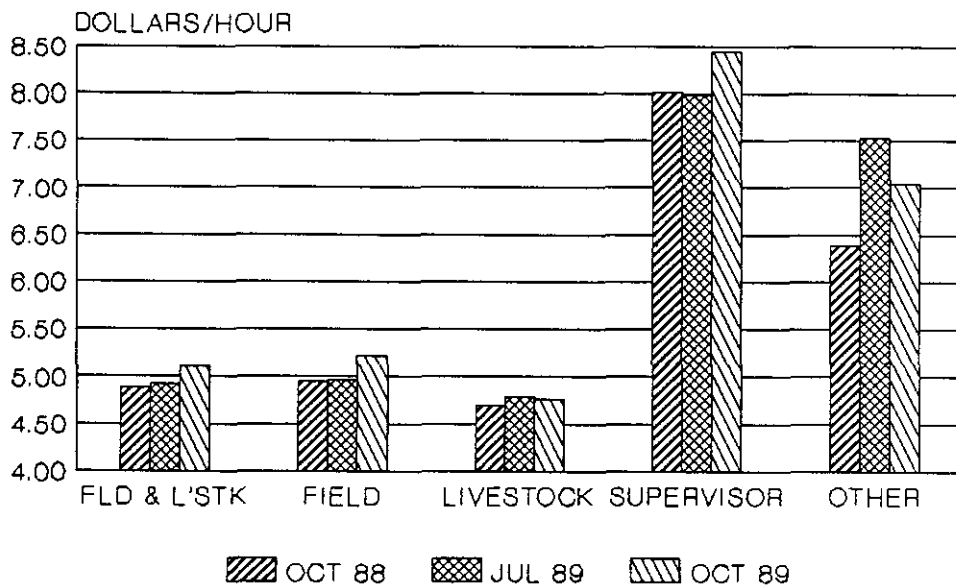
DISTRIBUTION OF HIRED WORKERS, BY ECONOMIC CLASS OF FARM, 48 STATES 1/

GROSS VALUE OF SALES	OCT 9-15, 1988	JUL 9-15, 1989	OCT 8-14, 1989
PERCENT OF HIRED WORKERS 2/			
LESS THAN \$40,000	15	15	13
\$40,000-\$99,999	13	14	14
\$100,000-\$249,999	22	18	22
\$250,000 AND OVER	50	53	51
	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 9-15, 1988	JUL 9-15, 1989	OCT 8-14, 1989
	PERCENT OF HIRED WORKERS		
EMPLOYED ON FARMS HIRING:			
1 WORKER	15	12	14
2 WORKERS	12	10	12
3-6 WORKERS	24	22	22
7-10	9	9	9
11 AND OVER WORKERS	40	47	43
	100.0	100.0	100.0
PAYMENT METHOD:			
HOURLY	66	73	70
PIECE-RATE	9	7	9
OTHER METHODS	25	20	21
	100.0	100.0	100.0
BENEFITS: 2/			
HOUSING AND MEALS	7	6	6
HOUSING (NO MEALS)	16	13	14
MEALS (NO HOUSING)	5	4	5
BONUS	5	5	5
OTHER BENEFITS	11	17	12
WAGES ONLY	56	55	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, 1988 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	5.02	5.24	4.14	4.73	7.17	6.09	5.11	6.80	4.72
NORTHEAST II	5.06	4.88	4.30	4.73	7.52	6.39	4.93	5.53	5.17
APPALACHIAN I	4.44	4.15	4.78	4.27	7.21	3/	4.23	4.11	5.17
APPALACHIAN II	4.49	4.08	4.37	4.22	7.68	3/	4.36	3/	4.93
SOUTHEAST	4.30	3.91	4.55	4.12	6.83	3/	4.36	3.87	4.26
FLORIDA	5.67	5.32	4.93	5.28	9.35	7.83	5.04	6.89	7.52
LAKE	4.48	4.69	3.68	4.24	6.67	3/	4.53	5.03	4.34
CORNBELT I	5.09	4.82	4.73	4.79	6.99	5.32	4.97	3/	5.33
CORNBELT II	4.74	4.38	4.74	4.50	7.93	3/	4.52	3/	5.31
DELTA	4.06	3.83	4.19	3.91	6.16	3/	3.96	3/	4.23
NORTHERN PLAINS:	4.83	4.80	4.53	4.72	6.09	5.40	4.84	5.30	4.73
SOUTHERN PLAINS:	4.78	4.27	4.73	4.45	8.37	7.01	4.47	3/	5.22
MOUNTAIN I	4.21	4.14	3.89	4.05	5.38	3/	4.53	3/	4.01
MOUNTAIN II	4.87	4.28	4.69	4.49	7.92	3/	5.04	4.24	4.62
MOUNTAIN III	5.04	4.60	4.64	4.61	7.47	6.83	4.92	6.13	5.03
PACIFIC	5.32	5.03	5.44	5.09	7.56	3/	4.92	5.47	6.36
CALIFORNIA	6.02	5.47	6.14	5.57	10.36	3/	5.33	6.83	8.23
HAWAII	7.91	7.42	3/	7.37	11.33	7.97	7.54	3/	10.35
U. S.	5.02	4.78	4.57	4.72	7.86	6.69	4.81	5.75	5.34

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.

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 CALIFORNIA, FLORIDA, HAWAII, THE SOUTHERN PLAINS, AND MOUNTAIN III REGIONS IS BASED ON DATA COLLECTED FOR JANUARY, APRIL, JULY, AND OCTOBER. THE ANNUAL AVERAGE FOR THE REMAINING REGIONS AND THE U.S. IS BASED ON DATA COLLECTED FOR APRIL, JULY, AND OCTOBER 1988.

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: 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. ALL STATES CONDUCTED QUARTERLY SURVEYS BEGINNING IN JANUARY 1989. PREVIOUSLY, ONLY CALIFORNIA, FLORIDA, HAWAII, THE SOUTHERN PLAINS, AND MOUNTAIN III CONDUCTED SURVEYS IN ALL FOUR QUARTERS.

AGRICULTURAL SERVICES

Crew leaders and custom crews provided 308,000 workers for the Nation's farms and ranches during the week of October 8-14, 1989. This number was up 34,000 (12 percent) from a year earlier. Service workers in California numbered 62,000 compared with 29,000 last October. Florida's number increased to 5,500 this year from 5,400 service workers in October 1988.

The average wages received by agricultural service workers in California and Florida were \$6.41 and \$5.15 per hour, respectively. Comparable wages in October 1988 were \$6.16 in California and \$4.98 in Florida.

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

ITEM	OCT 9-15, 1988			JUL 9-15, 1989			OCT 8-14, 1989		
	CALIF	FLA	US	CALIF	FLA	US	CALIF	FLA	US
	THOUSANDS								
NUMBER OF WORKERS WORKING ON FARMS:	29.0	5.4	274.0	60.0	1.0	351.0	62.0	5.5	308.0
	HOURS 2/								
HOURS WORKED	35.6	31.5	-	40.3	42.2	-	37.8	31.3	-
	DOLLARS PER HOUR 2/								
WAGE RATES 3/	6.16	4.98	-	5.80	5.55	-	6.41	5.15	-
METHOD OF PAY									
HOURLY	5.18	4.36	-	5.21	5.03	-	6.06	5.10	-
PIECE-RATE	7.55	5.79	-	7.65	4/	-	7.00	4.91	-
TYPE OF WORK									
FIELD	5.76	4.43	-	5.56	4.65	-	6.17	4.85	-

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.