

# FARM LABOR

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Crop  
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Statistical Reporting  
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of Agriculture

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## FARM WORK FORCE 3 PERCENT LOWER THAN LAST YEAR

Total work force on United States farms during the survey week of April 10-16, 1977 was estimated at 4,126,400 workers, 3 percent less than a year earlier. Farm operators plus unpaid family members working 15 hours or more totaled 2,969,100, while hired workers accounted for 1,157,300. Field and livestock workers amounted to 794,000, about 69 percent of the hired work force.

All family workers averaged 35.8 hours of work for the survey week, compared to 35.9 hours a year earlier. Farm operators averaged 36.7 hours while unpaid family members put in 34.1 hours. Hired workers averaged 39.7 hours for the week, compared with 37.2 a year earlier.

## WAGE RATES ABOVE A YEAR AGO

Farm wage rates for all methods of pay converted to an hourly rate averaged \$2.82 during the week of April 10-16, 1977. The average was \$2.66 per hour a year ago. Hourly workers receiving only cash wages averaged \$2.84 per hour compared with \$2.64 a year earlier. Field and livestock workers averaged \$2.62 per hour, up 15 cents from the previous April.

## WEATHER DURING APRIL 10-16, 1977 MOSTLY FAVORABLE FOR FIELD WORK

Rains throughout the Great Plains perked up the winter wheat crop. In the eastern part of the Nation, high temperatures and clear weather gave farmers nearly the entire week to prepare land and plant fields. Producers made good progress in southern areas, equalling last year's corn planting rate and far surpassing the average. Farmers planted corn in the North Central States, with Kansas, Missouri, Illinois and Ohio showing the most progress.

Cotton planting was active in the southern States but lagging behind last year. New Mexico began planting cotton; California is well along, and Arizona finished planting in Western areas. In Georgia and North Carolina, sorghum planting made satisfactory progress. Rice planting was on schedule in Texas, but Arkansas and Mississippi were behind last year.

Soybean producers planted only a few early fields in North Carolina and Arkansas. Peanut planting progress was ahead of the 1976 rate in Texas; however, it lagged in Atlantic Coast States.

Florida citrus growers irrigated groves and picked Valencias. Growers also picked citrus fruit in Texas, Arizona and California.

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Florida vegetable volume was on the increase. Texas vegetable growers harvested carrots, onions and cabbage and were busy planting okra, peas, sweet corn, beans and melons. In California, broccoli, carrots and lettuce volumes were heavy, while onion and strawberry harvests increased.

#### 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 list frame is assembled from various sources and consists of employers of agricultural labor. 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 area sampling 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 the farm operators. Therefore, the area frame is used primarily to estimate for the incompleteness in the list. By using the multiple frame sample, the desirable attributes of both frames are captured.

Estimates based on a sample may differ somewhat from the figures 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 non-sampling 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 variations that occur by chance because a sample rather than the whole population is surveyed. Standard errors have been computed from the sample data in terms of relative standard errors; that is, as a percent of the estimate. 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 relative standard error of the estimate of hired farm workers during the period April 10-16, 1977 is 2.5 percent at the National level. In terms of numbers, the standard error is 28,900 out of a total of 1,157,300 workers. Chances are approximately two out of three that the complete coverage value would lie between 1,128,400 and 1,186,200 workers. The relative standard error of the estimate of hired workers by regions ranges from 4.9 percent in Standard Federal Region 4 to 11.4 percent in Region 8.

FARM EMPLOYMENT AND INDEXES, APRIL 1977, WITH COMPARISONS, UNITED STATES

ITEM	ANNUAL AVERAGE 1975	ANNUAL AVERAGE 1976	APR 11-17, 1976	JAN 9-15, 1977	APR 10-16, 1977
FARM EMPLOYMENT (THOUSANDS)					
TOTAL	4,342.1	4,375.9	4,233.9	3,229.7	4,126.4
FAMILY LABOR	3,025.5	2,999.2	3,038.2	2,412.4	2,969.1
HIRED LABOR	1,316.6	1,376.7	1,195.7	817.3	1,157.3
INDEXES 1/ (1910-T4=100)					
TOTAL	32	32	34	30	32
FAMILY LABOR	30	30	31	28	30
HIRED LABOR	35	37	41	34	37
(1967=100)					
TOTAL	89	89	92	81	87
FAMILY LABOR	83	83	86	78	83
HIRED LABOR	92	97	108	89	97

1/ INDEXES ARE ADJUSTED FOR SEASONAL VARIATION.

FARM WAGE RATES, APRIL 1977, WITH COMPARISONS, UNITED STATES

ITEM	ANNUAL AVERAGE 1975	ANNUAL AVERAGE 1976	APR 11-17, 1976	JAN 9-15, 1977	APR 10-16, 1977
METHOD OF PAY:			DOLLARS PER HOUR		
ALL HIRED FARM WORKERS	2.43	2.66	2.66	2.96	2.82
PAID BY PIECE-RATE	2.96	3.14	3.32	3.69	3.50
PAID BY OTHER THAN PIECE-RATE	2.38	2.61	2.63	2.90	2.77
PAID BY HOUR ONLY 1/	2.39	2.60	2.59	2.84	2.78
PAID CASH WAGES ONLY 2/	2.60	2.81	2.81	3.12	3.00
PAID BY HOUR CASH WAGES ONLY 3/	2.45	2.65	2.64	2.86	2.84
TYPE OF WORK PERFORMED:					
FIELD AND LIVESTOCK WORKERS	2.26	2.47	2.47	2.68	2.62
PACKINGHOUSE WORKERS	2.52	2.80	2.84	2.86	2.93
MACHINE OPERATORS	2.50	2.72	2.66	3.04	2.77
MAINTENANCE AND BOOKKEEPING	3.15	3.45	3.48	3.75	3.67
SUPERVISORS	4.00	4.39	4.42	4.78	4.64
OTHER AGRICULTURAL WORKERS	2.76	2.82	2.83	3.31	3.13
INDEXES 4/					
(1910-T4=100)	1,612	1,764	1,769	1,940	1,898
(1967=100)	190	208	209	229	224

1/ MAY INCLUDE PERQUISITES SUCH AS ROOM AND BOARD, INCLUDES ONLY THOSE PAID BY THE HOUR.

2/ DOES NOT INCLUDE PERQUISITES, INCLUDES ALL METHODS OF PAY.

3/ DOES NOT INCLUDE PERQUISITES, INCLUDES ONLY THOSE PAID BY THE HOUR.

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

WORKERS ON FARMS, APRIL 10-16, 1977 WITH COMPARISONS

STATE AND REGION	APR 11-17, 1976 1/			JAN 9-15, 1977 1/			APR 10-16, 1977		
	TOTAL	FAMILY	HIRED	TOTAL	FAMILY	HIRED	TOTAL	FAMILY	HIRED
THOUSANDS									
REGION I 2/	67	36	31	56	35	21	81	50	31
N J	18	10	8.0	12	7.0	5.0	20	12	8.0
N Y	112	83	29	96	73	23	98	66	32
REGION II	130	93	37	108	80	28	118	78	40
DEL	7.5	5.0	2.5	4.4	2.8	1.6	6.5	4.2	2.3
MD	35	24	11	29	17	12	31	21	10
PA	129	89	40	107	76	31	131	103	28
VA	72	48	24	49	37	12	87	66	21
W VA	38.5	35	3.5	29.2	27	2.2	53	50	3.0
REGION III	282.0	201	81.0	218.6	159.8	58.8	308.5	244.2	64.3
ALA	94	70	24	85	63	22	93	74	19
FLA	96	33	63	101	29	72	97	31	66
GA	90	60	30	61	45	16	91	49	42
KY	139	117	22	103	83	20	139	115	24
MISS	87	55	32	68	48	20	96	59	37
N C	176	121	55	92	69	23	142	93	49
S C	61	33	28	34	23	11	58	37	21
TENN	150	132	18	109	96	13	135	117	18
REGION IV	893	621	272	653	456	197	851	575	276
ILL	161	134	27	118	99	19	178	144	34
IND	114	94	20	92	80	12	118	97	21
MICH	102	81	21	77	63	14	93	72	21
MINN	225	190	35	140	126	14	202	172	30
OHIO	161	126	35	126	109	17	162	143	19
WIS	195	155	40	166	137	29	191	145	46
REGION V	958	780	178	719	614	105	944	773	171
ARK	95	70	25	67	56	11	93	59	34
LA	74	44	30	43	30	13	61	42	19
N MEX	27	18	9.0	20	14	6.0	22	16	5.0
OKLA	99	86	13	86	70	16	97	79	18
TEX	264	171	93	211	146	65	250	169	81
REGION VI	559	389	170	427	316	111	523	365	158
IOWA	218	176	42	166	143	23	200	169	31
KANS	98	79	19	84	69	15	85	70	15
MO	214	193	21	166	155	11	201	177	24
NEBR	113	96	17	85	72	13	96	82	14
REGION VII	643	544	99	501	439	62	582	498	84
COLO	52	37	15	43	34	9.0	52	34	18
MONT	34	25	9.0	22.6	18	4.6	36	28	8.0
N DAK	64	56	8.0	42	40	2.0	63	56	7.0
S DAK	76	66	10	50	43	7.0	75	66	9.0
UTAH	22	16	6.0	17.2	14	3.2	25	18	7.0
WYO	15	9.0	6.0	13	10	3.0	13	8.0	5.0
REGION VIII	263	209	54	187.8	159	28.8	264	210	54
ARIZ	22	9.0	13	23	7.0	16	22.6	5.3	17.3
CALIF	263	65	198	219	66	153	264	70	194
NEV	5.9	3.2	2.7	3.3	1.6	1.7	5.3	2.6	2.7
REGION IX	290.9	77.2	213.7	245.3	74.6	170.7	291.9	77.9	214.0
IDAHO	36	21	15	23	16	7.0	46	28	18
OREG	50	33	17	41	29	12	51	32	19
WASH	62	34	28	50	34	16	66	38	28
REGION X	148	88	60	114	79	35	163	98	65
U S	4,233.9	3,038.2	1,195.7	3,229.7	2,412.4	817.3	4,126.4	2,969.1	1,157.3

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

## HIRED WORKERS ON FARMS, BY TYPE OF WORK, APR 10-16, 1977 WITH COMPARISONS

STATE AND REGION	APR 11-17, 1976 1/			JAN 9-15, 1977 1/			APR 10-16, 1977		
	FIELD	OTHER	TOTAL	FIELD	OTHER	TOTAL	FIELD	OTHER	TOTAL
	AND LIVESTOCK:			AND LIVESTOCK:			AND LIVESTOCK:		
	THOUSANDS								
REGION I 2/:	20	11	31	12	9.0	21	22	9.0	31
N J	5.0	3.0	8.0	3.3	1.7	5.0	6.8	1.2	8.0
N Y	24	5.0	29	18	5.0	23	28	4.0	32
REGION II	29	8.0	37	21.3	6.7	28	34.8	5.2	40.0
DEL	1.4	1.1	2.5	.6	1.0	1.6	.9	1.4	2.3
MD	9.0	2.0	11	5.0	7.0	12	8.0	2.0	10
PA	31	9.0	40	23	8.0	31	18	10	28
VA	14	10	24	10	2.0	12	17	4.0	21
W VA	3.1	.4	3.5	1.8	.4	2.2	1.9	1.1	3.0
REGION III	58.5	22.5	81.0	40.4	18.4	58.8	45.8	18.5	64.3
ALA	14	10	24	16	6.0	22	10	9.0	19
FLA	42	21	63	48	24	72	48	18	66
GA	19	11	30	11	5.0	16	30	12	42
KY	18	4.0	22	15	5.0	20	17	7.0	24
MISS	13	19	32	14	6.0	20	17	20	37
N C	40	15	55	16	7.0	23	33	16	49
S C	20	8.0	28	7.0	4.0	11	13	8.0	21
TENN	10	8.0	18	10	3.0	13	11	7.0	18
REGION IV	176	96	272	137	60	197	179	97	276
ILL	18	9.0	27	15	4.0	19	20	14	34
IND	14	6.0	20	9.0	3.0	12	16	5.0	21
MICH	15	6.0	21	11	3.0	14	15	6.0	21
MINN	25	10	35	10	4.0	14	23	7.0	30
OHIO	30	5.0	35	12	5.0	17	14	5.0	19
WIS	30	10	40	24	5.0	29	40	6.0	46
REGION V	132	46	178	81	24	105	128	43.0	171
ARK	9.0	16	25	5.0	6.0	11	13	21	34
LA	17	13	30	8.0	5.0	13	10	9.0	19
N MEX	6.0	3.0	9.0	4.0	2.0	6.0	4.0	2.0	6.0
OKLA	11	2.0	13	12	4.0	16	16	2.0	18
TEX	55	38	93	38	27	65	41	40	81
REGION VI	98	72	170	67	44	111	84.0	74.0	158
IOWA	31	11	42	20	3.0	23	24	7.0	31
KANS	14	5.0	19	12	3.0	15	10	5.0	15
MO	16	5.0	21	8.0	3.0	11	17	7.0	24
NEBR	12	5.0	17	9.0	4.0	13	11	3.0	14
REGION VII	73	26	99	49	13	62	62.0	22.0	84
COLD	9.0	6.0	15	6.0	3.0	9.0	15	3.0	18
MONT	7.0	2.0	9.0	4.0	.6	4.6	6.0	2.0	8.0
N DAK	4.0	4.0	8.0	1.0	1.0	2.0	2.0	5.0	7.0
S DAK	8.0	2.0	10	6.0	1.0	7.0	8.0	1.0	9.0
UTAH	4.0	2.0	6.0	2.6	.6	3.2	6.0	1.0	7.0
WYO	5.0	1.0	6.0	2.0	1.0	3.0	4.0	1.0	5.0
REGION VIII	37	17	54	21.6	7.2	28.8	41.0	13.0	54
ARIZ	8.1	4.9	13	10	6.0	16	11.2	6.1	17.3
CALIF	145	53	198	108	45	153	140	54	194
NEV	2.0	.7	2.7	1.3	.4	1.7	2.2	.5	2.7
REGION IX	155.1	58.6	213.7	119.3	51.4	170.7	153.4	60.6	214.0
IDAHO	10	5.0	15	4.0	3.0	7.0	10	8.0	18
OREG	12	5.0	17	8.7	3.3	12	14	5.0	19
WASH	19	9.0	28	9.0	7.0	16	20	8.0	28
REGION X	41	19	60	21.7	13.3	35	44	21	65
U S	819.6	376.1	1,195.7	570.3	247.0	817.3	794.0	363.3	1,157.3

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

HOURS WORKED PER WORKER, APRIL 1976 AND JANUARY 1977 (REVISED)

STATE AND REGION	APR 11-17, 1976				JAN 9-15, 1977			
	FARM OPERATOR	OTHER UNPAID FAMILY MEMBERS 1/	ALL FAMILY 1/	HIRE D WORKERS	FARM OPERATOR	OTHER UNPAID FAMILY MEMBERS 1/	ALL FAMILY 1/	HIRE D WORKERS
HOURS								
REGION I 2/	43.5	32.0	40.6	37.6	32.5	31.0	32.2	35.6
N J	45.2	35.1	41.3	40.5	27.3	39.7	30.0	38.9
N Y	45.7	32.3	40.1	38.7	37.9	32.9	36.3	43.7
REGION II	45.7	32.6	40.3	39.1	36.8	33.3	35.7	42.9
DEL	37.6	41.3	39.1	40.1	34.1	33.0	33.9	35.6
MD	32.2	32.9	32.4	32.8	28.7	37.6	30.5	29.7
PA	42.2	40.0	41.5	38.2	40.3	38.2	39.6	37.5
VA	28.1	31.6	29.0	30.3	20.0	28.0	20.8	28.5
W VA	24.8	22.7	24.1	26.0	16.2	27.3	18.2	28.9
REGION III	34.4	34.3	34.3	34.6	28.9	35.8	30.6	33.7
ALA	21.9	30.1	23.6	36.4	17.3	25.7	18.1	35.7
FLA	33.1	26.9	31.5	36.5	27.1	34.8	28.2	36.5
GA	35.5	27.9	34.5	33.6	24.0	27.8	24.4	35.2
KY	27.4	31.2	28.5	31.5	22.1	36.0	25.0	26.7
MISS	22.8	30.6	23.8	41.2	18.3	25.0	19.4	26.4
N C	27.0	31.2	28.1	20.3	17.0	35.2	18.8	30.6
S C	31.3	31.6	31.4	40.1	20.0	28.0	21.2	28.1
TENN	22.9	27.7	23.7	28.1	14.1	25.2	15.2	32.0
REGION IV	26.3	30.1	27.2	33.0	18.9	30.5	20.4	32.9
ILL	46.0	40.9	44.9	36.0	23.7	25.0	23.9	25.8
IND	36.4	36.8	36.5	33.3	20.5	32.4	22.8	31.1
MICH	33.1	34.2	33.4	33.7	25.2	33.7	26.7	33.1
MINN	52.5	39.1	46.8	29.8	38.3	34.4	37.2	29.9
OHIO	34.5	30.6	33.5	34.5	23.4	25.8	24.1	31.6
WIS	48.0	32.5	40.5	38.6	42.9	31.2	38.2	39.0
REGION V	43.0	35.5	40.4	34.2	29.8	30.5	30.0	32.5
ARK	32.5	35.8	33.4	44.3	20.0	30.0	21.5	30.1
LA	31.4	36.7	32.4	38.5	20.9	32.4	22.5	32.9
N MEX	39.0	34.0	37.2	46.3	28.8	32.0	29.4	45.9
OKLA	29.5	32.0	30.1	35.0	22.5	27.9	23.9	33.0
TEX	27.7	34.6	29.1	35.2	24.3	37.7	26.3	34.6
REGION VI	29.8	34.4	30.8	37.7	23.0	32.6	24.7	34.3
IOWA	50.2	33.1	44.5	37.5	30.5	28.9	30.1	37.7
KANS	38.7	34.1	37.6	34.8	35.0	31.9	34.1	42.5
MO	31.3	26.8	29.6	38.4	22.7	28.8	24.0	33.7
NEBR	49.5	44.5	47.7	30.2	32.8	36.5	33.6	39.3
REGION VII	41.9	32.8	38.8	35.9	28.6	30.6	29.1	38.5
COLO	47.0	32.2	42.0	45.0	28.0	27.1	27.8	41.0
MONT	53.6	51.6	52.7	51.3	40.5	37.0	39.6	43.5
N DAK	51.5	31.9	42.8	45.0	34.7	32.2	33.9	35.2
S DAK	56.0	39.5	49.1	45.7	31.1	39.0	32.9	36.5
UTAH	40.6	26.5	37.6	25.7	27.1	27.7	27.2	34.0
WYO	48.9	39.9	46.0	51.4	44.9	27.4	36.2	45.5
REGION VIII	51.0	37.8	45.7	44.8	32.5	32.5	32.5	39.4
ARIZ	37.7	26.9	31.6	46.7	35.1	30.8	32.7	43.9
CALIF	33.3	30.8	32.6	42.6	31.5	36.6	33.9	41.8
NEV	49.9	41.9	46.9	48.5	38.3	43.6	39.8	45.9
REGION IX	34.2	30.5	33.1	42.9	31.7	36.3	33.9	42.1
IDAHO	42.9	41.5	42.5	49.4	28.8	36.8	30.2	40.1
OREG	30.8	31.6	31.0	35.1	19.4	27.8	20.4	36.0
WASH	37.6	34.0	37.1	40.5	21.1	29.8	22.2	31.8
REGION X	36.2	35.7	36.1	41.1	22.0	31.1	23.2	34.9
U S	36.8	33.9	35.9	37.2	26.6	32.1	27.8	36.1

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	APR 10-16, 1977			
	FARM OPERATOR	OTHER UNPAID FAMILY MEMBERS 1/	ALL FAMILY 1/	HIRED WORKERS
HOURS				
REGION I 2/	33.5	27.3	31.6	36.3
N J	45.9	32.6	40.3	36.1
N Y	44.2	35.4	41.2	37.1
REGION II	44.5	34.7	41.0	36.9
DEL	41.3	34.7	38.9	39.7
MD	40.7	36.5	39.4	31.7
PA	45.6	30.0	39.3	38.1
VA	28.0	35.9	29.6	36.0
W VA	30.2	29.2	29.8	30.1
REGION III	36.2	31.3	33.7	36.1
ALA	21.2	26.9	22.2	40.0
FLA	32.0	30.5	30.6	36.6
GA	32.3	29.5	31.5	28.8
KY	27.9	27.9	27.9	34.0
MISS	24.9	25.8	25.0	43.6
N C	32.7	26.9	31.2	28.2
S C	34.4	34.5	34.5	32.8
TENN	21.9	34.3	23.7	38.4
REGION IV	26.4	29.1	27.0	34.7
ILL	47.7	38.2	44.7	41.1
IND	45.7	37.0	42.9	42.0
MICH	35.4	36.1	35.6	37.7
MINN	45.3	40.2	43.4	39.9
OHIO	33.3	28.7	31.6	37.7
WIS	56.9	38.7	49.7	41.5
REGION V	44.5	36.5	41.7	40.4
ARK	28.5	39.6	30.3	45.2
LA	27.1	32.5	28.0	42.8
N MEX	31.4	33.0	32.0	49.5
OKLA	27.4	29.7	28.0	28.4
TEX	29.8	28.5	29.5	43.5
REGION VI	28.8	30.4	29.1	42.3
IOWA	48.5	34.5	43.9	40.7
KANS	38.0	34.8	37.0	35.0
MO	34.8	33.9	34.6	43.3
NEBR	40.3	37.7	39.6	42.0
REGION VII	41.5	34.8	39.5	40.8
COLO	37.0	36.5	36.9	36.5
MONT	57.2	45.4	52.3	50.2
N DAK	50.4	37.0	44.4	38.9
S DAK	52.9	39.4	46.9	48.0
UTAH	45.4	30.9	39.9	27.2
WYO	48.8	42.1	46.8	47.6
REGION VIII	48.5	38.6	44.7	41.0
ARIZ	46.5	27.8	37.9	45.8
CALIF	32.9	36.1	33.5	43.4
NEV	54.5	30.9	44.7	50.7
REGION IX	34.0	34.7	34.1	43.7
IDAHO	45.5	35.7	42.6	48.8
OREG	31.8	30.5	31.5	38.8
WASH	32.9	39.0	34.3	34.7
REGION X	35.9	38.3	36.5	39.9
U S	36.7	34.1	35.8	39.7

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, APRIL 11-17, 1976 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/	2.68	2/	2.68	2.74	2.79	2.69
N J	2.71	2/	2.71	2.65	2.87	2.72
N Y	2.37	2/	2.37	2.34	2.66	2.37
REGION II	2.44	2.98	2.44	2.42	2.71	2.45
DEL	2.51		2.51	2.51	2.86	2.68
MD	2.43	2/	2.42	2.57	2.87	2.80
PA	2.47	2/	2.46	2.52	2.85	2.76
VA	2.47	3.20	2.46	2.50	2.65	2.55
W VA	2.09	2/	2.09	2.21	2.45	2.33
REGION III	2.45	2.97	2.44	2.51	2.77	2.68
ALA	2.55	2/	2.55	2.57	2.88	2.61
FLA	3.01	3.58	2.89	2.70	2.99	2.67
GA	2.38	2/	2.38	2.46	2.52	2.49
KY	2.38	2/	2.38	2.41	2.55	2.39
MISS	2.35	2/	2.35	2.20	2.45	2.41
N C	2.23	2/	2.23	2.13	2.25	2.17
S C	2.27	2/	2.27	2.17	2.46	2.19
TENN	2.11	3.40	2.09	2.07	2.20	2.27
REGION IV	2.47	3.44	2.42	2.36	2.58	2.41
ILL	2.68	2/	2.67	2.70	3.01	2.86
IND	2.79	2/	2.77	2.88	3.06	2.91
MICH	2.60	2.89	2.58	2.52	2.64	2.57
MINN	2.69	2/	2.65	3.03	3.03	2.82
OHIO	2.73	2/	2.73	2.78	2.50	2.67
WIS	2.56		2.56	2.65	2.83	2.65
REGION V	2.67	3.38	2.66	2.76	2.82	2.74
ARK	2.32	2/	2.31	2.22	2.55	2.38
LA	2.31	2.01	2.37	2.33	2.25	2.32
N MEX	2.35	2/	2.33	2.17	2.59	2.32
OKLA	2.41	2/	2.41	2.43	2.55	2.47
TEX	2.38	2/	2.38	2.20	2.37	2.24
REGION VI	2.36	2.18	2.37	2.25	2.40	2.31
IOWA	2.70	2/	2.70	2.75	2.74	2.75
KANS	2.93	2/	2.95	2.73	2.88	2.71
MO	2.50	2/	2.50	2.45	2.48	2.49
NEBR	2.74	2/	2.75	2.72	2.96	2.75
REGION VII	2.71	2.41	2.71	2.65	2.74	2.68
COLO	2.69		2.69	2.49	2.89	2.50
MONT	2.20		2.20	2.88	2.45	2.89
N DAK	2.76		2.76	2.85	2.91	2.96
S DAK	2.26	2/	2.23	2.17	2.60	2.30
UTAH	2.38	2/	2.38	2.29	2.43	2.29
WYO	2.07	2/	2.07	2.26	2.55	2.39
REGION VIII	2.44	2.83	2.44	2.47	2.69	2.48
ARIZ	2.70	3.25	2.65	2.50	3.00	2.75
CALIF	3.21	3.70	3.14	2.93	3.31	2.96
NEV	2.40	2/	2.40	2.70	2.83	2.73
REGION IX	3.17	3.68	3.10	2.91	3.29	2.95
IDAHO	2.82	2/	2.82	2.66	3.03	2.74
OREG	2.95	2/	2.94	2.91	3.14	2.95
WASH	3.16	3.65	3.12	2.93	3.21	2.98
REGION X	3.02	3.65	2.99	2.88	3.16	2.94
U S	2.66	3.32	2.63	2.59	2.81	2.64

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, APRIL 11-17, 1976 BY STATES,  
STANDARD FEDERAL REGIONS AND UNITED STATES (REVISED)

STATE AND REGION	FARM WAGE RATES - TYPE OF WORK PERFORMED				
	FIELD AND LIVESTOCK WORKERS	PACKING-HOUSE WORKERS	MACHINE OPERATORS	MAINTENANCE AND BOOKKEEPING WORKERS	SUPERVISORS
DOLLARS PER HOUR					
REGION I 1/	2.38	2.57	3.38	2/	3.81
N J	2.45	2/	2.95	2/	4.25
N Y	2.11	2/	2/	2/	2/
REGION II	2.17	2.63	3.13	3.64	4.77
DEL	2.37	2/	2.44	2/	2/
MD	2.05	2/	3.00	2/	2/
PA	2.21	2/	2/	2/	2/
VA	2.17	2/	2.80	2/	3.60
W VA	1.95	2/	2/	2/	2/
REGION III	2.17	2.82	2.86	3.58	4.10
ALA	2.09	2/	3.01	2/	2/
FLA	2.73	2.55	2.99	2/	4.87
GA	2.31	2/	2.40	2/	2/
KY	2.30	2/	2.50	2/	2/
MISS	2.05	2/	2.30	2/	4.00
N C	2.08	2/	2.32	2/	2/
S C	2.08	2/	2.50	2/	2/
TENN	2.02	2/	2.50	2/	2/
REGION IV	2.27	2.57	2.55	3.42	4.41
ILL	2.52	2/	2.72	2/	5.25
IND	2.57	2/	2.76	3.61	5.20
MICH	2.34	2.58	3.10	2/	2/
MINN	2.40	2/	3.16	2/	4.99
OHIO	2.60	2/	2.75	2/	5.30
WIS	2.26	2.86	2.61	3.59	5.05
REGION V	2.45	2.83	2.84	3.74	5.08
ARK	2.20	2/	2.27	2.80	3.80
LA	2.13	2/	2.25	3.14	4.15
N MEX	2.08	2/	2.30	3.10	3.93
OKLA	2.33	2/	2.42	2/	2/
TEX	2.22	2.38	2.38	2.79	3.85
REGION VI	2.21	2.42	2.32	2.91	3.92
IOWA	2.63	2/	2.57	2/	2/
KANS	2.77	2/	3.17	3.28	2/
MO	2.41	2/	2.50	2/	4.05
NEBR	2.52	2/	2.93	2/	2/
REGION VII	2.59	3.03	2.66	2.99	4.99
COLO	2.44	2/	2.54	3.48	4.21
MONT	2.10	2/	2.59	2/	3.37
N DAK	2.60	3.03	2.85	2/	2/
S DAK	2.19	2/	2.25	2/	2/
UTAH	2.20	2/	2.32	2/	3.79
WYO	1.95	2/	2.23	2/	3.20
REGION VIII	2.25	2.83	2.55	3.03	3.88
ARIZ	2.31	2/	2.86	3.64	4.18
CALIF	3.01	3.35	3.25	3.81	4.80
NEV	2.13	2/	2/	3.08	3.60
REGION IX	2.96	3.34	3.20	3.79	4.73
IDAHO	2.60	2.89	2.89	3.43	4.04
OREG	2.59	2.90	3.17	3.90	4.20
WASH	2.97	3.18	3.23	3.85	4.27
REGION X	2.77	3.05	3.11	3.82	4.17
U S	2.47	2.84	2.66	3.48	4.42

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, JANUARY 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/	2.82	2/	2.80	2.91	2.90	2.86
N J	2.99	2/	2.99	2.80	3.20	2.92
N Y	2.62	3.73	2.58	2.64	3.00	2.86
REGION II	2.68	3.73	2.65	2.67	3.05	2.87
DEL	2.83		2.83	2.66	2.68	2.70
MD	2.73	2/	2.73	2.67	3.00	2.70
PA	2.94	2/	2.95	2.95	3.50	3.24
VA	2.48	2/	2.47	2.49	2.75	2.65
W VA	2.38	2/	2.39	2.27	2.31	2.17
REGION III	2.78	2.64	2.78	2.77	3.20	2.91
ALA	2.50	2.90	2.48	2.40	2.45	2.28
FLA	3.31	3.88	3.12	2.92	3.33	2.86
GA	2.62	2/	2.62	2.58	2.67	2.65
KY	2.61	2/	2.61	2.43	2.64	2.54
MISS	2.78	2/	2.78	2.67	2.95	2.67
N C	2.85	2/	2.85	2.55	2.96	2.69
S C	2.48	2.50	2.48	2.41	2.55	2.45
TENN	2.41	2/	2.38	2.41	2.60	2.56
REGION IV	2.90	3.68	2.79	2.67	2.99	2.69
ILL	2.89	2/	2.78	3.16	3.20	3.05
IND	2.85	2/	2.85	2.63	3.00	2.68
MICH	2.92	2/	2.92	2.70	3.04	2.90
MINN	2.87	2/	2.86	3.00	3.20	3.05
OHIO	2.88	2/	2.88	2.74	3.04	2.78
WIS	2.51	2/	2.49	2.77	2.90	2.75
REGION V	2.78	3.77	2.75	2.85	3.07	2.87
ARK	2.90	2/	2.90	2.50	2.97	2.54
LA	2.77	2/	2.77	2.56	2.75	2.51
N MEX	2.50	2/	2.50	2.48	2.69	2.61
OKLA	2.77	2/	2.77	2.63	2.98	2.69
TEX	2.74	2/	2.74	2.64	2.87	2.71
REGION VI	2.75	2.38	2.75	2.61	2.87	2.67
IOWA	2.68	2/	2.67	3.05	3.45	3.08
KANS	3.13		3.13	2.69	2.92	2.75
MO	2.67	2/	2.67	2.70	2.87	2.70
NEBR	3.11	2/	3.11	2.94	3.28	2.98
REGION VII	2.88	3.62	2.87	2.84	3.14	2.88
COLO	2.99	2/	2.99	2.77	3.00	2.58
MONT	2.58		2.58	2.80	2.98	2.72
N DAK	3.08		3.08	3.34	3.54	3.33
S DAK	2.59	2/	2.59	2.45	2.70	2.58
UTAH	2.71	2/	2.72	2.74	2.92	2.79
WYO	2.64	2/	2.64	2.75	2.86	2.88
REGION VIII	2.77	2.82	2.77	2.76	2.95	2.71
ARIZ	2.87	3.50	2.78	2.62	2.97	2.62
CALIF	3.41	3.82	3.35	3.13	3.40	3.08
NEV	2.45		2.45	3.26	2.83	3.25
REGION IX	3.34	3.79	3.28	3.08	3.36	3.04
IDAHO	3.16	2/	3.21	2.81	3.19	2.85
OREG	3.17	2.97	3.17	3.05	3.28	3.03
WASH	3.81	3.95	3.79	3.35	3.80	3.37
REGION X	3.46	3.65	3.44	3.14	3.52	3.15
U S	2.96	3.69	2.90	2.84	3.12	2.86

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, JANUARY 9-15, 1977, BY STATES,  
STANDARD FEDERAL REGIONS AND UNITED STATES (REVISED)

STATE AND REGION	FARM WAGE RATES - TYPE OF WORK PERFORMED					SUPERVISORS
	FIELD AND LIVESTOCK WORKERS	PACKING- HOUSE WORKERS	MACHINE OPERATORS	MAINTENANCE & BOOKKEEPING WORKERS		
DOLLARS PER HOUR						
REGION I 1/	2.40	2.75	2/	3.51	4.20	
N J	2.59	2.88	2/	2/	5.17	
N Y	2.40	2.56	2/	2/	2/	
REGION II	2.43	2.63	3.29	3.73	5.12	
DEL	2.80	2.57	2/	2/	2/	
MD	2.39	2/	2/	3.75	2/	
PA	2.68	3.16	3.58	3.70	4.54	
VA	2.24	2/	2/	2/	2/	
W VA	2.26	2.01	2/	2/	3.37	
REGION III	2.54	2.92	3.47	3.63	4.46	
ALA	2.25	3.07	2.98	2/	2/	
FLA	3.07	2.82	3.25	4.41	4.94	
GA	2.42	2.68	2.75	2/	4.24	
KY	2.45	2/	2/	2/	2/	
MISS	2.37	2/	2.61	3.49	4.75	
N C	2.65	2/	3.10	3.60	2/	
S C	2.23	2/	2.35	3.00	4.10	
TENN	2.30	2/	2/	2/	2/	
REGION IV	2.65	2.77	2.99	3.85	4.79	
ILL	2.60	2/	3.40	3.70	5.20	
IND	2.56	2.81	2/	3.75	5.05	
MICH	2.65	2.85	2/	3.62	2/	
MINN	2.48	2/	3.50	3.75	5.10	
OHIO	2.50	2.70	2/	2/	5.00	
WIS	2.33	2.85	2/	2/	2/	
REGION V	2.49	2.81	3.25	3.76	4.99	
ARK	2.50	2/	2.80	3.20	4.70	
LA	2.49	2/	2.67	2.90	4.50	
N MEX	2.36	2/	2.37	2/	4.03	
OKLA	2.56	2/	2/	3.30	4.20	
TEX	2.38	2.62	2.62	3.45	4.52	
REGION VI	2.43	2.54	2.64	3.31	4.49	
IOWA	2.53	2/	2/	2/	2/	
KANS	3.00	2/	3.75	2/	2/	
MO	2.52	2/	2.90	2.95	2/	
NEBR	2.95	2/	3.10	4.06	2/	
REGION VII	2.72	2.79	3.30	3.35	4.92	
COLO	2.80	2/	2/	3.73	4.65	
MONT	2.43	2/	2/	2/	3.99	
N DAK	2.82	3.31	3.08	3.32	2/	
S DAK	2.40	2/	2/	2/	2/	
UTAH	2.60	2/	2/	2/	2/	
WYO	2.46	2/	2/	2.90	4.00	
REGION VIII	2.57	2.87	3.10	3.49	4.43	
ARIZ	2.60	2.80	2.79	3.68	4.50	
CALIF	3.11	3.15	3.52	4.04	5.02	
NEV	2.27	2/	2/	2/	3.35	
REGION IX	3.06	3.09	3.36	4.00	4.95	
IDAHO	2.73	3.00	3.61	3.87	2/	
OREG	2.83	3.15	3.47	4.02	4.90	
WASH	3.58	3.19	3.63	4.30	5.00	
REGION X	3.08	3.14	3.57	4.17	4.95	
U S	2.68	2.86	3.04	3.75	4.78	

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, APRIL 10-16, 1977 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/	2.59	2.38	2.59	2.79	2.72	2.76
N J	2.79	2/	2.79	2.70	2.99	2.72
N Y	2.36	2/	2.36	2.59	2.68	2.63
REGION II	2.45	2.57	2.45	2.62	2.74	2.65
DEL	2.53	2/	2.54	2.56	2.83	2.80
MD	2.58	2/	2.53	2.65	2.86	2.81
PA	2.65	2/	2.65	2.75	2.87	2.75
VA	2.42	2/	2.39	2.45	2.90	2.63
W VA	2.33	2/	2.30	2.23	2.55	2.28
REGION III	2.55	2.87	2.53	2.62	2.86	2.72
ALA	2.62	2/	2.61	2.37	2.28	2.32
FLA	3.35	4.06	3.11	2.90	3.32	2.87
GA	2.43	2.47	2.43	2.39	2.50	2.43
KY	2.48	2/	2.46	2.29	2.80	2.48
MISS	2.34	2.63	2.33	2.26	2.48	2.31
N C	2.53	2/	2.53	2.30	2.51	2.37
S C	2.37	2/	2.37	2.35	2.46	2.38
TENN	2.54	2/	2.52	2.27	2.86	2.34
REGION IV	2.68	3.56	2.58	2.45	2.75	2.51
ILL	2.83	2/	2.82	3.15	3.20	3.12
IND	2.82	2/	2.81	2.76	2.85	2.77
MICH	2.85	3.13	2.83	2.90	3.03	2.89
MINN	2.64	2/	2.64	3.15	3.34	2.95
OHIO	2.96	2/	2.96	2.81	3.00	2.82
WIS	2.53	2/	2.50	2.77	2.75	2.80
REGION V	2.72	3.12	2.70	2.94	3.00	2.89
ARK	2.62	2/	2.61	2.40	2.52	2.46
LA	2.64	2/	2.65	2.56	2.70	2.58
N MEX	2.30	2/	2.30	2.23	2.30	2.17
OKLA	2.45	2/	2.45	2.40	2.57	2.47
TEX	2.55	2/	2.54	2.57	2.71	2.66
REGION VI	2.56	3.09	2.55	2.50	2.65	2.59
IOWA	2.99	2/	2.99	2.92	3.46	2.93
KANS	3.08	2/	3.08	2.95	3.25	3.12
MO	2.49	2/	2.49	2.50	2.59	2.60
NEBR	2.74	2/	2.75	2.74	3.17	3.00
REGION VII	2.82	2.64	2.82	2.78	3.14	2.88
COLO	2.84	2.51	2.91	2.78	2.83	2.69
MONT	2.30	2/	2.30	2.90	2.92	3.03
N DAK	2.91	2/	2.91	3.06	3.08	3.03
S DAK	2.38	2/	2.38	2.46	2.69	2.60
UTAH	2.58	2/	2.53	2.53	2.86	2.51
WYO	2.48	2/	2.49	2.75	2.86	2.88
REGION VIII	2.63	2.62	2.62	2.79	2.87	2.78
ARIZ	2.90	3.25	2.85	2.59	3.10	2.65
CALIF	3.49	4.13	3.42	3.28	3.58	3.33
NEV	2.41	2/	2.41	3.07	3.10	3.13
REGION IX	3.43	4.02	3.36	3.23	3.54	3.29
IDAHO	2.92	2/	2.92	2.95	2.81	2.69
OREG	3.07	3.57	3.06	2.99	3.20	2.97
WASH	3.37	3.66	3.34	3.14	3.39	3.17
REGION X	3.15	3.63	3.13	3.04	3.18	3.00
U S	2.82	3.50	2.77	2.78	3.00	2.84

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 RATED BY TYPE OF WORK, APRIL 10-16, 1977 BY STATES,  
STANDARD FEDERAL REGIONS AND UNITED STATES

STATE AND REGION	FARM WAGE RATES-TYPE OF WORK PERFORMED				
	FIELD AND LIVESTOCK WORKERS	PACKING- HOUSE WORKERS	MACHINE OPERATORS	MAINTENANCE & BOOKKEEPING WORKERS	SUPERVISORS
DOLLARS PER HOUR					
REGION I 1/	2.30	2.67	2/	3.70	3.96
N J	2.65	2/	2/	2/	2/
N Y	2.20	2/	2/	2/	2/
REGION II	2.29	2.66	3.08	3.72	4.32
DEL	2.38	2/	2/	2/	2/
MD	2.29	2/	3.30	2/	2/
PA	2.33	3.00	3.45	3.61	4.50
VA	2.30	2/	2.60	2/	3.60
W VA	2.11	2/	2/	2/	2/
REGION III	2.30	2.89	2.97	3.51	4.04
ALA	2.12	2.40	3.00	3.50	2/
FLA	3.19	2.82	3.06	2/	4.87
GA	2.23	2/	2.38	2/	2/
KY	2.36	2/	2.95	2/	2/
MISS	2.13	2/	2.29	3.13	3.74
N C	2.16	2/	2.36	2/	4.83
S C	2.20	2/	2.35	2/	2/
TENN	2.41	2/	2.30	2/	2/
REGION IV	2.48	2.63	2.48	3.48	4.51
ILL	2.60	2/	3.00	2/	5.00
IND	2.70	2/	2.76	3.50	2/
MICH	2.62	2.85	3.31	2/	2/
MINN	2.50	3.00	3.29	2/	2/
OHIO	2.60	2.68	2/	2/	5.10
WIS	2.33	2/	2/	2/	4.60
REGION V	2.50	2.89	3.05	3.68	4.88
ARK	2.48	2/	2.60	2/	4.50
LA	2.43	2/	2.51	2.84	4.60
N MEX	2.09	2/	2.38	2.81	3.80
OKLA	2.30	2/	2/	2/	2/
TEX	2.24	2.62	2.56	3.35	4.30
REGION VI	2.30	2.62	2.57	3.19	4.38
IOWA	2.77	2/	2.88	2/	2/
KANS	2.98	2/	3.40	2/	4.80
MO	2.40	2/	2.50	2/	2/
NEBR	2.52	2/	3.20	2/	2/
REGION VII	2.65	2.72	2.82	3.29	5.17
COLO	2.68	2/	2.67	2/	4.43
MONT	2.16	2/	2/	2/	2/
N DAK	2.67	2/	3.00	2/	2/
S DAK	2.25	2/	2.55	2/	2/
UTAH	2.51	2/	2/	2/	2/
WYO	2.21	2/	3.00	2/	2/
REGION VIII	2.45	2.95	2.90	3.30	4.24
ARIZ	2.74	2.90	2.82	2/	4.20
CALIF	3.27	3.45	3.46	4.27	5.07
NEV	2.27	2/	2/	2/	3.44
REGION IX	3.22	3.40	3.37	4.23	4.96
IDAHO	2.87	2/	3.10	2/	3.82
OREG	2.86	3.10	3.22	4.00	4.76
WASH	3.08	3.29	3.43	4.08	5.10
REGION X	2.95	3.18	3.23	4.08	4.68
U S	2.62	2.93	2.77	3.67	4.64

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.

HAWAII FARM LABOR

During the week of April 10-16, 1977, the Agricultural labor force on Hawaii farms totaled 13,800, down 400 workers from the previous January survey week. Hired workers at 10,200 and farm operators and unpaid family members working 15 hours or more at 3,600 made up the Hawaii farm work force. Field and livestock workers accounted for 5,300 or 52 percent of all hired workers.

Operators and unpaid family members worked an average of 27.0 hours during the survey week. Hired workers averaged 39.3 hours.

All hired workers received a wage rate equivalent of \$4.52 per hour, the same as January. Field and livestock workers averaging \$3.77 per hour, earned 14 cents an hour less than last quarter.

Weather during the survey week was generally favorable. Rainfall was light in the low lying areas and moderate in some higher elevations. Sugar harvesting was active along with spraying crops to control insects and disease. Banana, pineapple and papaya supplies were light.

HAWAII FARM WAGE RATES BY METHOD OF PAY AND TYPE OF WORK,  
APRIL 10-16, 1977 WITH COMPARISONS

<u>METHOD OF PAY</u>	<u>DOLLARS PER HOUR</u>		
	<u>OCT. 10-16, 1976</u>	<u>JAN. 9-15, 1977</u>	<u>APR. 10-16, 1977</u>
All Hired Farm Workers	4.48	4.52	4.52
Paid by Other Than Piece-Rate	4.48	4.52	4.52
<i>Paid by Hour Only</i>	4.34	4.35	4.33
<i>Paid by Hour Cash Wages Only</i>	3.34	3.37	2.98
Field and Livestock	3.89	3.91	3.77
Machine Operators	4.69	4.76	5.01
Maintenance and Bookkeeping	5.01	4.92	5.23
Supervisors	6.09	6.50	6.52

HIREN WORKERS IN PUERTO RICO TOTALED 31,000

The hired work force on Puerto Rico farms numbered 31,000 during the survey week of April 10-16, 1977. This compares with 28,000 workers during the January work week and 33,000 a year ago. Field and livestock workers estimated at 28,000 were 90 percent of the total. These estimates include workers hired by both farm operators and agricultural service farms.

All hired workers averaged 30.7 hours during the survey week compared to 30.7 hours in January and 26.4 hours for the previous year. Farm wages for all methods of pay converted to an hourly rate averaged \$1.64. Last year the rate was \$1.72. Wages for field and livestock workers averaged \$1.56, up 1 cent from a year ago.

Dry weather benefited maturity of cane and tobacco harvesting and drying. Coffee trees blooming and good harvest expected. Planting active in some interior areas.

NUMBER OF FIELD AND LIVESTOCK WORKERS ON FARMS HIRED BY FARM OPERATORS AND  
 AGRICULTURAL SERVICE FIRMS 1/ FOUR QUARTER AVERAGE  
 (JULY 1976, OCTOBER 1976, JANUARY 1977 AND APRIL 1977)

STATE	ALL WORKERS	REGULAR WORKERS 150 DAYS OR MORE	SEASONAL WORKERS		CASUAL WORKERS LESS THAN 25 DAYS
			149 DAYS OR LESS	25 TO 149 DAYS	
THOUSANDS					
ALA	16.5	8.4	8.1	2.3	5.8
ARIZ	11.8	8.5	3.3	2.3	1.0
ARK	12.1	6.8	5.3	2.8	2.5
CALIF	196.9	109.3	87.6	62.0	25.6
COLO	11.4	7.5	3.9	2.0	1.9
CONN	3.7	2.4	1.3	.9	.4
DEL	1.2	.8	.4	.4	
FLA	55.6	42.0	13.6	10.5	3.1
GA	26.4	11.8	14.6	5.3	9.3
HAW	5.4	5.0	.4	.4	
IDAHO	15.1	6.5	8.6	4.8	3.8
ILL	27.3	12.0	15.3	6.4	8.9
IND	21.1	10.7	10.4	5.0	5.4
IOWA	36.3	16.9	19.4	6.9	12.5
KANS	15.5	9.4	6.1	3.6	2.5
KY	21.4	9.8	11.6	4.4	7.2
LA	10.5	7.3	3.2	1.7	1.5
MAINE	6.3	2.9	3.4	2.8	.6
MD	8.7	6.2	2.5	1.5	1.0
MASS	4.7	2.7	2.0	1.3	.7
MICH	22.0	12.1	9.9	6.3	3.6
MINN	29.8	13.9	15.9	6.9	9.0
MISS	18.4	10.3	8.1	3.7	4.4
MO	19.3	9.6	9.7	3.4	6.3
MONT	6.3	5.1	1.2	.9	.3
NEBR	14.6	8.9	5.7	2.4	3.3
NEV	2.0	1.6	.4	.3	.1
N H	1.6	1.1	.5	.2	.3
N J	8.5	4.7	3.8	3.5	.3
N MEX	5.0	3.7	1.3	.9	.4
N Y	27.0	17.5	9.5	4.5	5.0
N C	62.3	12.6	49.7	19.0	30.7
N DAK	4.3	2.6	1.7	1.6	.1
OHIO	18.8	10.8	8.0	4.5	3.5
OKLA	16.3	7.9	8.4	3.9	4.5
OREG	18.5	7.5	11.0	6.9	4.1
PA	24.4	17.7	6.7	3.3	3.4
R I	.6	.5	.1	.1	
S C	13.5	5.3	8.2	4.9	3.3
S DAK	7.6	5.5	2.1	1.1	1.0
TENN	14.7	7.4	7.3	2.4	4.9
TEX	49.1	35.4	13.7	9.0	4.7
UTAH	5.2	2.8	2.4	.8	1.6
VT	5.2	3.9	1.3	1.0	.3
VA	25.3	11.1	14.2	8.9	5.3
WASH	38.1	9.0	29.1	11.5	17.6
W VA	4.4	1.7	2.7	1.2	1.5
WIS	36.6	27.2	9.4	7.1	2.3
WYO	4.0	3.1	.9	.6	.3
P R	28.0	18.4	9.6	7.3	2.3
U S 2/	1,039.3	565.8	473.5	255.4	218.1

1/ AGRICULTURAL SERVICES INCLUDE SERVICES FOR SOIL PREPARATION, CROPS, LIVESTOCK (EXCLUDING ANIMAL SPECIALTIES), FARM LABOR AND MANAGEMENT. 2/ INCLUDES PUERTO RICO.

