

FARM LABOR



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FARM WORKERS 2 PERCENT BELOW LAST YEAR

Total employment on United States farms during the survey week of October 8-14, 1978 was estimated at 4.06 million workers, 2 percent less than October 1977. Farm operators working one hour or more and unpaid family members working 15 hours or more totaled 2.76 million and hired workers numbered 1.31 million.

All family members worked an average of 40.4 hours during the October 1978 survey week compared to 39.0 hours in October 1977. Farm operators reported working an average of 41.6 hours compared to 40.1 last year and unpaid family members worked 37.7 hours compared to 36.8 the previous year. Hired workers averaged 38.8 hours for the week compared with 39.4 a year earlier.

WAGE RATES ABOVE YEAR AGO

Farm wage rates for all methods of pay converted to an hourly rate averaged \$3.18 during the week of October 14, 1978. This was 19 cents above the average of \$2.99 per hour paid a year ago. Hourly workers receiving only cash wages averaged \$3.34 per hour compared with \$3.24 a year earlier. Field workers received an average of \$3.06 compared to \$2.87 a year ago. Livestock workers hourly wages averaged \$2.77, up 15 cents from the \$2.62 per hour for the October 1977 survey week.

The number of farm labor employers contacted for the October Quarterly Labor Survey was reduced due to a reduction in funds available to conduct the survey. Estimates are not published for some items shown in previous reports. State and regional estimates not published because of a decrease in data reliability are: (1) numbers of field and livestock workers; (2) percent of hired workers by size of work force; (3) percent of workers receiving perquisites by type of perquisite received; and (4) average pay received by type of perquisite received.

United States estimates are shown for all items. State data for wage rates by methods of pay and type of work are also less complete than for earlier surveys because of the reduced sample. The revised format is scheduled to be continued in the other quarterly reports for Fiscal Year 1979, relating to January, April and July 1979.

WORKERS RECEIVING PERQUISITES

Approximately 42 percent of the hired workers employed on farms during the October 1978 survey week received housing, room and board, meals or other perquisites in addition to cash wages. In October 1977 41 percent of the Nation's hired farm work force received benefits in addition to cash wages. The most frequent benefit received was housing, 15 percent, followed by room and board, 11 percent.

During the October survey week the average earnings were \$2.36 for those workers provided room and board and \$3.06 for those receiving housing. Workers receiving meals or food received \$2.93, while employees receiving only cash wages earned \$3.34 per hour.

Of the hired farm workers employed on farms during the October 1978 survey week, 39 percent were working on farms employing 9 or more hired workers, while 16 percent were on farms having only 1 hired worker. This compares to 43 percent and 17 percent in October 1977, respectively.

AGRICULTURAL SERVICE WORKERS

There were 63.0 thousand agricultural service employees working on U.S. farms during the week of October 8-14, 1978, compared to 65 thousand during the July 1978 survey week. Thirty-seven thousand of these workers were employed in California and five thousand in Florida, compared to 39 and 7 thousand, respectively, for July. Wage rates for agricultural service employees working on farms in California averaged \$4.08 per hour, up 36 cents from last quarter. In Florida, agricultural service firm employees' wages averaged \$3.45, down 58 cents from July.

WEATHER DURING WEEK OF OCTOBER 8-14, 1978 MOSTLY FAVORABLE FOR FIELD WORK

Fall row crop harvests advanced quickly throughout most of the Nation, except in parts of the Corn Belt where rain slowed progress. Winter wheat seeding for the 1979 crop made good progress.

The southern apple harvest was almost finished, and well advanced in northern areas. New York growers were harvesting Concord and Catawba grapes. Pecan harvest was starting in the Southeast.

Florida citrus grove prospects were excellent as harvesting activity increased with grapefruit movement most active. Texas was harvesting early oranges, Arizona harvested lemons and white grapefruit, and California harvested desert grapefruit, lemons, and a few Valencias.

Northern growers harvested coldhardy vegetable crops including onions, celery, cabbage, beets, and carrots. South Carolina harvested cucumbers, snap beans, and squash. Planting continued for winter crops while harvesting of fall crops increased in South Florida. Farmers maintained spray programs and irrigated. Wet soils delayed vegetable planting in the lower Rio Grande Valley. Northern Texas growers harvested lettuce, carrots, bell peppers, cabbage, and cucumbers. In California, broccoli and cauliflower moved to market in heavy volume. Processing tomato harvest is almost complete.

SOURCE AND RELIABILITY OF ESTIMATES

Quarterly estimates of Agricultural Labor are based on multiple frame enumerative probability surveys. Two sampling frames are utilized--a list frame and an area frame. In combination, they complement each other for sample efficiency.

The ESCS list consists of employers of Agricultural Labor, but does not include all such employers. A random stratified sample is selected from this list for each of the quarterly surveys. Employers expected to have large numbers of workers are sampled more heavily than those with fewer workers.

The ESCS area sample frame is an exhaustive listing of small partitioned units of land which can be sampled. A probability sample from the area frame will provide unbiased estimates for all agricultural workers employed by farm operators. However, this is a less efficient sampling frame than the list because most of the labor is hired by a small proportion of farm operators. Therefore, the area frame is used primarily to estimate for incompleteness in the list. The multiple frame sample utilizes the desirable attributes of both frames.

Estimates based on a sample differ somewhat from data that would have been obtained if a complete enumeration had been taken using the same questionnaires, instructions and enumerators. These differences are the result of sampling variability. In addition, survey estimates are subject to nonsampling errors. These errors are minimized through enumerator training, follow-up interviews, questionnaire design and testing and comprehensive edit procedures.

The standard error is primarily a measure of sampling variability, which is the variation that occurs by chance because a sample rather than the whole population is surveyed. Standard errors and relative standard errors, that is the standard error as a percent of the estimate, have been computed from the sample data. In conjunction with the associated estimates, the standard error may be used to define confidence intervals or ranges that would include the comparable complete coverage value. The average of all possible samples will fall in the range of one standard error below to one standard error above the complete coverage value two times out of three. The estimate of 1.31 million hired workers has a standard error of 40 thousand workers or 3.1 percent relative standard error at the national level. Chances are approximately two out of three that the complete coverage value would lie between 1.27 million and 1.35 million workers. The relative standard error of the estimate of hired workers by regions ranges from 6.9 percent in Region 4 to 13.1 percent in Region 1.

FARM EMPLOYMENT AND INDEXES, OCTOBER 1978 WITH COMPARISONS,
UNITED STATES

ITEM	ANNUAL AVERAGE 1976	ANNUAL AVERAGE 1977	OCT 9-15, 1977	JUL 9-15, 1978	OCT 9-14, 1978
FARM EMPLOYMENT (THOUSANDS)					
TOTAL	4,373.9	4,152.0	2/ 4,155.9	2/ 4,949.5	4,062.8
FAMILY LABOR	2,997.2	2,856.1	2/ 2,839.1	3,114.9	2,756.8
HIRED LABOR	1,376.7	1,295.9	1,316.8	2/ 1,834.6	1,306.0
FIELD WORKERS	3/	3/	592.2	2/ 1,109.4	574.5
LIVESTOCK WORKERS	3/	3/	227.5	234.5	240.7
INDEXES 1/ (1910-14=100)					
TOTAL	32	31	30	29	30
FAMILY LABOR	2/ 29	28	28	27	27
HIRED LABOR	2/ 41	38	34	33	35
(1967=100)					
TOTAL	89	85	81	79	80
FAMILY LABOR	2/ 82	78	78	75	75
HIRED LABOR	2/ 110	103	89	87	92

1/ INDEXES ARE ADJUSTED FOR SEASONAL VARIATION.

2/ REVISED.

3/ NOT AVAILABLE.

FARM WAGE RATES, OCTOBER 1978 WITH COMPARISONS,
UNITED STATES

ITEM	ANNUAL AVERAGE 1976	ANNUAL AVERAGE 1977	OCT 9-15, 1977	JUL 9-15, 1978	OCT 8-14, 1978
DOLLARS PER HOUR					
METHOD OF PAY:					
ALL HIRED FARM WORKERS	2.66	2.87	2.99	2.93	3.18
PAID BY PIECE-RATE	3.14	3.48	3.75	3.38	4.02
PAID BY OTHER THAN PIECE-RATE	2.61	2.82	2.92	2.90	3.11
PAID BY HOUR ONLY 1/	2.60	2.84	3.00	2.95	3.18
PAID BY CASH WAGES ONLY 2/	2.81	3.06	3.24	3.06	3.34
PAID BY HOUR CASH WAGES ONLY 3/	2.65	2.90	3.08	3.00	3.20
TYPE OF WORK PERFORMED:					
FIELD WORKERS	4/	4/	2.87	2.74	3.06
LIVESTOCK WORKERS	4/	4/	2.62	2.69	2.77
PACKINGHOUSE WORKERS	2.80	2.97	3.03	3.16	3.23
MACHINE OPERATORS	2.72	2.92	2.99	3.00	3.17
SUPERVISORS	4.39	4.63	4.63	4.81	4.95
OTHER AGRICULTURAL WORKERS	3.11	3.37	3.35	3.52	3.61
INDEXES 5/ (1910-14=100)	1,764	1,904	1,867	2,054	2,009
(1967=100)	208	225	220	243	237

1/ PERQUISITES SUCH AS ROOM AND BOARD, HOUSING, ETC., ARE PROVIDED SOME WORKERS IN ADDITION TO WAGE RATES SHOWN.

2/ INCLUDES ALL WORKERS NOT RECEIVING PERQUISITES.

3/ INCLUDES ALL HOURLY WORKERS NOT RECEIVING PERQUISITES.

4/ NOT AVAILABLE, SERIES BEGAN JULY 1977.

5/ INDEXES ARE BASED ON ALL HIRED FARM WORKERS AND ARE ADJUSTED FOR SEASONAL VARIATION.

HIRED WORKERS ON FARMS: CLASSIFIED BY NUMBER OF EMPLOYEES PER FARM,
UNITED STATES

EMPLOYEES PER FARM	OCT 9-15 1977	JUL 9-15 1978	OCT 8-14 1978
PERCENT OF TOTAL HIRED WORKERS			
1 WORKER	17	12	16
2 WORKERS	12	12	15
3-4 WORKERS	15	18	17
5-8 WORKERS	13	17	13
9 AND OVER WORKERS	43	41	39

HIRED WORKERS ON FARMS: BY TYPE OF PERQUISITE RECEIVED,
UNITED STATES

PERQUISITE RECEIVED	OCT 9-15 1977	JUL 9-15 1978	OCT 8-14 1978
PERCENT OF TOTAL HIRED WORKERS			
ROOM & BOARD	9.5	12	11
HOUSING	18	15	15
MEALS OR FOOD	5.5	8	7
OTHER	8	8	9
TOTAL RECEIVING PERQUISITES 1/	41	43	42

AVERAGE HOURLY FARM WAGE RATE, BY TYPE OF PERQUISITE RECEIVED,
UNITED STATES 2/

PERQUISITE RECEIVED	OCT 9-15 1977	JUL 9-15 1978	OCT 8-14 1978
DOLLARS PER HOUR			
ROOM & BOARD	2.22	2.27	2.36
HOUSING	2.67	2.85	3.06
MEALS AND FOOD	2.68	2.64	2.93
OTHER	3.30	3.41	3.60
CASH WAGES ONLY	3.24	3.06	3.34

1/ SUMMATION OF PERCENTAGES RECEIVING ROOM AND BOARD, HOUSING, MEALS OR FOOD, AND OTHER PERQUISITES.

2/ WAGE RATES DO NOT INCLUDE VALUE OF PERQUISITES.

WORKERS ON FARMS, OCTOBER 8-14, 1978, WITH COMPARISONS

STATE AND REGION	OCT 9-15, 1977 1/			JUL 9-15, 1978 1/			OCT 8-14, 1978		
	TOTAL	FAMILY	HIRED	TOTAL	FAMILY	HIRED	TOTAL	FAMILY	HIRED
THOUSANDS									
REGION I 2/	88	40	48	92	54	38	90	45	45
N J	21	11	10	32	13	19	23	12	11
N Y	108	70	38	108	69	39	106	68	38
REGION II	129	81	48	140	82	58	129	80	49
DEL	5.2	3.0	2.2	5.4	3.0	2.4	4.9	2.7	2.2
MD	29	19	10	38	20	18	31	17	14
PA	134	97	37	148	115	33	109	79	30
VA	82	50	32	112	77	35	86	63	23
W VA	33.3	30	3.3	41.4	32	9.4	26.2	22	4.2
REGION III	283.5	199	84.5	344.8	247	97.8	257.1	183.7	73.4
ALA	74	51	23	90	65	25	76	50	26
FLA	84	26	58	89	38	51	82	29	53
GA	76	50	26	115	52	63	66	41	25
KY	126	99	27	163	118	45	145	101	44
MISS	92	53	39	95	54	41	84	52	32
N C	121	80	41	270	129	141	122	79	43
S C	45	33	12	82	39	43	41	30	11
TENN	130	100	30	126	98	28	129	100	29
REGION IV	748	492	256	1,030	593	437	745	482	263
ILL	195	160	35	199	146	53	187	145	42
IND	141	106	35	151	96	55	110	87	23
MICH	100	75	25	137	90	47	91	69	22
MINN	215	180	35	247	174	73	223	178	45
OHIO	180	150	30	186	135	51	157	120	37
WIS	196	152	44	229	160	69	187	137	50
REGION V	1,027	823	204	1,149	801	348	955	736	219
ARK	83	58	25	107	68	39	71	46	25
LA	66	36	30	59	37	22	67	41	26
N MEX	21	13	8.0	29	17	12	23	16	7.0
OKLA	88	70	18	120	90	30	89	76	13
TEX	249	170	79	257	160	97	276	178	98
REGION VI	507	347	160	572	372	200	526	357	169
IOWA	216	177	39	251	188	63	241	199	42
KANS	107	76	31	112	90	22	99	76	23
MO	158	136	22	184	144	40	148	120	28
NEBR	106	89	17	136	100	36	124	100	24
REGION VII	587	478	109	683	522	161	612	495	117
COLO	54	34	20	64	37	27	49	34	15
MONT	28	22	6.0	41	27	14	31.6	26	5.6
N DAK	67	58	9.0	85	71	14	73	59	14
S DAK	69	61	8.0	76	63	13	62	52	10
UTAH	24	18	6.0	33	21	12	22	16	6
WYO	12	7.0	5.0	20	12	8.0	12	7.0	5.0
REGION VIII	254	200	54	319	231	88	249.6	194	55.6
ARIZ	32.5	17.0	15.5	38	20	18	31	14	17
CALIF	291	62	229	313	69	244	252	62	190
NEV	4.9	2.1	2.8	5.7	2.9	2.8	5.1	2.1	3.0
REGION IX	328.4	81.1	247.3	356.7	91.9	264.8	288.1	78.1	210.0
IDAHO	55	28	27	58	31	27	64	31	33
OREG	67	35	32	101	47	54	63	35	28
WASH	82	35	47	104	43	61	84	40	44
REGION X	204	98	106	263	121	142	211	106	105
U S	4,155.9	2,839.1	1,316.8	4,949.5	3,114.9	1,834.6	4,062.8	2,756.8	1,306.0

1/ REVISED. 2/ REGION I: CONN, MAINE, MASS, N H, R I, AND VT.

HOURS WORKED PER WORKER OCTOBER 1977 AND JULY 1978 (REVISED)

STATE AND REGION	OCT 9-15, 1977				JULY 9-15, 1978			
	FARM OPERATOR	OTHER UN-PAID FAMILY MEMBERS 1/	ALL FAMILY 1/	HIRED WORKERS	FARM OPERATOR	OTHER UN-PAID FAMILY MEMBERS 1/	ALL FAMILY 1/	HIRED WORKERS
	HOURS							
REGION I 2/	45.0	31.5	41.2	37.6	40.9	32.6	37.8	35.3
N J	43.1	31.4	38.7	39.3	45.5	40.5	43.7	38.7
N Y	46.2	40.1	43.8	39.8	48.0	42.7	45.7	41.2
REGION II	45.8	39.0	43.1	39.7	47.6	42.4	45.4	40.5
DEL	41.3	40.0	41.0	35.0	43.4	32.4	41.3	38.5
MD	29.8	31.2	30.3	36.8	39.4	33.9	38.2	33.5
PA	46.4	39.6	43.6	36.2	42.8	45.5	44.0	37.3
VA	30.8	29.8	30.5	26.2	35.6	39.0	37.2	30.4
W VA	26.4	30.1	26.9	38.0	28.5	32.2	29.7	32.9
REGION III	37.9	36.2	37.3	32.5	38.1	41.5	39.5	33.7
ALA	27.2	33.0	28.5	28.2	31.8	36.6	33.2	33.6
FLA	28.3	32.8	29.3	36.6	24.5	31.9	26.2	33.5
GA	25.5	25.0	25.3	36.7	28.5	38.5	30.6	28.0
KY	33.7	37.3	34.9	25.5	30.7	27.2	29.7	28.2
MISS	30.0	27.0	29.1	37.0	25.6	33.0	27.6	36.1
N C	25.9	33.0	27.6	22.9	29.7	39.1	32.4	26.7
S C	23.3	28.2	24.4	34.4	31.5	31.4	31.5	32.8
TENN	21.8	26.7	22.9	24.0	26.9	35.4	28.8	29.1
REGION IV	27.0	31.3	28.1	31.0	28.9	34.2	30.3	29.9
ILL	50.9	35.5	46.1	42.9	35.3	41.5	37.5	30.8
IND	44.8	37.5	42.3	41.5	35.3	33.2	34.7	32.7
MICH	42.7	40.4	41.8	40.0	37.3	37.1	37.2	33.1
MINN	52.7	40.7	47.4	41.0	51.4	46.1	49.1	28.4
OHIO	38.0	28.4	33.8	34.8	37.1	29.1	34.4	29.0
WIS	61.4	40.2	50.7	43.1	60.4	43.8	52.4	43.0
REGION V	49.0	36.9	44.0	40.8	43.3	40.3	42.1	33.0
ARK	35.4	34.7	35.2	47.0	29.8	35.8	31.3	35.7
LA	28.7	36.3	30.2	43.9	27.3	35.6	29.2	36.6
N MEX	38.8	37.0	38.3	46.4	41.0	41.0	41.0	42.9
OKLA	30.3	40.9	32.4	36.8	30.2	37.7	32.0	34.0
TEX	32.7	32.1	32.6	44.0	36.9	43.0	38.5	40.5
REGION VI	32.3	34.9	32.9	43.8	33.1	39.6	34.7	38.2
IOWA	54.2	42.4	50.2	39.8	49.1	39.1	44.9	27.3
KANS	53.2	54.6	53.6	44.0	50.1	45.1	48.1	45.1
MO	27.0	36.4	28.4	34.0	32.7	37.0	33.8	31.0
NEBR	52.0	39.6	47.8	45.1	56.8	42.9	51.6	44.1
REGION VII	44.5	42.6	44.0	40.7	45.4	40.7	43.7	34.4
COLO	42.8	39.5	41.9	42.0	46.7	42.1	45.0	47.9
MONT	47.0	36.6	43.3	49.7	56.7	54.8	55.9	48.4
N DAK	50.6	38.3	45.7	45.2	50.0	42.3	46.6	47.0
S DAK	52.0	40.9	47.5	38.1	60.5	41.3	52.6	50.0
UTAH	36.4	28.1	32.5	39.4	42.5	45.6	43.4	31.8
WYO	47.4	39.5	44.1	50.0	50.2	37.3	43.4	51.9
REGION VIII	47.8	38.0	44.1	43.1	52.2	43.4	48.6	46.3
ARIZ	40.7	23.0	30.0	45.2	43.5	34.6	35.7	43.5
CALIF	32.9	38.0	34.1	43.7	35.4	38.6	36.1	43.6
NEV	49.6	42.5	46.7	46.8	52.5	47.0	52.2	55.1
REGION IX	33.7	34.9	34.0	43.8	36.6	36.9	36.9	43.7
IDAHO	50.1	46.5	48.7	50.5	57.1	47.0	53.5	46.2
OREG	32.2	30.0	31.5	37.3	35.7	34.1	35.1	32.0
WASH	34.0	31.7	33.3	42.0	34.2	40.1	35.4	37.4
REGION X	38.1	36.0	37.4	42.8	40.1	39.1	39.8	37.0
U S	40.1	36.8	39.0	39.4	39.2	39.5	39.3	35.8

1/ INCLUDES AS "OTHER FAMILY" ONLY THOSE HOUSEHOLD MEMBERS WORKING 15 HOURS OR MORE PER WEEK WITHOUT RECEIVING CASH WAGES.

2/ REGION I: CONN, MAINE, MASS, N H, R I, AND VT.

HOURS WORKED PER WORKER

STATE AND REGION	OCT 8-14, 1978			
	FARM OPERATORS	OTHER UNPAID FAMILY MEMBERS 1/	ALL FAMILY 1/	HIRED WORKERS
HOURS				
REGION I 2/	34.2	29.9	32.9	34.0
N J	37.0	39.1	37.5	37.1
N Y	45.8	44.0	45.1	41.2
REGION II	43.2	43.5	43.3	40.4
DEL	42.2	34.3	39.9	40.1
MD	35.5	34.2	35.2	40.1
PA	46.9	35.2	43.6	33.8
VA	29.8	32.0	30.3	30.6
W VA	26.3	29.3	26.8	34.2
REGION III	37.6	33.7	36.6	34.2
ALA	33.5	40.0	35.1	29.6
FLA	31.3	26.1	29.7	36.7
GA	30.4	24.3	29.4	33.9
KY	37.4	38.8	37.8	36.3
MISS	24.7	28.3	26.0	41.3
N C	31.0	40.4	33.2	25.1
S C	27.0	33.0	28.2	37.8
TENN	28.0	31.1	29.0	26.1
REGION IV	31.2	33.7	31.9	33.1
ILL	50.3	48.0	49.4	35.0
IND	39.2	35.9	38.4	44.0
MICH	43.6	38.0	41.8	38.2
MINN	61.5	37.2	49.6	42.0
OHIO	39.0	28.7	35.3	37.6
WIS	61.0	38.6	51.3	38.1
REGION V	50.1	38.3	45.8	38.7
ARK	36.1	35.9	36.1	40.3
LA	30.2	37.5	30.7	41.7
N MEX	35.7	38.4	36.6	44.0
OKLA	33.0	39.8	34.9	41.4
TEX	35.2	35.4	35.2	39.3
REGION VI	34.2	37.1	34.9	40.2
IOWA	57.7	40.0	50.2	43.7
KANS	56.2	48.0	53.7	39.1
MO	31.1	30.0	31.0	34.0
NEBR	61.8	46.4	55.4	45.1
REGION VII	50.2	42.0	47.4	41.0
COLO	40.0	39.1	39.7	46.0
MONT	42.8	40.0	41.8	55.9
N DAK	58.4	33.3	48.6	51.3
S DAK	55.2	34.3	48.3	35.0
UTAH	34.5	28.7	33.0	31.2
WYO	43.8	43.8	43.8	55.0
REGION VIII	49.2	35.5	44.5	44.4
ARIZ	39.9	31.6	38.4	50.0
CALIF	33.0	40.0	34.2	41.9
NEV	43.7	41.6	42.8	54.2
REGION IX	33.6	39.7	34.7	42.7
IDAHO	44.2	37.0	41.2	52.7
OREG	29.1	35.3	30.6	35.4
WASH	32.0	31.1	31.8	38.8
REGION X	33.9	34.9	34.1	42.6
U S	41.6	37.7	40.4	38.8

1/ INCLUDES AS "OTHER FAMILY" ONLY THOSE HOUSEHOLD MEMBERS WORKING 15 HOURS OR MORE PER WEEK WITHOUT RECEIVING CASH WAGES. 2/ REGION I: CONN, MAINE, MASS, N H, R I, AND VT.

FARM WAGE RATES BY METHOD OF PAY, OCTOBER 9-15, 1977 BY STATES,
STANDARD FEDERAL REGIONS AND UNITED STATES (REVISED)

STATE AND REGION	ALL HIRED FARM WORKERS	FARM WAGE RATES - METHOD OF PAY				
		BY PIECE-RATE	BY OTHER THAN PIECE-RATE	BY HOUR ONLY	BY CASH WAGES ONLY	BY HOUR RECEIVING CASH WAGES ONLY
DOLLARS PER HOUR						
REGION I 1/	2.72	2.86	2.70	2.70	2.66	2.66
N J	2.95	3.20	2.94	2.80	3.20	2.95
N Y	2.87	3.78	2.66	2.69	3.03	2.83
REGION II	2.89	3.75	2.72	2.72	3.06	2.86
DEL	2.90	2/	2.89	2.85	3.15	3.01
MD	2.84	2/	2.83	3.29	3.33	3.35
PA	2.87	2/	2.86	3.05	3.20	3.30
VA	2.50	2/	2.48	2.66	2.79	2.72
W VA	2.22	2/	2.23	2.26	2.37	2.22
REGION III	2.72	2.85	2.70	2.92	3.05	3.05
ALA	2.56	3.51	2.48	2.60	2.69	2.64
FLA	3.10	3.36	3.08	2.89	3.12	2.91
GA	2.56	2.48	2.57	2.48	2.58	2.51
KY	2.47	2/	2.46	2.45	2.68	2.58
MISS	2.67	2/	2.59	2.44	2.79	2.50
N C	2.74	2/	2.73	2.61	2.74	2.55
S C	2.58	2.50	2.59	2.29	2.52	2.39
TENN	2.65	2/	2.58	2.53	2.75	2.63
REGION IV	2.76	3.19	2.73	2.63	2.85	2.70
ILL	2.95	2/	2.85	3.10	3.20	3.20
IND	2.74	2/	2.74	2.76	2.95	2.83
MICH	2.85	3.20	2.75	2.95	3.05	3.05
MINN	3.04	2/	3.03	3.30	3.55	3.35
OHIO	2.65	2/	2.65	2.65	2.80	2.70
WIS	2.46	2/	2.45	2.80	2.80	2.90
REGION V	2.77	3.56	2.74	2.94	3.04	2.96
ARK	2.66	2/	2.65	2.56	2.70	2.71
LA	2.73	2/	2.72	2.69	2.81	2.72
N MEX	2.19	2/	2.23	2.29	2.24	2.33
OKLA	2.64	3.47	2.59	2.70	2.92	3.00
TEX	2.66	2/	2.66	2.76	3.09	3.01
REGION VI	2.65	2.93	2.65	2.69	2.89	2.86
IOWA	2.83	2/	2.84	2.83	3.55	2.97
KANS	3.12	2/	3.12	3.00	3.60	3.00
MO	2.74	2/	2.72	2.65	2.80	2.66
NEBR	2.89	3.30	2.89	2.95	3.10	3.17
REGION VII	2.92	3.11	2.92	2.86	3.34	2.91
COLO	2.83	3.61	2.80	2.82	2.87	2.82
MONT	2.37	2/	2.36	2.81	2.91	2.90
N DAK	3.14	5.00	3.10	3.42	3.70	3.61
S DAK	2.24	2/	2.24	2.46	2.65	2.65
UTAH	2.76	2/	2.71	2.95	3.08	2.99
WYO	2.56	2/	2.56	2.90	3.00	3.08
REGION VIII	2.72	3.48	2.69	2.95	3.04	3.00
ARIZ	3.15	3.25	3.14	2.80	3.24	2.85
CALIF	3.67	4.55	3.54	3.51	3.83	3.56
NEV	2.30	2/	2.30	2.85	2.90	2.85
REGION IX	3.62	4.50	3.49	3.47	3.79	3.53
IDAHO	3.04	3.68	2.96	2.98	3.16	3.02
OREG	3.17	3.35	3.13	3.12	3.21	3.11
WASH	3.76	3.92	3.59	3.53	3.75	3.48
REGION X	3.40	3.80	3.21	3.19	3.46	3.19
U S	2.99	3.75	2.92	3.00	3.24	3.08

1/ REGION I: CONN, MAINE, MASS, N H, R I, AND VT.

2/ INSUFFICIENT DATA FOR THIS CATEGORY-DATA INCLUDED IN ALL HIRED FARM WORKERS AND IN UNITED STATES WAGE RATES.

FARM WAGE RATES BY TYPE OF WORK, OCTOBER 9-15, 1977 BY STATES,
STANDARD FEDERAL REGIONS AND UNITED STATES (REVISED)

STATE AND REGION	FARM WAGE RATES - TYPE OF WORK PERFORMED					
	FIELD WORKERS	LIVESTOCK WORKERS	PACKINGHOUSE WORKERS	MACHINE OPERATORS	SUPERVISORS	OTHER AGRICULTURAL WORKERS 3/
DOLLARS PER HOUR						
REGION I 1/	2.55	2.15	2.72	3.17	3.98	3.21
N J	2.80	2.70	2.90	3.25	4.38	2.88
N Y	2.84	2.48	2.64	3.42	4.22	3.48
REGION II	2.83	2.51	2.69	3.37	4.26	3.31
DEL	2.75	2.66	2/	2.95	2/	3.35
MD	2.62	2.40	2/	3.30	4.58	3.55
PA	2.70	2.55	2/	2/	5.10	3.60
VA	2.45	2.23	2/	2.56	3.53	2/
W VA	2.05	2/	2/	2/	3.60	2/
REGION III	2.59	2.40	2.77	2.95	4.31	3.35
ALA	2.29	2.39	2.69	2.49	4.57	3.33
FLA	2.76	2.76	2.72	3.06	5.20	3.77
GA	2.39	2.59	2/	2.45	2/	2.59
KY	2.32	2.71	2.23	2.57	2/	2.61
MISS	2.42	2.50	2/	2.55	3.71	2/
N C	2.49	2.64	2.38	2.59	4.85	3.01
S C	2.11	2.55	2/	2.39	2/	2/
TENN	2.68	2.47	2/	2.70	2/	2/
REGION IV	2.54	2.60	2.58	2.60	4.60	3.16
ILL	2.85	2.70	2/	3.05	5.40	2/
IND	2.30	2.60	3.05	2.88	2/	2/
MICH	2.50	2.70	3.05	3.20	2/	3.90
MINN	2.25	2.65	2/	3.50	5.50	2/
OHIO	2.45	2.25	2.60	3.15	2/	2.50
WIS	2.15	2.30	2/	2.75	2/	2/
REGION V	2.43	2.45	2.87	3.13	4.87	3.38
ARK	2.26	2.70	2/	2.63	4.25	2.81
LA	2.41	2.88	2/	2.65	4.43	3.58
N MEX	2.12	2.10	2/	2.34	3.40	2/
OKLA	2.30	2.40	2/	2.83	2/	2/
TEX	2.37	2.39	3.00	2.70	4.30	2/
REGION VI	2.34	2.45	2.95	2.67	4.17	2.95
IOWA	2.71	2.48	2/	2.91	2/	2/
KANS	2.95	2.70	2/	3.10	2/	3.59
MO	2.65	2.50	2.80	2.60	2/	2/
NEBR	2.70	2.68	2/	2.73	4.30	3.03
REGION VII	2.71	2.57	2.73	2.92	4.79	3.37
COLO	2.73	2.58	2/	2.65	4.38	3.22
MONT	2.23	2.36	2/	2.27	3.60	2.09
N DAK	2.65	2/	3.53	3.19	4.64	3.50
S DAK	2.10	2.07	2/	2.35	3.40	2.75
UTAH	2.60	2.43	2/	2/	3.87	2/
WYO	2.40	2.13	2/	2.77	3.75	2/
REGION VIII	2.51	2.40	3.06	2.84	4.05	2.99
ARIZ	2.82	2.65	2/	3.29	5.01	3.56
CALIF	3.42	3.39	4.00	3.95	5.29	4.09
NEV	2.25	2.00	2/	2.40	3.35	2.50
REGION IX	3.38	3.27	3.94	3.88	5.22	4.00
IDAHO	3.03	2.84	2/	3.02	2/	3.17
OREG	3.03	2.75	3.10	3.37	4.26	3.88
WASH	3.80	2.96	3.40	3.59	4.82	4.26
REGION X	3.45	2.87	3.13	3.29	4.22	3.40
U S	2.87	2.62	3.03	2.99	4.63	3.35

1/ REGION I: CONN, MAINE, MASS, N H, R I, AND VT. 2/ INSUFFICIENT DATA FOR THIS CATEGORY - DATA INCLUDED IN ALL HIRED FARM WORKERS AND IN UNITED STATES WAGE RATES.

FARM WAGE RATES BY METHOD OF PAY, JULY 9-15, 1978
 BY STATES, STANDARD FEDERAL REGIONS AND UNITED STATES

STATE AND REGION	ALL HIRED FARM WORKERS	FARM WAGE RATES - METHOD OF PAY				
		BY PIECE-RATE	BY OTHER THAN PIECE-RATE	BY HOUR ONLY	BY CASH WAGES ONLY	BY HOUR RECEIVING CASH WAGES ONLY
DOLLARS PER HOUR						
REGION I 1/	2.58	2/	2.58	2.65	2.72	2.64
N J	2.99	3.11	2.97	2.86	3.05	2.91
N Y	2.72	2/	2.72	2.88	3.00	2.92
REGION II	2.80	3.00	2.78	2.87	3.02	2.92
DEL	3.32	2/	3.30	3.00	3.39	3.10
MD	2.85	2/	2.85	3.20	3.30	3.30
PA	2.55	2/	2.54	2.73	2.91	2.81
VA	2.47	2/	2.55	2.70	2.92	2.80
W VA	2.24	2/	2.24	2.41	2.67	2.66
REGION III	2.57	3.07	2.59	2.80	2.98	2.87
ALA	2.83	2/	2.87	3.00	2.95	3.05
FLA	3.46	3.65	3.44	3.17	3.55	3.17
GA	2.49	2/	2.49	2.77	2.60	2.79
KY	2.85	2/	2.85	2.60	2.75	2.70
MISS	2.71	2/	2.70	2.61	2.66	2.67
N C	2.52	2.72	2.48	2.57	2.62	2.75
S C	2.54	2/	2.56	2.40	2.50	2.50
TENN	2.72	2/	2.70	2.58	2.80	2.64
REGION IV	2.73	2.88	2.71	2.68	2.79	2.79
ILL	3.04	2/	3.04	2.90	3.25	3.05
IND	2.90	2/	2.90	2.92	3.11	2.82
MICH	2.95	2.96	2.95	2.98	3.09	3.06
MINN	2.80	2/	2.70	2.90	3.06	3.02
OHIO	2.89	3.28	2.87	3.16	3.10	3.17
WIS	2.40	2/	2.40	2.78	2.69	2.96
REGION V	2.77	3.18	2.75	2.94	3.02	3.03
ARK	2.90	2/	2.88	2.81	2.92	2.79
LA	2.94	2/	2.91	2.88	2.85	2.82
N MEX	2.37	2/	2.37	2.30	2.50	2.35
OKLA	3.16	2/	2.74	2.87	3.30	3.04
TEX	2.62	2/	2.58	2.45	2.75	2.50
REGION VI	2.76	4.11	2.68	2.61	2.85	2.62
IOWA	2.95	2/	2.95	2.92	3.08	2.91
KANS	3.30	2/	3.28	3.11	3.55	3.24
MO	2.91	2/	2.89	3.00	3.06	2.95
NEBR	2.79	2.83	2.79	2.75	3.01	2.72
REGION VII	2.96	3.10	2.95	2.96	3.13	2.95
COLO	2.90	2/	2.85	2.84	2.96	2.83
MONT	2.38	2/	2.37	2.90	2.92	3.00
N DAK	3.27	4.45	3.16	3.27	3.46	3.68
S DAK	2.50	2.75	2.50	2.60	2.70	2.70
UTAH	2.66	2/	2.61	2.74	3.12	2.79
WYO	2.89	2/	2.90	3.40	3.30	3.70
REGION VIII	2.78	3.24	2.73	2.93	3.00	2.95
ARIZ	3.23	2/	3.22	3.26	3.24	3.23
CALIF	3.61	4.68	3.51	3.34	3.54	3.31
NEV	2.49	2/	2.49	3.05	3.20	3.30
REGION IX	3.56	4.67	3.47	3.33	3.51	3.30
IDAHO	3.13	3.30	3.10	3.26	3.21	3.14
OREG	2.84	2.07	3.16	3.10	2.73	3.07
WASH	3.50	3.50	3.50	3.26	3.40	3.30
REGION X	3.19	2.75	3.30	3.21	3.09	3.19
U S	2.93	3.38	2.90	2.95	3.06	3.00

1/ REGION I: CONN, MAINE, MASS, N H, R I, AND VT. 2/ INSUFFICIENT DATA FOR THIS CATEGORY-DATA INCLUDED IN ALL HIRED FARM WORKERS AND IN UNITED STATES WAGE RATES.

FARM WAGE RATES BY TYPE OF WORK, JULY 9-15, 1978,
BY STATES, STANDARD FEDERAL REGIONS AND UNITED STATES

STATE AND REGION	FARM WAGE RATES - TYPE OF WORK PERFORMED					
	FIELD WORKERS	LIVESTOCK WORKERS	PACKING- HOUSE WORKERS	MACHINE OPERATORS	SUPERVISORS	OTHER AGRICULTURAL WORKERS
DOLLARS PER HOUR						
REGION I 1/	2.43	2.16	2/	3.21	4.08	3.42
N J	2.85	2.85	2.93	3.25	4.71	3.51
N Y	2.55	2.13	2/	2/	2/	3.36
REGION II	2.65	2.24	2.96	2.64	4.39	3.39
DEL	2.87	3.00	2/	3.33	4.65	3.60
MD	2.61	2.61	2/	3.24	4.50	3.75
PA	2.33	2.25	2/	2/	4.77	2/
VA	2.30	2.60	2/	2.59	2/	2/
W VA	2.00	1.97	2/	2/	2/	2.50
REGION III	2.34	2.50	3.02	2.91	4.36	2.84
ALA	2.59	2.39	3.00	2.79	5.00	2.75
FLA	3.07	3.15	3.20	3.34	5.26	4.63
GA	2.23	2.67	2/	2.75	2/	2/
KY	2.62	2.55	2/	2.80	5.00	2/
MISS	2.32	2.75	2.75	2.69	4.40	3.42
N C	2.47	2.60	2.42	2.68	2/	2/
S C	2.30	2.64	2/	2.73	2/	2/
TENN	2.57	2.70	2/	2.80	2/	2/
REGION IV	2.51	2.70	2.57	2.79	4.80	3.44
ILL	2.85	2.90	2/	3.25	6.00	2/
IND	2.56	2.98	2/	2.90	2/	2/
MICH	2.71	2.69	2/	3.28	2/	2/
MINN	2.70	2.45	2/	2.86	5.85	2/
OHIO	2.58	2.85	3.00	3.10	5.40	3.52
WIS	2.29	2.15	2/	2/	2/	2/
REGION V	2.63	2.44	3.02	3.00	5.34	3.62
ARK	2.58	2.90	2.50	3.00	2/	2/
LA	2.67	2.95	2/	2.77	5.00	2/
N MEX	2.20	2.25	2/	2.45	3.85	2/
OKLA	3.00	2.67	2/	3.30	3.80	3.41
TEX	2.44	2.58	2.88	2.62	4.41	2/
REGION VI	2.53	2.64	2.60	2.83	4.49	2.84
IOWA	2.87	2.75	2/	3.03	2/	2/
KANS	3.00	2.91	2/	3.33	2/	2/
MO	2.76	2.60	2/	3.25	2/	2/
NEBR	2.40	3.05	2/	2.66	4.23	3.95
REGION VII	2.71	2.80	3.21	3.08	4.68	3.66
COLO	2.67	3.00	2/	2.81	4.70	3.45
MONT	2.33	2.35	2/	2.30	3.23	2/
N DAK	3.40	2/	2/	3.24	2/	2/
S DAK	2.32	2.42	2/	2.60	3.40	2/
UTAH	2.70	2.39	2/	2.61	4.00	2.79
WYO	2.01	2.49	2/	2.83	4.60	2.71
REGION VIII	2.59	2.58	3.21	2.76	4.22	3.00
ARIZ	3.20	2.98	2/	3.25	5.40	4.00
CALIF	3.28	3.62	4.20	3.90	5.40	4.75
NEV	2.45	2.25	2/	2.60	3.50	2.15
REGION IX	3.26	3.50	4.19	3.84	5.37	4.52
IDAHO	3.06	2.63	2/	3.03	4.16	3.81
OREG	2.50	2.53	2/	3.52	4.57	4.02
WASH	3.25	3.64	3.39	3.81	5.24	4.10
REGION X	2.95	2.91	3.32	3.48	4.67	3.99
U S	2.74	2.69	3.16	3.00	4.81	3.52

1/ REGION I: CONN, MAINE, MASS, N H, R I, AND VT. 2/ INSUFFICIENT DATA FOR THIS CATEGORY-DATA INCLUDED IN ALL HIRED FARM WORKERS AND IN UNITED STATES WAGE RATES.

FARM WAGE RATES BY METHOD OF PAY, OCTOBER 8-14, 1978 BY STATES
STANDARD FEDERAL REGIONS AND UNITED STATES

STATE AND REGION	ALL HIRED FARM WORKERS	FARM WAGE RATES - METHOD OF PAY				
		BY PIECE RATE	BY OTHER THAN PIECE RATE	BY HOUR ONLY	BY CASH WAGER ONLY	BY HOUR RECEIVING CASH WAGER ONLY
DOLLARS PER HOUR						
REGION I 1/	2.89	2/	2.86	3.05	3.00	2.90
N J	3.29	2/	3.31	3.20	3.51	3.41
N Y	2.90	3.64	2.75	2.90	3.09	3.00
REGION II	2.97	3.60	2.87	2.99	3.18	3.11
DEL	3.25	2/	3.25	2.94	2/	2/
MD	3.00	2/	2/	2/	2/	2/
PA	3.30	2/	3.21	3.36	3.34	3.37
VA	2.72	2/	2.70	2.96	2.87	3.00
W VA	2.69	2/	2.58	2.56	2.47	2.53
REGION III	3.03	3.62	2.99	3.21	3.19	3.25
ALA	2.88	2.95	2.88	2.92	3.15	2.94
FLA	3.57	3.83	3.54	3.20	3.59	3.22
GA	2.92	2/	2.92	2.92	2.90	3.00
KY	2.80	2/	2.80	2.70	2.79	2.70
MISS	2.77	2/	2.77	2.75	2.87	2.83
N C	2.75	2/	2.75	2.82	2.80	2.88
S C	2.78	2/	2.78	2.68	2.75	2.61
TENN	2.71	2/	2.68	2.58	2.70	2.64
REGION IV	2.97	3.11	2.96	2.87	3.04	2.91
ILL	3.23	2/	3.20	3.44	3.45	3.60
IND	3.24	2/	3.22	3.19	3.50	3.22
MICH	3.27	3.80	3.08	3.33	3.35	3.30
MINN	3.15	2/	3.15	3.34	3.42	3.40
OHIO	3.02	2.90	3.03	3.35	3.22	3.30
WIS	2.63	2/	2.63	3.09	2.75	3.21
REGION V	3.06	3.59	3.03	3.33	3.28	3.39
ARK	2.80	2/	2.78	2.76	2.98	2.74
LA	2.82	2/	2/	2.85	2.81	2.88
N MEX	2.90	2/	2.90	3.00	3.10	2/
OKLA	3.14	2/	3.15	3.29	3.15	3.38
TEX	2.84	2/	2.81	2.74	2.97	2.70
REGION VI	2.86	3.62	2.83	2.82	2.96	2.80
IOWA	3.11	2/	3.11	3.03	3.14	3.12
KANS	3.39	2/	3.39	3.20	3.52	3.40
MO	2.85	2/	2.85	2.83	2.81	2.80
NEBR	2.85	2/	2.85	3.15	3.09	3.34
REGION VII	3.04	3.12	3.04	3.03	3.12	3.10
COLO	3.34	2/	2/	2/	2/	2/
MONT	2.53	2/	2.53	2/	2/	2/
N DAK	3.56	2/	2/	2/	2/	2/
S DAK	2.67	2/	2.67	2/	2.72	2/
UTAH	3.05	2/	2/	2/	2/	2/
WYO	2.61	2/	2.61	3.10	2/	3.01
REGION VIII	3.09	3.49	3.09	3.29	3.47	3.41
ARIZ	3.57	2/	2/	2/	2/	2/
CALIF	3.91	5.15	3.71	3.51	3.92	3.45
NEV	2.42	2/	2.42	3.10	3.30	3.10
REGION IX	3.84	5.11	3.66	3.52	3.90	3.46
IDAHO	3.16	3.83	3.07	3.06	3.21	3.03
OREG	3.43	3.55	3.41	3.53	3.50	3.51
WASH	3.98	4.20	3.89	3.76	4.10	3.79
REGION X	3.51	3.98	3.40	3.36	3.57	3.35
U S	3.18	4.02	3.11	3.18	3.34	3.20

1/ REGION I: CONN, MAINE, MASS, N H, AND VT.

2/ INSUFFICIENT DATA FOR THIS CATEGORY-DATA INCLUDED IN ALL HIRED FARM WORKERS AND IN UNITED STATES.

FARM WAGE RATES BY TYPE OF WORK, OCTOBER 8-14, 1978, BY STATES,
STANDARD FEDERAL REGIONS AND UNITED STATES

STATE AND REGION	FIELD WORKERS	FARM WAGE RATES - TYPE OF WORK PERFORMED					OTHER AGRICULTURAL WORKERS 3/
		LIVESTOCK WORKERS	PACKING-HOUSE WORKERS	MACHINE OPERATOR	SUPERVISORS		
DOLLARS PER HOUR							
REGION I 1/	2.79	2.31	3.03	3.34	4.09	3.46	
N J	3.10	2.72	2.90	3.48	2/	3.50	
N Y	2.86	2.40	3.00	3.24	2/	3.36	
REGION II	2.91	2.43	2.97	3.29	4.46	3.42	
DEL	2/	2/	2/	2/	2/	2/	
MD	2/	2/	2/	2/	2/	2/	
PA	2/	2.54	2/	2/	5.15	3.56	
VA	2.56	2.53	2/	2.93	2/	2/	
W VA	2.64	2.19	2/	2/	2/	2/	
REGION III	2.92	2.56	2.87	3.20	4.58	3.53	
ALA	2.71	2.67	3.21	2.63	5.25	2/	
FLA	3.17	3.19	3.16	3.27	5.41	4.49	
GA	2.50	2.76	2/	3.00	2/	2.90	
KY	2.62	3.00	2/	2.75	5.00	2/	
MISS	2.57	2.65	2/	2.74	2/	2/	
N C	2.60	2.80	2.50	2.90	2/	2/	
S C	2.63	2.60	2/	2.60	2/	2/	
TENN	2.60	2.74	2/	2.80	2/	2/	
REGION IV	2.75	2.89	2.84	2.85	4.95	3.65	
ILL	2.87	3.20	2/	3.20	5.51	2/	
IND	2.70	2.72	3.58	3.34	2/	2/	
MICH	2/	2.96	2/	2/	2/	2/	
MINN	2.85	2.63	2/	3.26	2/	2/	
OHIO	2.90	2.78	2.89	3.00	5.27	2/	
WIS	2/	2/	2/	2/	2/	2/	
REGION V	2.83	2.64	3.05	3.22	5.22	3.35	
ARK	2/	2.78	2/	2.75	2/	2/	
LA	2.73	2.95	2/	2/	2/	2/	
N MEX	2/	2.37	2/	2.77	4.62	2/	
OKLA	3.09	2.96	2/	2/	2/	2/	
TEX	2.56	2.66	2/	2.74	4.49	2/	
REGION VI	2.69	2.68	3.18	2.76	4.34	3.32	
IOWA	2.85	2.75	2/	3.03	2/	2/	
KANS	2.90	2.86	2/	3.23	2/	2/	
MO	2.76	2.60	2/	2.90	2/	2/	
NEBR	2.60	2.84	2/	3.03	2/	2/	
REGION VII	2.72	2.76	3.26	3.05	5.11	3.36	
COLO	2.96	3.09	2/	2/	2/	3.13	
MONT	2/	2/	2/	2/	2/	2/	
N DAK	2.94	3.10	2/	2/	2/	2/	
S DAK	2/	2/	2/	2.80	3.59	2/	
UTAH	2.85	2.59	2/	3.20	4.27	2.73	
WYO	2.50	2.27	2/	2.84	3.89	2/	
REGION VIII	2.73	2.68	3.44	3.21	4.59	2.97	
ARIZ	3.18	2/	2/	3.59	5.35	4.14	
CALIF	3.66	3.37	2/	4.15	2/	4.59	
NEV	2.40	2/	2/	2/	2/	3.00	
REGION IX	3.63	3.22	4.34	4.07	5.59	4.42	
IDAHO	3.05	2.69	2/	3.33	2/	3.11	
OREG	3.25	2.97	3.27	3.92	2/	2/	
WASH	3.90	3.62	3.60	3.85	5.30	4.40	
REGION X	3.40	3.10	3.32	3.58	4.89	3.66	
U S	3.06	2.77	3.23	3.17	4.95	3.61	

1/ REGION I: CONN, MAINE, MASS, N H, R I AND VT. 2/ INSUFFICIENT DATA FOR THIS CATEGORY - DATA INCLUDED IN ALL HIRED FARM WORKERS AND IN U S WAGE RATES. 3/ BEGINNING WITH JUL 1977, MAINTENANCE AND BOOKKEEPING WORKERS ARE INCLUDED WITH OTHER AGRICULTURAL WORKERS.

HAWAII FARM LABOR

Workers on Hawaii farms numbered 17.2 thousand during the week of October 8-14, 1978. This was a decrease of 1.10 thousand workers from the previous survey conducted in July. Hired workers numbered 11.4 thousand and farm operators and unpaid family members working 15 hours or more accounted for the other 5.80 thousand.

Operators and unpaid family members worked an average of 29.7 hours during the survey week. Hired workers averaged 37.5 hours.

HAWAII FARM WAGE RATES BY METHOD OF PAY AND TYPE OF WORK,
OCTOBER 8-14, 1978, WITH COMPARISONS

METHOD OF PAY	DOLLARS PER HOUR			
	1977	OCT 9-15	JUL 9-15	OCT 8-14
	ANNUAL AVERAGE	1977	1978	1978
ALL HIRED FARM WORKERS	4.43	4.38	4.75	4.73
PAID BY OTHER THAN PIECE-RATE		4.47	4.78	4.77
PAID BY HOUR ONLY		4.28	4.56	4.58
PAID BY HOUR CASH WAGES ONLY	3.18	3.00	3.46	3.09
FIELD WORKERS		3.60	4.07	4.19
LIVESTOCK WORKERS		3.65	3.90	3.90
MACHINE OPERATORS		4.99	5.81	5.36
SUPERVISORS		6.67	6.94	6.64

AGRICULTURAL SERVICE FIRMS: NUMBER OF HIRED WORKERS
AVERAGE HOURS WORKED FOR ALL HIRED WORKERS, WAGE RATE
BY TYPE OF WORK, OCTOBER 8-14, 1978, WITH COMPARISONS, FOR CALIFORNIA, TEXAS, AND UNITED STATES ^{1/}

ITEM	JUL 9-15, 1978			OCT 8-14, 1978		
	CALIF	FLA	U S	CALIF	FLA	U S
NUMBER OF WORKERS (000)						
ALL HIRED	39	7	65.0	37	5	63.0
AVERAGE HOURS WORKED						
ALL HIRED WORKERS	38.3	33.3	<u>5/</u>	34.9	35.0	<u>5/</u>
WAGE RATES (DOLLARS AND CENTS)						
BY TYPE OF WORKERS						
ALL HIRED	3.72	4.03	<u>5/</u>	4.08	3.45	<u>5/</u>
PIECE RATE	4.42	4.34	<u>5/</u>	4.49	3.45	<u>5/</u>
OTHER THAN PIECE RATE	3.37	3.50	<u>5/</u>	3.85	3.45	<u>5/</u>
HOUR ONLY ^{2/}	3.33	3.13	<u>5/</u>	3.61	3.26	<u>5/</u>
CASH ONLY ^{3/}	3.77	3.99	<u>5/</u>	4.09	<u>6/</u>	<u>5/</u>
PER HOUR CASH ONLY ^{4/}	3.29	3.03	<u>5/</u>	3.60	3.13	<u>5/</u>
FIELD	3.26	3.93	<u>5/</u>	3.80	3.24	<u>5/</u>
MACHINE OPERATORS	4.34	3.40	<u>5/</u>	4.58	<u>6/</u>	<u>5/</u>
SUPERVISORS	5.00	5.47	<u>5/</u>	5.10	<u>6/</u>	<u>5/</u>

^{1/} DATA IN THIS TABLE ARE FOR AGRICULTURAL SERVICE FIRMS ONLY, AND ARE NOT COMBINED WITH FARM LABOR DATA SHOWN IN OTHER TABLES IN THIS PUBLICATION. ^{2/} PERQUISITES SUCH AS ROOM AND BOARD, HOUSING, ETC. ARE PROVIDED SOME WORKERS IN ADDITION TO WAGE RATES SHOWN. ^{3/} INCLUDES ALL WORKERS NOT RECEIVING PERQUISITES. ^{4/} INCLUDES ALL HOURLY WORKERS NOT RECEIVING PERQUISITES. ^{5/} NOT AVAILABLE. ^{6/} INSUFFICIENT DATA FOR ESTIMATING.

STANDARD FEDERAL REGIONS



