

Farm Labor



National
Agricultural
Statistics
Service
Fact Finding
for Agriculture

United States
Department of
Agriculture

Agricultural
Statistics
Board

Washington, D.C.

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NUMBER OF WORKERS AND WAGE RATES INCREASE

A total of 3.19 million persons worked on the Nation's farms and ranches during the week of October 9-15, 1988, according to the Agricultural Statistics Board. This number compares with 3.07 million workers during the comparable week in 1987. The workforce was comprised of 1.41 million self-employed farm operators, 532,000 unpaid workers, and 976,000 workers hired directly by farm operators. Rounding out the total were 274,000 agricultural service employees doing work on farms and ranches during the survey week.

The all hired farm worker wage rate for the October 1988 survey week averaged \$5.18 per hour, up 26 cents from a year earlier. Workers paid on a hourly basis earned \$4.94 per hour compared with \$4.72 last October. Wage rates for field and livestock workers were \$4.95 and \$4.70, respectively. During October 1987, field workers made \$4.80 while livestock workers earned \$4.27.

During the current survey week, self-employed persons worked an average of 44.4 hours, 2.2 fewer hours than in the comparable week in 1987. Unpaid workers, who worked 15 hours or more during the week, put in 36.8 hours compared with 37.3 hours a year earlier. Hired workers spent an average of 41.9 hours doing agricultural work, up 1.4 hours from October of last year.

Perquisites, such as housing and meals, were provided to 44 percent of the hired workers. Housing was furnished to 16 percent of the workers, compared with 13 percent a year ago.

ANNUAL AVERAGE WAGE RATES

Annual average wage rates for 1987 and 1988 are printed on pages 13 and 14 by Regions and selected States. The U.S. 1988 annual average rate for all hired workers was \$5.02 per hour compared with \$4.87 the previous year. The combined annual rate for field and livestock workers averaged \$4.72 per hour, 15 cents an hour more than in 1987.

* NOTICE *
* * * * *
* Requests for a subscription order form covering all available reports *
* should be directed to Agricultural Statistics Board Publications, Room *
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* * * * *
* The next issue of this report will be published February 1989 *

FARM ACTIVITIES DURING SURVEY WEEK

Dry weather throughout most of the Nation during the farm labor survey week of October 9-15, 1988 allowed harvest to progress ahead of normal for most crops. Generally, 6 to 7 days were suitable for fieldwork. By the week's end, corn harvest was 63 percent complete, well ahead of the five-year average of 44 percent. Soybeans were 61 percent harvested, 13 points ahead of the average. Harvest advanced 20 or more percentage points from the previous week in 7 of the 19 major soybean producing States. Cotton harvest, at 33 percent complete, was normal. The Texas harvest was 25 percent complete, 5 points ahead of normal. Peanut harvest was behind normal in the Southeast. Georgia's harvest was 66 percent complete, 13 points below average. Cool temperatures delayed maturity. Winter wheat seeding was 82 percent complete, 9 points ahead of the 5-year average. In Florida, fall vegetable harvest included cucumbers, eggplant, sweetcorn and squash. Grapefruit harvest began in Texas and orange harvest became more active. Grapefruit, lemon, cantaloup and honeydew harvest continued in Arizona.

SOURCE AND RELIABILITY OF ESTIMATES

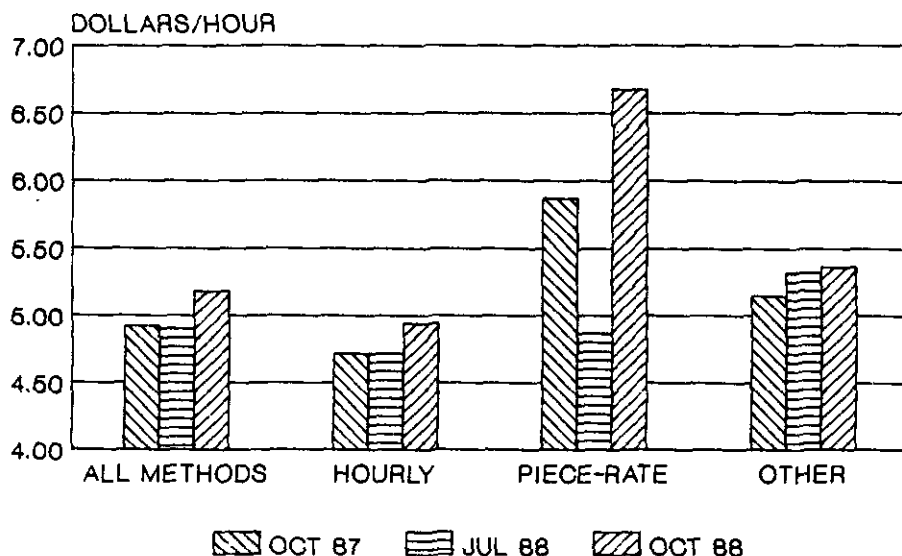
The estimates of agricultural labor are based on multiple frame probability surveys. The surveys utilize two sampling frames -- a list frame and an area frame. The list sample is a stratified random sample of producers likely to have hired farm workers. A probability sample from the area frame is used 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 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 3.6 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 1.3 percent and was 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,
OCTOBER 9-15, 1988, WITH COMPARISONS

ITEM	FARM EMPLOYMENT		
	OCT 11-17, 1987	JUL 10-16, 1988	OCT 9-15, 1988
	THOUSANDS		
FARM WORKERS	2,843	3,218	2,913
SELF-EMPLOYED	1,322	1,427	1,405
UNPAID	524	591	532
HIRED	997	1,200	976
EXPECTED TO BE EMPLOYED			
150 DAYS OR MORE	664	679	634
149 DAYS OR LESS	333	521	342
AGRICULTURAL SERVICES WORKERS WORKING ON FARMS	227	303	274
TOTAL FARM & SERVICE WORKERS	3,070	3,521	3,187
INDEXES- SEASONALLY ADJUSTED 1910-14=100			
ALL FARM WORKERS	21	19	21
HIRED WORKERS	26	22	25
1977=100			
ALL FARM WORKERS	69	64	70
HIRED WORKERS	73	63	71
ITEM	FARM WAGE RATES 1/ 2/		
	OCT 11-17, 1987	JUL 10-16, 1988	OCT 9-15, 1988
	DOLLARS PER HOUR		
ALL HIRED FARM WORKERS	4.92	4.90	5.18
METHOD OF PAY			
HOURLY	4.72	4.72	4.94
PIECE-RATE	5.88	4.87	6.67
OTHER	5.15	5.32	5.36
TYPE OF WORKER			
FIELD & LIVESTOCK COMBINED	4.64	4.60	4.88
FIELD	4.80	4.63	4.95
LIVESTOCK	4.27	4.50	4.70
SUPERVISORY	7.54	7.70	8.01
OTHER	6.59	7.06	6.39
INDEXES- SEASONALLY ADJUSTED ALL HIRED WORKERS			
1910-14=100	3,088	3,399	3,251
1977=100	162	179	171

1/ PERQUISITES SUCH AS ROOM AND BOARD, HOUSING, ETC., ARE PROVIDED SOME WORKERS BUT THE VALUES ARE NOT INCLUDED IN THE WAGE RATES. 2/ EXCLUDES AGRICULTURAL SERVICE WORKERS.

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	
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	SUPER-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.

WORKERS ON FARMS, BY STATES AND REGIONS, JULY 10-16, 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	116	39	17	60	38	22
NORTHEAST II	153	58	29	66	44	22
APPALACHIAN I	150	59	18	73	24	49
APPALACHIAN II	174	112	29	33	19	14
SOUTHEAST	149	57	19	73	32	41
FLORIDA	61	20	4	37	33	4
LAKE	391	180	103	108	56	52
CORNBELT I	273	146	63	64	36	28
CORNBELT II	280	157	67	56	30	26
DELTA	144	77	17	50	37	13
NORTHERN PLAINS:	292	144	72	76	33	43
SOUTHERN PLAINS:	307	167	55	85	51	34
MOUNTAIN I	105	47	22	36	18	18
MOUNTAIN II	85	32	21	32	16	16
MOUNTAIN III	53	13	23	17	14	3
PACIFIC	180	57	15	108	32	76
CALIFORNIA	290	59	16	215	156	59
HAWAII	15	3	1	11	10	1
U. S.	3218	1427	591	1200	679	521

HOURS WORKED PER WEEK AND WAGE RATES FOR ALL HIRED WORKERS,
BY STATES AND REGIONS, JULY 10-16, 1988 1/

STATE AND REGION 2/	HOURS WORKED			WAGE RATES FOR ALL HIRED WORKERS
	SELF- EMPLOYED	UNPAID	HIRED	
	HOURS			DOLLARS PER HOUR
NORTHEAST I	53.5	40.2	41.5	4.93
NORTHEAST II	47.7	37.0	40.9	5.02
APPALACHIAN I	34.0	35.5	28.8	4.08
APPALACHIAN II	28.9	34.4	33.1	4.63
SOUTHEAST	36.4	36.6	29.7	4.24
FLORIDA	26.5	32.2	39.1	5.54
LAKE	56.3	37.3	38.2	4.22
CORNBELT I	43.8	36.1	36.4	4.82
CORNBELT II	46.5	35.7	30.7	4.86
DELTA	36.6	35.2	42.2	3.99
NORTHERN PLAINS:	59.7	42.8	35.7	4.78
SOUTHERN PLAINS:	36.8	35.9	39.0	4.66
MOUNTAIN I	49.4	41.6	44.1	4.12
MOUNTAIN II	56.1	34.0	37.2	4.89
MOUNTAIN III	37.7	37.0	51.0	4.78
PACIFIC	39.2	37.8	36.7	4.83
CALIFORNIA	39.9	37.5	39.9	6.00
HAWAII	29.6	28.1	38.7	7.76
U. S.	44.4	37.3	37.4	4.90

WAGE RATES FOR HIRED WORKERS, BY STATES AND REGIONS, JULY 10-16, 1988 1/

STATE AND REGION 2/	TYPE OF WORKER						METHOD OF PAY	
	FIELD	LIVESTOCK	LIVESTOCK	FIELD & VISORY	SUPER-OTHER	HOURLY	PIECE RATE	OTHER
DOLLARS PER HOUR								
NORTHEAST I	4.88	4.26	4.60	7.37	6.84	4.99	3/	4.83
NORTHEAST II	4.70	4.46	4.65	7.41	7.08	4.83	4.72	5.57
APPALACHIAN I	3.95	4.52	4.02	3/	3/	3.99	3.93	4.52
APPALACHIAN II	4.07	4.45	4.27	7.65	3/	4.40	3/	5.31
SOUTHEAST	3.90	4.56	4.08	6.27	3/	4.39	3.95	4.13
FLORIDA LAKE	4.82	5.08	4.89	8.81	8.10	4.83	3/	7.82
CORNBELT I	4.63	4.73	4.67	6.03	3/	4.70	3/	5.17
CORNBELT II	4.49	4.59	4.52	8.58	3/	4.47	3/	5.75
DELTA	3.85	3.68	3.79	6.31	3/	4.07	3/	3.82
NORTHERN PLAINS	4.71	4.48	4.66	6.50	5.67	4.74	5.20	4.73
SOUTHERN PLAINS	3.95	4.73	4.26	8.28	7.20	4.15	4.11	5.39
MOUNTAIN I	3.91	3.83	3.88	6.23	3/	4.54	3.38	3.92
MOUNTAIN II	4.33	5.05	4.75	6.62	3/	5.00	3/	4.74
MOUNTAIN III	4.18	4.63	4.33	7.07	6.33	4.48	3/	5.31
PACIFIC	4.60	5.32	4.68	6.76	3/	4.67	4.67	5.90
CALIFORNIA	5.45	6.17	5.52	10.77	8.39	5.30	6.77	8.84
HAWAII	7.45	3/	7.41	10.83	7.44	7.46	3/	9.60
U. S.	4.63	4.50	4.60	7.70	7.06	4.72	4.87	5.32

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 11-17, 1987 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	36	15	61	42	19
NORTHEAST II	141	62	30	49	39	10
APPALACHIA I	131	55	25	51	27	24
APPALACHIA II	151	92	26	33	13	20
SOUTHEAST	111	54	15	42	24	18
FLORIDA	74	16	3	55	50	5
LAKE	354	172	96	86	55	31
CORNBELT I	297	163	58	76	51	25
CORNBELT II	264	154	70	40	23	17
DELTA	131	65	15	51	32	19
NORTH PLAINS	240	141	53	46	33	13
SOUTH PLAINS	277	143	43	91	65	26
MOUNTAIN I	78	35	19	24	14	10
MOUNTAIN II	65	27	12	26	14	12
MOUNTAIN III	50	10	24	16	14	2
PACIFIC	107	38	11	58	31	27
CALIFORNIA	245	56	8	181	127	54
HAWAII	15	3	1	11	10	1
U. S.	2843	1322	524	997	664	333

HOURS WORKED PER WEEK AND WAGE RATES FOR ALL HIRED WORKERS,
BY STATES AND REGIONS, OCTOBER 11-17, 1987 1/

STATE AND REGION 2/	HOURS WORKED			WAGE RATES FOR ALL HIRED WORKERS
	SELF- EMPLOYED	UNPAID	HIRED	
HOURS				DOLLARS PER HOUR
NORTHEAST I	57.0	38.1	44.5	4.63
NORTHEAST II	50.1	39.0	38.2	5.35
APPALACHIA I	36.8	29.4	30.6	4.67
APPALACHIA II	32.7	30.6	30.9	4.16
SOUTHEAST	34.1	31.7	33.2	4.01
FLORIDA	31.4	30.4	41.6	5.15
LAKE	59.8	36.9	41.0	4.45
CORNBELT I	47.4	36.8	38.4	4.70
CORNBELT II	54.9	44.6	45.7	4.32
DELTA	40.2	33.6	49.2	4.05
NORTH PLAINS	57.3	43.9	47.7	4.44
SOUTH PLAINS	33.6	33.9	38.9	5.02
MOUNTAIN I	48.0	30.0	47.8	4.28
MOUNTAIN II	49.6	41.7	44.8	4.58
MOUNTAIN III	43.8	34.7	44.0	4.85
PACIFIC	37.6	39.1	41.0	6.15
CALIFORNIA	37.3	32.1	39.9	5.85
HAWAII	30.6	28.1	37.3	8.18
U. S.	46.6	37.3	40.5	4.92

WAGE RATES FOR HIRED WORKERS, BY STATES AND REGIONS, OCTOBER 11-17, 1987 1/

STATE AND REGION 2/	TYPE OF WORK					METHOD OF PAY		
	FIELD	LIVESTOCK	LIVESTOCK & VISORY	SUPERVISORY	OTHER	HOURLY	PIECE RATE	OTHER
	DOLLARS PER HOUR							
NORTHEAST I	4.67	4.00	4.42	6.64	3/	4.74	5.71	4.32
NORTHEAST II	5.48	3.64	4.99	7.54	6.94	5.67	5.67	4.68
APPALACHIAN I	4.45	4.57	4.49	6.41	6.14	4.49	5.32	5.07
APPALACHIAN II	3.81	4.26	3.98	6.87	3/	3.89	5.88	5.16
SOUTHEAST	3.73	4.10	3.84	6.81	5.28	4.02	3/	3.99
FLORIDA	4.66	4.52	4.65	8.86	7.15	4.85	4.01	7.06
LAKE	4.92	3.68	4.35	5.73	3/	4.77	5.98	3.66
CORNBELT I	4.38	4.54	4.42	7.96	3/	4.56	3/	5.10
CORNBELT II	4.29	3.87	4.18	7.41	3/	4.16	3/	4.78
DELTA	3.84	4.31	3.94	6.04	3/	3.96	3/	4.29
NORTHERN PLAINS	4.90	3.88	4.35	5.19	5.55	4.23	3/	5.11
SOUTHERN PLAINS	4.59	4.73	4.65	8.47	3/	4.68	4.62	5.59
MOUNTAIN I	4.46	3.82	4.21	4.89	3/	4.64	4.80	3.60
MOUNTAIN II	4.69	3.97	4.49	5.17	3/	4.66	3/	4.45
MOUNTAIN III	4.51	4.11	4.36	7.52	3/	4.51	6.32	5.20
PACIFIC	6.11	5.56	6.04	6.59	7.39	5.40	7.03	6.07
CALIFORNIA	5.20	6.05	5.32	9.70	7.86	5.20	6.95	8.18
HAWAII	7.67	3/	7.62	11.36	8.43	7.87	3/	10.36
U. S.	4.80	4.27	4.64	7.54	6.59	4.72	5.88	5.15

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 11-17, 1987				OCT 9-15, 1988			
	FIELD: CROPS:	OTHER: CROPS:	L'STK &: POULTRY:	ALL : FARMS:	FIELD: CROPS:	OTHER: CROPS:	L'STK &: POULTRY:	ALL : FARMS:
	DOLLARS PER HOUR							
NORTHEAST	4.17	5.86	3.59	4.67	5.16	5.82	3.86	4.97
APPALACHIAN	3.74	5.23	4.20	4.29	4.02	5.11	4.50	4.38
SOUTHEAST	3.41	4.61	4.46	4.33	3.85	4.62	4.62	4.44
LAKE	4.86	5.79	3.58	4.35	5.32	4.90	4.13	4.55
CORNBELT	4.20	4.13	4.61	4.32	4.54	5.46	4.57	4.63
DELTA	3.80	4.78	4.24	3.94	3.75	4.26	4.95	3.96
NORTHERN PLAINS	5.14	6.25	3.74	4.35	5.01	4.64	4.81	4.91
SOUTHERN PLAINS	4.10	5.28	4.48	4.65	4.06	3.50	4.75	4.38
MOUNTAIN	4.48	4.69	3.98	4.35	4.62	4.18	4.26	4.39
PACIFIC	5.12	5.47	6.20	5.53	5.41	5.65	6.09	5.68
48 STATES	4.28	5.28	4.20	4.62	4.48	5.40	4.63	4.86

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 11-17, 1987				OCT 9-15, 1988			
	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	3.73	3.77	4.37	5.80	4.96	4.71	4.32	4.17
APPAL.	3.61	4.18	4.08	5.33	4.48	4.16	4.37	4.30
S. EAST	4.11	3.53	4.41	5.18	4.72	4.59	4.42	4.09
LAKE	4.41	3.22	4.08	5.46	4.45	4.13	4.30	4.48
CORNBELT	3.77	4.37	4.61	4.75	4.55	4.54	4.78	4.41
DELTA	4.61	3.79	4.00	4.10	4.05	5.14	3.76	3.94
N. PLAINS:	4.20	4.93	5.13	4.23	4.44	4.32	4.34	4.61
S. PLAINS:	4.04	4.87	4.65	5.49	5.02	4.31	4.14	4.49
MOUNT	4.95	3.99	4.30	4.75	4.52	6.36	4.27	4.63
PACIFIC	6.01	5.62	5.89	5.97	5.94	5.62	5.73	5.62
48 STATES:	4.38	4.19	4.54	5.31	4.89	4.77	4.53	4.51

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 11-17, 1987	JUL 10-16, 1988	OCT 9-15, 1988
PERCENT OF FIELD AND LIVESTOCK WORKERS 2/			
FIELD CROPS	27	35	28
OTHER CROPS	40	34	38
LIVESTOCK, DAIRY, & POULTRY	33	31	34
	100.0	100.0	100.0

1/ 48 STATES, EXCLUDING ALASKA AND HAWAII.

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

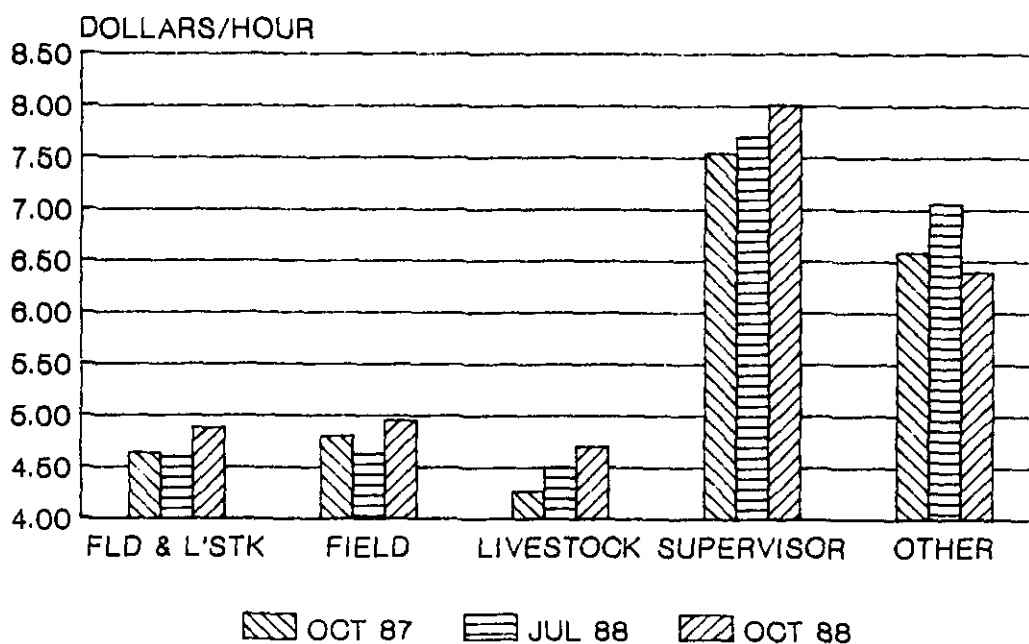
DISTRIBUTION OF HIRED WORKERS, BY ECONOMIC CLASS OF FARM, 48 STATES 1/

GROSS VALUE OF SALES	OCT 11-17, 1987	JUL 10-16, 1988	OCT 9-15, 1988
PERCENT OF HIRED WORKERS 2/			
LESS THAN \$40,000	15	19	15
\$40,000-\$99,999	16	16	13
\$100,000-\$249,999	21	21	22
\$250,000 AND OVER	48	44	50
	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 11-17, : 1987	: JUL 10-16, : 1988	: OCT 9-15, : 1988
	PERCENT OF HIRED WORKERS		
EMPLOYED ON FARMS HIRING:			
1 WORKER	15	14	15
2 WORKERS	11	11	12
3-6 WORKERS	23	25	24
7-10 WORKERS	9	8	9
11 AND OVER WORKERS	42	42	40
	100.0	100.0	100.0
PAYMENT METHOD:			
HOURLY	68	68	66
PIECE-RATE	9	10	9
OTHER METHODS	23	22	25
	100.0	100.0	100.0
PERQUISITES:			
WAGES ONLY	56	56	56
BONUS	5	4	5
ROOM AND BOARD	7	8	7
HOUSING	13	15	16
MEALS OR FOOD	5	5	5
OTHER PERQUISITES	14	12	11
	100.0	100.0	100.0

1/ EXCLUDES AGRICULTURAL SERVICE WORKERS.

ANNUAL AVERAGE WAGE RATES FOR HIRED WORKERS, 1987 1/4/

STATE AND REGION 2/	TYPE OF WORKER					METHOD OF PAY			
	ALL HIRED:	FIELD:	LIVE- STOCK:	LIVE- STOCK &: VISORY:	SUPER- OTHER:	PIECE RATE	HOURLY	OTHER	
DOLLARS PER HOUR									
NORTHEAST I	4.60	4.64	3.84	4.32	6.79	6.18	4.75	5.76	4.23
NORTHEAST II	5.25	5.19	3.91	4.83	7.72	6.62	5.14	6.92	5.24
APPALACHIAN I	4.45	4.06	4.46	4.17	7.52	3/	4.17	5.15	5.27
APPALACHIAN II	4.03	3.74	4.08	3.90	6.52	3/	3.82	3/	4.84
SOUTHEAST	4.05	3.69	4.32	3.88	6.85	4.86	3.97	4.90	4.18
FLORIDA	5.51	4.92	4.80	4.91	9.09	6.97	4.74	6.25	6.88
LAKE	4.37	4.59	3.74	4.22	6.77	3/	4.43	5.42	4.07
CORNBELT I	4.91	4.69	4.42	4.60	7.95	3/	4.77	3/	5.17
CORNBELT II	4.48	4.20	4.34	4.25	8.18	3/	4.39	3/	4.72
DELTA	4.07	3.84	4.16	3.91	6.33	3/	3.95	3/	4.42
NORTHERN PLAINS	4.50	4.53	4.11	4.35	5.89	5.51	4.42	3/	4.52
SOUTHERN PLAINS	4.79	4.42	4.54	4.47	7.76	5.79	4.54	4.65	5.23
MOUNTAIN I	4.05	4.10	3.61	3.95	5.18	3/	4.36	4.79	3.66
MOUNTAIN II	4.43	4.44	3.95	4.29	5.70	3/	4.54	3/	4.30
MOUNTAIN III	4.69	4.32	4.25	4.30	7.16	5.52	4.33	3/	5.36
PACIFIC	5.42	5.24	5.37	5.26	7.01	3/	5.05	6.08	5.90
CALIFORNIA	5.90	5.35	5.81	5.41	10.01	7.66	5.23	6.53	8.30
HAWAII	8.10	7.63	3/	7.53	11.16	8.47	7.70	3/	10.40
U. S.	4.87	4.69	4.29	4.57	7.76	6.45	4.66	5.81	5.14

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 CALIFORNIA, FLORIDA, HAWAII, THE SOUTHERN PLAINS, AND MOUNTAIN III REGIONS IS BASED ON DATA COLLECTED FOR JAN, APR, JUL, AND OCT. THE ANNUAL AVERAGE FOR THE REMAINING REGIONS AND THE U.S. IS BASED ON DATA COLLECTED FOR APR, JUL, AND OCT 1987.

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	FIELD & 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 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 CALIFORNIA, FLORIDA, HAWAII, THE SOUTHERN PLAINS, AND MOUNTAIN III REGIONS IS BASED ON DATA COLLECTED FOR JAN, APR, JUL, AND OCT. THE ANNUAL AVERAGE FOR THE REMAINING REGIONS AND THE U.S. IS BASED ON DATA COLLECTED FOR APR, JUL, AND OCT 1988.

AGRICULTURAL SERVICES

Crew leaders and custom crews provided 274,000 workers for the Nation's farms and ranches during the week of October 9-15, 1988. This number is an increase of 47,000 workers (21 percent) from October 1987. Service workers in California totaled 29,000, down 6,000 workers from last year. Florida's number increased to 5,400 workers compared with 2,500 in October 1987.

The average wages received by agricultural service workers in California and Florida were \$6.16 and \$4.98, respectively. Comparable wages for the same time period a year earlier were \$6.40 in California and \$5.10 in Florida.

AGRICULTURAL SERVICES: WORKERS, HOURS WORKED, AND WAGE RATES,
CALIFORNIA, FLORIDA, AND UNITED STATES 1/

ITEM	OCT 11-17, 1987			JUL 10-16, 1988			OCT 9-15, 1988		
	CALIF	FLA	US	CALIF	FLA	US	CALIF	FLA	US
	THOUSANDS								
NUMBER OF WORKERS WORKING ON FARMS	35.0	2.5	227.0	52.0	2.8	303.0	29.0	5.4	274.0
	HOURS 2/								
HOURS WORKED	39.8	33.4	-	37.6	43.0	-	35.6	31.5	-
	DOLLARS PER HOUR 2/								
WAGE RATES 3/	6.40	5.10	-	5.74	5.19	-	6.16	4.98	-
METHOD OF PAY									
HOURLY	5.80	5.11	-	5.20	4.60	-	5.18	4.36	-
PIECE-RATE	7.02	4.59	-	6.56	4/	-	7.55	5.79	-
TYPE OF WORK									
FIELD	6.00	4.57	-	5.50	4.70	-	5.76	4.43	-

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/ PERQUISITES SUCH AS ROOM AND BOARD, HOUSING, ETC., ARE PROVIDED SOME WORKERS BUT THE VALUES ARE NOT INCLUDED IN THE WAGE RATES. 4/ INSUFFICIENT DATA.