

FARM LABOR



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FARM LABOR FORCE DOWN 4 PERCENT FROM LAST YEAR

The total labor force on the Nation's farms during the survey week of October 9-15, 1977 was estimated at 4,145,900 workers, down 4 percent from last year. Farm operators plus unpaid family members working 15 hours or more numbered 2,829,100 while hired labor accounted for 1,316,800 workers. Field and livestock workers accounted for 819,700 or 62 percent of total hired workers. Field workers totaled 592,200 while livestock workers numbered 227,500.

Family members, as a group, averaged 39.0 hours of work for the survey week compared to 38.1 hours a year earlier. Farm operators worked an average of 40.1 hours while unpaid family members put in 36.8 hours. Hired workers averaged 39.4 hours for the week compared to 39.1 a year earlier.

WAGE RATES ABOVE LAST YEAR

Wage rates for all methods of pay converted to an hourly rate averaged \$2.99 during the survey week. Last year the average was \$2.80 per hour. Hourly workers receiving only cash wages averaged \$3.08, an increase of 27 cents from last year. Wages for field and livestock workers averaged \$2.80, up 20 cents from the previous year.

COOLER WEATHER ENHANCED FALL HARVEST

Fall crop harvest picked up slightly as cooler than normal and freezing, damp weather covered a large portion of the Nation east of the Rocky Mountains. Southern row crop harvest was helped by cool, open weather while many northern States began to dry out in varying degrees.

Winter wheat seeding made good progress, but was hampered by damp weather in the north central States. Wheat seeding in Texas was delayed due to lack of moisture. Corn harvest generally moved at a slow pace, although mild weather in the southern States allowed farmers to make good progress.

The Nation's soybean harvest was behind last year, but early freezing conditions across the northern two-thirds of the Country enhanced drying conditions. Cotton picking was about one-half complete in the eleven southern States; light frosts helped defoliate plants in northern areas of the Cotton Belt.

Apple harvest advanced and was virtually complete for some varieties throughout the Great Lakes Region. Early citrus and pecan harvests were continuing in Texas; cool temperatures helped color most Florida citrus. Vegetable harvest was underway in Florida, Texas and California. Some vegetable losses were expected in the northeast portion of the U.S. from continued damp, cold weather.

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 SRS list frame is assembled from various sources. It 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 SRS 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 farm operators. Therefore, the area frame is used primarily to estimate for the incompleteness in the list. Use of the multiple frame sample allows the desirable attributes of both frames to be 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 October 9-15, 1977 is 2.6 percent at the National level. In terms of numbers, the standard error is 34,237 of a total of 1,316,800 workers. Chances are approximately two out of three that the complete coverage value would lie between 1,282,563 and 1,351,037 workers. The relative standard error of the estimate of hired workers by regions ranges from 6.1 percent in Region 5 to 12.3 percent in Region 1.

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

ITEM	ANNUAL AVERAGE 1975	ANNUAL AVERAGE 1976	OCT 10-16, 1976	JUL 10-16, 1977	OCT 9-15, 1977
FARM EMPLOYMENT (THOUSANDS)					
TOTAL	4,342.1	4,375.9	4,300.5	5,059.5	4,145.9
FAMILY LABOR	3,025.5	2,999.2	2,960.4	3,186.9	2,829.1
HIRED LABOR	1,316.6	1,376.7	1,340.1	1,872.6	1,316.8
INDEXES 1/ (1910-T4=100)					
TOTAL	32	32	30	30	30
FAMILY LABOR	30	30	28	28	28
HIRED LABOR	35	37	34	34	34
(1967=100)					
TOTAL	89	89	81	82	81
FAMILY LABOR	83	83	78	78	78
HIRED LABOR	92	97	89	89	89

1/ INDEXES ARE ADJUSTED FOR SEASONAL VARIATION.

FARM WAGE RATES, OCTOBER 1977 WITH COMPARISONS, UNITED STATES

ITEM	ANNUAL AVERAGE 1975	ANNUAL AVERAGE 1976	OCT 10-16, 1976	JUL 10-16, 1977	OCT 9-15, 1977
METHOD OF PAY:					
	DOLLARS PER HOUR				
ALL HIRED FARM WORKERS	2.43	2.66	2.80	2.77	2.99
PAID BY PIECE-RATE	2.96	3.14	3.27	3.12	3.75
PAID BY OTHER THAN PIECE-RATE	2.38	2.61	2.75	2.74	2.92
PAID BY HOUR ONLY 1/	2.39	2.60	2.74	2.76	3.00
PAID BY CASH WAGES ONLY 2/	2.60	2.81	2.94	2.93	3.24
PAID BY HOUR CASH WAGES ONLY 3/	2.45	2.65	2.81	2.81	3.08
TYPE OF WORK PERFORMED:					
FIELD AND LIVESTOCK WORKERS	2.26	2.47	2.60	2.56	2.80
PACKINGHOUSE WORKERS	2.52	2.80	2.89	3.17	3.03
MACHINE OPERATORS	2.50	2.72	2.79	2.83	2.99
MAINTENANCE AND BOOKKEEPING	3.15	3.45	3.42	5/	5/
SUPERVISORS	4.00	4.39	4.47	4.54	4.63
OTHER AGRICULTURAL WORKERS	2.76	2.82	5/3.15	5/3.33	5/3.35
INDEXES 4/ (1910-T4=100)	1,612	1,764	1,742	1,956	1,867
(1967=100)	190	208	206	231	220

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.

5/ MAINTENANCE AND BOOKKEEPING COMBINED WITH OTHER AGRICULTURAL WORKERS.

WORKERS ON FARMS, OCTOBER 9-15, 1977 WITH COMPARISONS

STATE AND REGION	OCT 10-16, 1976 1/			JUL 10-16, 1977 1/			OCT 9-15, 1977		
	TOTAL	FAMILY	HIRED	TOTAL	FAMILY	HIRED	TOTAL	FAMILY	HIRED
	THOUSANDS								
REGION I 2/	87	48	39	96	51	45	88	40	48
N J	22	11	11	36	13	23	21	11	10
N Y	122	86	36	116	73	43	108	70	38
REGION II	144	97	47	152	86	66	129	81	48
DEL	5.8	3.8	2.0	7.2	4.3	2.9	5.2	3.0	2.2
MD	33	20	13	36	22	14	29	19	10
PA	117	87	30	162	123	39	134	97	37
VA	90	58	32	72	49	23	82	50	32
W VA	41.5	34	7.5	49.3	43	6.3	33.3	30	3.3
REGION III	287.3	202.8	84.5	326.5	241.3	85.2	283.5	199	84.5
ALA	92	65	27	91	63	28	74	51	23
FLA	82	29	53	80	35	45	84	26	58
GA	77	50	27	105	56	49	76	50	26
KY	136	100	36	176	133	43	126	99	27
MISS	88	55	33	95	60	35	92	53	39
N C	139	101	38	301	126	175	121	80	41
S C	49	32	17	87	42	45	45	33	12
TENN	145	120	25	148	115	33	130	100	30
REGION IV	808	552	256	1,083	630	453	748	492	256
ILL	185	148	37	195	128	67	195	160	35
IND	135	100	35	133	88	45	141	106	35
MICH	120	88	32	135	96	39	100	75	25
MINN	227	182	45	236	177	59	215	180	35
OHIO	159	133	26	179	141	38	180	150	30
WIS	199	155	44	240	176	64	196	152	44
REGION V	1,025	806	219	1,118	806	312	1,027	823	204
ARK	92	64	28	125	78	47	83	58	25
LA	73	46	27	56	39	17	66	36	30
N MEX	23	17	6.0	34	23	11	21	13	8.0
OKLA	86	70	16	112	82	30	88	70	18
TEX	239	164	75	284	179	105	249	170	79
REGION VI	513	361	152	611	401	210	507	347	160
IOWA	231	196	35	268	194	74	216	177	39
KANS	106	81	25	114	87	27	107	76	31
MO	179	155	24	167	145	22	158	136	22
NEBR	130	106	24	146	106	40	106	89	17
REGION VII	646	538	108	695	532	163	587	478	109
COLO	51	34	17	65	42	23	54	34	20
MONT	32	23	9.0	41	29	12	28	22	6.0
N DAK	55	46	9.0	86	71	15	67	58	9.0
S DAK	52	45	7.0	87	70	17	69	61	8.0
UTAH	21	15	6.0	28	19	9.0	24	18	6.0
WYO	15	9.0	6.0	17	9.0	8.0	12	7.0	5.0
REGION VIII	226	172	54	324	240	84	254	200	54
ARIZ	19.5	6.5	13	21.5	8.0	13.5	22.5	7.0	15.5
CALIF	334	75	259	372	76	296	291	62	229
NEV	4.7	2.1	2.6	5.5	2.6	2.9	4.9	2.1	2.8
REGION IX	358.2	83.6	274.6	399.0	86.6	312.4	318.4	71.1	247.3
IDAHO	67	28	39	55	28	27	55	28	27
OREG	57	38	19	96	42	54	67	35	32
WASH	82	34	48	104	43	61	82	35	47
REGION X	206	100	106	255	113	142	204	98	106
U S	4,300.5	2,960.4	1,340.1	5,059.5	3,186.9	1,872.6	4,145.9	2,829.1	1,316.8

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

HIRED FIELD AND LIVESTOCK WORKERS ON FARMS,
OCTOBER 9-15, 1977 WITH COMPARISONS

STATE AND REGION	OCT 10-16, 1976 1/		JUL 10-16, 1977 1/ 2/		OCT 9-15, 1977 2/		
	FIELD AND LIVESTOCK	WORKERS	FIELD WORKERS	LIVESTOCK WORKERS	FIELD AND LIVESTOCK	WORKERS	FIELD AND LIVESTOCK
THOUSANDS							
REGION I 3/	26	30	6.0	36	26	9.0	35
N J	8.0	15	1.3	16.3	5.1	1.4	6.5
N Y	29	26	10	36	20	9.0	29
REGION II	37	41	11.3	52.3	25.1	10.4	35.5
DEL	1.2	1.7	.4	2.1	.8	.5	1.3
MD	9.0	6.0	4.0	10	4.0	3.0	7.0
PA	20	28	4.0	32	23	7.0	30
VA	22	15	4.0	19	20	5.0	25
W VA	6.2	5.1	.6	5.7	1.7	.7	2.4
REGION III	58.4	55.8	13.0	68.8	49.5	16.2	65.7
ALA	17	13	6.0	19	13	3.0	16
FLA	37	24	5.0	29	30	6.0	36
GA	17	30	7.0	37	9.0	4.0	13
KY	20	33	3.0	36	18	4.0	22
MISS	12	10	9.0	19	10	8.0	18
N C	20	144	7.0	151	20	5.0	25
S C	8.0	26	5.0	31	4.0	3.0	7.0
TENN	15	22	3.0	25	20	3.0	23
REGION IV	146	302	45	347	124	36	160
ILL	14	47	5.0	52	13	7.0	20
IND	22	28	5.0	33	10	10	20
MICH	24	28	5.0	33	14	4.0	18
MINN	27	44	8.0	52	12	5.0	17
OHIO	15	27	3.0	30	19	2.0	21
WIS	35	40	16	56	9.0	24	33
REGION V	137	214	42	256	77	52	129
ARK	7.0	25	10	35	4.0	2.0	6.0
LA	11	7.0	1.0	8.0	8.0	5.0	13
N MEX	4.0	5.0	3.0	8.0	3.0	3.0	6.0
OKLA	12	13	5.0	18.0	7.0	4.0	11
TEX	43	53	17	70	21	21	42
REGION VI	77	103	36	139	43	35	78
IOWA	27	56	7.0	63	10	10	20
KANS	16	13	4.0	17	2.0	6.0	8.0
MO	13	13	4.0	17	9.0	4.0	13
NEBR	13	22	4.0	26	5.0	3.0	8.0
REGION VII	69	104	19	123	26	23	49
COLO	10	10	7.0	17	7.0	5.0	12
MONT	7.0	3.0	2.0	5.0	2.0	2.0	4.0
N DAK	2.0	7.0	4/	7.0	2.0	4/	2.0
S DAK	6.0	5.0	1.0	6.0	3.0	2.0	5.0
UTAH	4.1	5.0	3.0	8.0	1.3	3.4	4.7
WYO	4.0	4.0	2.0	6.0	1.0	2.0	3.0
REGION VIII	33.1	34	15	49	16.3	14.4	30.7
ARIZ	8.2	7.0	2.0	9.0	7.5	2.1	9.6
CALIF	182	192	19	211	135	19	154
NEV	2.1	1.3	.9	2.2	.8	1.4	2.2
REGION IX	192.3	200.3	21.9	222.2	143.3	22.5	165.8
IDAHO	20	16	3.0	19	10	2.0	12
OREG	11	43	3.0	46	20	3.0	23
WASH	32	45	3.0	48	32	4.0	36
REGION X	63	104	9.0	113	62	9.0	71
U S	838.8	1,188.1	218.2	1,406.3	592.2	227.5	819.7

1/ REVISED. 2/ BEGINNING WITH JUL 1977, FIELD AND LIVESTOCK WORKERS ARE PUBLISHED SEPARATELY.
3/ REGION I: CONN, MAINE, MASS, N H, R I, AND VT. 4/ INSUFFICIENT DATA FOR THIS CATEGORY-DATA INCLUDED IN ALL HIRED FARM WORKERS.

HOURS WORKED PER WORKER, OCTOBER 1976 AND JULY 1977 (REVISED)

STATE AND REGION	OCT 10-16, 1976				JUL 10-16, 1977			
	FARM OPERATOR	OTHER UNPAID FAMILY MEMBERS 1/	ALL FAMILY 1/	HIREN WORKERS	FARM OPERATOR	OTHER UNPAID FAMILY MEMBERS 1/	ALL FAMILY 1/	HIREN WORKERS
HOURS								
REGION I 2/	35.8	29.1	33.6	37.9	47.3	30.8	41.3	36.1
N J	38.6	36.0	37.8	40.1	38.4	36.5	37.6	38.0
N Y	45.9	33.1	41.3	39.4	46.6	40.9	44.3	40.5
REGION II	45.1	33.4	40.9	39.5	45.2	40.2	43.1	39.6
DEL	38.8	36.0	37.7	35.2	37.2	30.2	34.7	43.0
MD	37.4	31.0	35.7	37.3	42.5	40.7	41.8	40.5
PA	40.0	30.7	36.4	38.9	42.5	34.3	38.8	39.7
VA	34.8	31.3	33.5	31.0	28.2	34.7	30.1	35.0
W VA	21.3	27.3	22.4	32.0	28.9	35.1	31.6	24.2
REGION III	34.4	30.8	33.2	35.0	36.6	35.0	36.0	37.5
ALA	23.8	28.4	24.8	28.0	26.6	32.0	27.7	34.6
FLA	30.7	30.1	30.6	36.7	27.5	32.9	29.2	37.2
GA	28.7	36.0	29.6	35.2	30.1	38.0	32.1	28.6
KY	31.0	35.2	32.2	27.3	30.9	35.0	32.2	27.2
MISS	28.5	26.6	28.1	42.0	18.9	28.2	20.1	36.3
N C	27.1	32.1	28.3	31.0	32.8	37.9	34.6	19.6
S C	21.3	29.7	22.4	34.2	28.0	38.0	29.9	28.0
TENN	23.4	31.3	25.2	30.3	21.5	38.0	25.2	26.0
REGION IV	26.8	31.9	27.9	33.3	27.3	35.9	29.6	26.4
ILL	49.8	44.4	48.0	43.2	34.7	37.8	35.6	31.1
IND	46.0	38.4	43.5	34.6	34.8	37.0	35.5	36.1
MICH	39.3	39.6	39.4	35.0	38.5	33.3	36.7	34.7
MINN	55.2	38.2	48.0	37.3	58.6	43.5	51.4	31.4
OHIO	33.7	33.5	33.6	36.5	36.5	34.1	35.7	33.9
WIS	55.1	35.9	45.6	40.3	61.2	44.0	52.1	38.9
REGION V	47.5	37.9	43.7	37.7	44.9	40.1	43.0	34.3
ARK	29.5	35.7	30.5	45.0	30.0	34.0	31.0	38.0
LA	28.0	38.4	30.1	42.9	24.8	32.7	25.8	35.2
N MEX	35.1	28.0	32.6	46.5	41.1	38.0	39.8	43.7
OKLA	33.1	37.6	34.2	33.8	30.8	39.5	33.2	34.0
TEX	29.4	36.3	30.6	38.4	29.9	39.2	31.7	38.4
REGION VI	30.1	35.2	31.3	40.3	30.1	37.8	31.9	38.0
IOWA	57.3	34.2	48.1	41.8	45.0	36.8	41.5	25.0
KANS	53.4	50.9	52.6	42.0	54.7	49.7	53.1	44.0
MO	32.2	34.2	32.7	44.9	29.7	29.8	29.7	36.8
NEBR	58.3	38.6	50.2	40.4	52.8	49.4	51.4	38.3
REGION VII	48.6	37.5	44.8	42.2	43.4	40.6	42.4	33.0
COLO	42.0	42.0	42.0	47.9	50.6	40.3	46.1	47.9
MONT	49.8	38.9	46.5	47.5	61.0	50.0	56.2	57.8
N DAK	38.3	31.8	36.0	46.4	56.0	48.0	52.3	48.0
S DAK	45.8	43.9	45.2	44.5	56.3	43.1	50.3	47.5
UTAH	43.2	36.4	42.0	34.5	37.4	33.9	36.5	37.0
WYO	51.4	35.0	44.2	53.2	51.9	41.9	48.2	51.0
REGION VIII	43.6	36.7	42.0	46.3	53.6	40.5	49.7	48.3
ARIZ	42.4	23.4	33.2	47.3	42.9	24.0	32.2	47.9
CALIF	37.3	39.4	37.8	42.2	37.0	35.6	36.7	44.3
NEV	50.6	42.7	49.0	56.5	52.3	43.7	48.0	53.5
REGION IX	37.8	37.4	37.7	42.6	37.6	34.1	36.6	44.5
IDAHO	51.4	44.0	48.5	48.1	55.9	44.0	51.7	48.2
OREG	27.7	31.2	26.6	41.4	40.6	38.8	39.9	30.7
WASH	35.0	36.6	35.3	39.5	36.1	38.5	36.7	39.1
REGION X	36.1	37.7	36.5	43.0	42.2	40.2	41.6	37.0
U S	39.1	36.1	38.1	39.1	38.4	39.0	38.6	35.5

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 9-15, 1977			
	FARM OPERATOR	OTHER UNPAID FAMILY MEMBER 1/	ALL FAMILY 1/	HIRED WORKERS
HOURS				
REGION I 2/	45.0	31.5	41.2	37.6
N J	43.1	31.4	38.7	39.3
N Y	46.2	40.1	43.8	39.8
REGION II	45.8	39.0	43.1	39.7
DEL	41.3	40.0	41.0	35.0
MD	29.8	31.2	30.3	36.8
PA	46.4	39.6	43.6	36.2
VA	30.8	29.8	30.5	26.2
W VA	26.4	30.1	26.9	38.0
REGION III	37.9	36.2	37.3	32.5
ALA	27.2	33.0	28.5	28.2
FLA	28.3	32.8	29.3	36.6
GA	25.5	25.0	25.3	36.7
KY	33.7	37.3	34.9	25.5
MISS	30.0	27.0	29.1	37.0
N C	25.9	33.0	27.6	22.9
S C	23.3	28.2	24.4	34.4
TENN	21.8	26.7	22.9	24.0
REGION IV	27.0	31.3	28.1	31.0
ILL	50.9	35.5	46.1	42.9
IND	44.8	37.5	42.3	41.5
MICH	42.7	40.4	41.8	40.0
MINN	52.7	40.7	47.4	41.0
OHIO	38.0	28.4	33.8	34.8
WIS	61.4	40.2	50.7	43.1
REGION V	49.0	36.9	44.0	40.8
ARK	35.4	34.7	35.2	47.0
LA	28.7	36.3	30.2	43.9
N MEX	38.8	37.0	38.3	46.4
OKLA	30.3	40.9	32.4	36.8
TEX	32.7	32.1	32.6	44.0
REGION VI	32.3	34.9	32.9	43.8
IOWA	54.2	42.4	50.2	39.8
KANS	53.2	54.6	53.6	44.0
MO	27.0	36.4	28.4	34.0
NEBR	52.0	39.6	47.8	45.1
REGION VII	44.5	42.6	44.0	40.7
COLO	42.8	39.5	41.9	42.0
MONT	47.0	36.6	43.3	49.7
N DAK	50.6	38.3	45.7	45.2
S DAK	52.0	40.9	47.5	38.1
UTAH	36.4	28.1	32.5	39.4
WYO	47.4	39.5	44.1	50.0
REGION VIII	47.8	38.0	44.1	43.1
ARIZ	40.7	23.0	30.0	45.2
CALIF	32.9	38.0	34.1	43.7
NEV	49.6	42.5	46.7	46.8
REGION IX	33.7	34.9	34.0	43.8
IDAHO	50.1	46.5	48.7	50.5
OREG	32.2	30.0	31.5	37.3
WASH	34.0	31.7	33.3	42.0
REGION X	38.1	36.0	37.4	42.8
U S	40.1	36.8	39.0	39.4

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

FARM WAGE RATES BY METHOD OF PAY, OCTOBER 10-16, 1976 BY STATES,
STANDARD FEDERAL REGIONS AND UNITED STATES (REVISED)

STATE AND REGION	ALL HIRED FARM WORKERS	FARM WAGE RATES-METHOD OF PAY					BY HOUR RECEIVING CASH WAGES ONLY
		BY PIECE-RATE	BY OTHER THAN PIECE-RATE	BY HOUR ONLY	BY CASH WAGES ONLY		
DOLLARS PER HOUR							
REGION I 1/	2.71	3.00	2.65	2.80	2.69	2.81	
N J	2.93	3.00	2.92	2.72	3.16	2.87	
N Y	2.74	3.60	2.71	2.58	2.83	2.69	
REGION II	2.78	3.53	2.76	2.63	2.92	2.74	
DEL	2.72	2/	2.70	2.71	2.89	2.74	
MD	2.46	2/	2.44	2.65	3.05	2.80	
PA	2.77	3.40	2.72	2.79	3.08	2.89	
VA	2.46	2.85	2.40	2.49	2.65	2.55	
W VA	2.43	2.98	2.27	2.08	2.87	2.07	
REGION III	2.57	3.05	2.52	2.62	2.91	2.70	
ALA	2.41	2.90	2.39	2.19	2.41	2.20	
FLA	3.02	3.81	2.93	2.71	3.01	2.70	
GA	2.49	2/	2.48	2.56	2.67	2.62	
KY	2.23	2/	2.23	2.02	2.12	2.02	
MISS	2.25	2/	2.25	2.17	2.28	2.23	
N C	2.47	2.53	2.46	2.45	2.51	2.48	
S C	2.39	2.70	2.33	2.30	2.41	2.34	
TENN	2.28	2/	2.25	2.33	2.50	2.46	
REGION IV	2.49	3.10	2.45	2.36	2.53	2.42	
ILL	2.73	2/	2.72	2.94	3.02	3.00	
IND	2.79	2/	2.78	2.91	2.89	3.06	
MICH	2.79	3.09	2.74	2.82	2.89	2.81	
MINN	2.93	2/	2.93	3.08	3.13	3.13	
OHIO	2.72	3.22	2.71	2.65	2.90	2.73	
WIS	2.44	2/	2.44	2.56	2.72	2.55	
REGION V	2.74	3.07	2.72	2.85	2.92	2.90	
ARK	2.61	2/	2.60	2.24	2.70	2.36	
LA	2.53	2/	2.53	2.47	2.59	2.47	
N MEX	2.27	2/	2.26	2.19	2.40	2.24	
OKLA	2.41	2.72	2.38	2.52	2.65	2.50	
TEX	2.56	2/	2.56	2.30	2.63	2.42	
REGION VI	2.54	2.69	2.53	2.34	2.63	2.43	
IOWA	2.73		2.73	2.74	2.81	2.86	
KANS	3.00	2/	2.99	2.88	3.15	2.95	
MO	2.50	2/	2.50	2.69	2.69	2.75	
NEBR	2.62	2.95	2.61	2.88	2.86	2.85	
REGION VII	2.72	3.13	2.72	2.80	2.87	2.85	
COLO	2.90	2/	2.89	2.80	2.91	2.73	
MONT	2.42	2/	2.42	2.71	2.88	2.67	
N DAK	3.23		3.23	3.45	3.45	3.56	
S DAK	2.18	2/	2.18	2.33	2.40	2.46	
UTAH	2.55	3.00	2.54	2.62	2.55	2.58	
WYO	2.42		2.42	2.78	2.83	2.88	
REGION VIII	2.68	3.05	2.68	2.86	2.87	2.86	
ARIZ	2.76	3.00	2.72	2.63	2.96	2.72	
CALIF	3.33	3.30	3.34	3.17	3.39	3.22	
NEV	2.34		2.34	2.77	2.87	2.76	
REGION IX	3.29	3.29	3.29	3.15	3.37	3.20	
IDAHO	2.85	3.44	2.80	2.87	2.92	2.77	
OREG	3.19	3.27	3.19	3.01	3.31	3.04	
WASH	3.53	3.76	3.36	3.19	3.64	3.19	
REGION X	3.22	3.68	3.07	3.00	3.28	2.96	
U S	2.80	3.27	2.75	2.74	2.94	2.81	

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 10-16, 1976 BY STATES,
STANDARD FEDERAL REGIONS AND UNITED STATES (REVISED)

STATE AND REGION	FARM WAGE RATES - TYPE OF WORK PERFORMED					
	FIELD & LIVESTOCK WORKERS	PACKING-HOUSE WORKERS	MACHINE OPERATORS	MAINTENANCE & BOOKKEEPING WORKERS 3/	SUPERVISORS	OTHER AGRICULTURAL WORKERS 4/
DOLLARS PER HOUR						
REGION I 1/	2.52	2.72	2.79	2/	3.85	2.96
N J	2.73	2.75	3.08	2/	2/	3.57
N Y	2.61	2.82	3.06	2/	2/	3.21
REGION II	2.64	2.79	3.06	3.58	4.27	3.39
DEL	2.50	2/	2.80	2/	2/	3.23
MD	2.06	2/	2.83	2/	2/	3.19
PA	2.52	2.91	2/	3.53	4.19	3.01
VA	2.29	2.85	2.59	2/	2/	2.88
W VA	2.09	2/	2/	2/	4.00	3.57
REGION III	2.33	2.80	2.80	3.49	3.91	3.05
ALA	2.16	2.69	2.38	2/	2/	3.12
FLA	2.72	2.81	3.01	3.68	4.47	3.82
GA	2.32	2/	2.42	2/	2/	3.28
KY	2.05	2/	2.10	2/	2/	2.29
MISS	2.05	2/	2.14	2.53	3.60	2.56
N C	2.34	2.20	2.61	2/	2/	2.44
S C	2.17	2/	2.30	2/	2/	3.07
TENN	2.10	2/	2.53	3.10	2/	2.83
REGION IV	2.32	2.39	2.41	3.22	4.21	2.74
ILL	2.40	2/	2.95	2/	4.60	3.25
IND	2.45	2.82	2.68	2/	2/	4.01
MICH	2.53	2/	3.10	2/	2/	3.58
MINN	2.39	2/	3.25	3.30	5.00	3.46
OHIO	2.47	2.64	2.70	3.97	2/	3.52
WIS	2.25	2/	2.75	2/	2/	3.03
REGION V	2.41	2.73	2.97	3.54	4.89	3.56
ARK	2.23	2/	2.50	2/	4.20	2.80
LA	2.26	2/	2.36	2.80	4.30	2.45
N MEX	2.00	2/	2.63	2/	3.85	2.88
OKLA	2.13	2/	2.65	2/	2/	2.83
TEX	2.33	2.86	2.44	3.24	4.52	3.11
REGION VI	2.26	2.78	2.45	2.99	4.34	2.94
IOWA	2.53	2/	2.93	2/	2/	3.42
KANS	2.90	2/	3.00	2/	2/	3.26
MO	2.32	2/	2.45	2.80	2/	2.97
NEBR.	2.50	2/	2.64	2/	2/	3.50
REGION VII	2.59	2.79	2.75	3.06	5.15	3.27
COLO	2.74	2/	2.76	3.54	4.31	3.55
MONT	2.26	2/	2.44	2/	3.97	2.48
N DAK	2.83	2/	3.30	2/	2/	3.46
S DAK	2.09	2/	2.32	2/	2/	3.15
UTAH	2.38	2/	2.90	2/	3.80	2.14
WYO	2.06	2/	2.65	2/	4.30	2.45
REGION VIII	2.39	2.62	2.93	3.34	4.15	3.01
ARIZ	2.52	2/	2.73	2/	4.12	3.04
CALIF	3.15	3.30	3.34	4.01	4.87	3.99
NEV	2.20	2/	2/	2/	3.30	2.28
REGION IX	3.11	3.30	3.29	3.94	4.78	3.90
IDAHO	2.71	2/	2.91	2/	3.81	2.90
OREG	2.83	3.07	3.40	2/	4.60	3.74
WASH	3.50	3.22	3.49	3.90	4.65	3.76
REGION X	3.13	3.14	3.19	3.80	4.43	3.19
U S	2.60	2.89	2.79	3.42	4.47	3.15

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. 3/ ESTIMATES FOR MAINTENANCE AND BOOKKEEPING WORKERS CONCLUDED WITH THE APR 1977 SURVEY. 4/ MAINTENANCE, BOOKKEEPING AND OTHERS COMBINED TO BE COMPARABLE TO OCT 1977 DATA.

FARM WAGE RATES BY METHOD OF PAY JULY 10-16, 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/	2.52	2/	2.52	2.68	2.77	2.68
N J	2.75	2.39	2.91	2.83	2.73	2.89
N Y	2.35	2/	2.33	2.47	2.73	2.56
REGION II	2.48	2.52	2.48	2.60	2.73	2.67
DEL	2.83	2/	2.86	2.80	3.05	3.03
MD	2.84	2/	2.87	3.16	3.22	3.25
PA	2.40	2/	2.39	2.59	2.70	2.62
VA	2.27	2/	2.25	2.20	2.24	2.08
W VA	2.01	2/	2.00	2.08	2.22	2.17
REGION III	2.44	2.61	2.44	2.59	2.68	2.60
ALA	2.55	2.47	2.56	2.35	2.60	2.37
FLA	3.09	3.46	3.07	2.84	3.05	2.83
GA	2.36	2/	2.36	2.37	2.35	2.25
KY	2.35	2/	2.35	2.36	2.40	2.36
MISS	2.56	2/	2.56	2.51	2.78	2.71
N C	2.30	2/	2.27	2.27	2.34	2.37
S C	2.40	2.36	2.40	2.26	2.41	2.27
TENN	2.71	2/	2.67	2.50	2.75	2.56
REGION IV	2.51	2.91	2.49	2.41	2.55	2.47
ILL	2.80	2/	2.80	2.70	2.75	2.70
IND	2.61	2/	2.61	2.60	2.70	2.62
MICH	2.80	2.80	2.80	2.91	3.03	3.01
MINN	2.48	3.25	2.41	2.68	2.55	2.71
OHIO	2.54	2.52	2.54	2.55	2.60	2.55
WIS	2.30	2/	2.30	2.60	2.50	2.70
REGION V	2.57	2.75	2.56	2.68	2.71	2.71
ARK	2.63	2/	2.61	2.50	2.76	2.67
LA	2.81	2/	2.79	2.68	2.92	2.70
N MEX	2.22	2/	2.22	2.07	2.22	2.13
OKLA	2.86	2/	2.77	2.66	3.16	2.98
TEX	2.58	2/	2.52	2.36	2.74	2.40
REGION VI	2.60	3.59	2.56	2.42	2.75	2.49
IOWA	2.74	2/	2.69	2.59	3.04	2.69
KANS	2.90	2/	2.88	2.85	3.40	2.80
MO	2.56	2/	2.56	2.45	2.44	2.34
NEBR	2.49	2.30	2.50	2.48	2.51	2.50
REGION VII	2.67	3.07	2.65	2.57	2.84	2.59
COLO	2.77	2/	2.75	2.65	2.87	2.57
MONT	2.10	2/	2.10	2.70	2.60	2.70
N DAK	3.11	4.00	3.03	3.05	3.08	3.30
S DAK	2.30	2/	2.30	2.50	2.70	2.70
UTAH	2.61	2/	2.56	2.72	2.80	2.67
WYO	2.22	2/	2.22	2.22	2.41	2/
REGION VIII	2.56	3.70	2.53	2.74	2.81	2.72
ARIZ	2.79	3.20	2.76	2.63	2.86	2.63
CALIF	3.50	4.40	3.42	3.26	3.49	3.26
NEV	2.35	2/	2.35	2.80	3.06	2.85
REGION IX	3.46	4.36	3.38	3.24	3.47	3.24
IDAHO	2.69	3.12	2.63	2.71	2.88	2.77
OREG	2.53	2.00	2.91	2.74	2.60	2.71
WASH	3.21	3.32	3.18	3.09	3.39	3.06
REGION X	2.84	2.52	2.96	2.91	2.95	2.89
U S	2.77	3.12	2.74	2.76	2.93	2.81

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 RATE BY TYPE OF WORK JULY 10-16, 1977 BY STATES,
STANDARD FEDERAL REGIONS AND UNITED STATES (REVISED)

STATE AND REGION	FARM WAGE RATES - TYPE OF WORK PERFORMED						
	FIELD AND LIVESTOCK WORKERS	FIELD WORKERS	LIVESTOCK WORKERS	PACKING- HOUSE WORKERS	MACHINE OPERATORS	SUPERVISORS	OTHER AGRICULTURAL WORKERS 3/
DOLLARS PER HOUR							
REGION I 1/	2.29	2.31	2.20	2/	3.27	4.15	2.97
N J	2.60	2.61	2.49	2.90	3.20	3.95	2/
N Y	2.17	2.18	2.16	2/	2.78	4.37	2/
REGION II	2.31	2.34	2.19	2.82	2.86	4.18	3.76
DEL	2.63	2.64	2.58	2/	3.20	2/	2/
MD	2.46	2.56	2.29	2/	3.30	2/	3.45
PA	2.22	2.21	2.25	2/	2/	4.21	3.18
VA	2.08	2.04	2.18	2/	2.43	3.96	2/
W VA	1.89	1.96	2/	2/	2/	2/	2/
REGION III	2.22	2.22	2.21	2.53	2.83	4.15	3.27
ALA	2.33	2.22	2.46	2.59	2.65	4.50	2.88
FLA	2.69	2.65	2.85	2.76	3.30	4.80	3.59
GA	2.29	2.05	2.83	2/	2.25	2/	2.18
KY	2.27	2.27	2.22	2/	2.74	2/	2.25
MISS	2.42	2.09	2.85	2/	2.37	4.39	2/
N C	2.23	2.22	2.36	2.25	2.43	4.97	2.84
S C	2.24	2.22	2.43	2.20	2.30	2/	3.10
TENN	2.54	2.55	2.52	3/	2.47	3.99	2.64
REGION IV	2.34	2.28	2.61	2.42	2.54	4.57	2.80
ILL	2.63	2.65	2.50	2.70	3.00	4.70	2/
IND	2.48	2.41	2.71	2/	2.60	2/	2/
MICH	2.43	2.40	2.55	2.83	3.13	2/	3.88
MINN	2.26	2.30	2.15	2/	2.70	4.90	2/
OHIO	2.33	2.30	2.51	2.62	2.81	4.50	3.32
WIS	2.10	2.15	2.00	2/	2.70	4.60	2/
REGION V	2.35	2.37	2.27	2.78	2.80	4.74	3.63
ARK	2.53	2.32	2.96	2/	2.50	4.12	2.65
LA	2.27	2.16	2.79	2/	2.72	4.50	3.19
N MEX	2.10	2.00	2.21	2/	2.40	3.80	2/
OKLA	2.58	2.32	2.85	2/	3.07	2/	2/
TEX	2.34	2.27	2.53	2.75	2.70	4.30	2/
REGION VI	2.37	2.26	2.63	2.61	2.69	4.23	2.90
IOWA	2.54	2.49	2.71	2/	2.98	2/	2/
KANS	2.81	2.90	2.60	2/	2.92	2/	3.08
MO	2.47	2.48	2.45	2/	2.51	2/	2/
NEBR	2.32	2.25	2.55	2/	2.40	4.05	2/
REGION VII	2.52	2.50	2.61	2.45	2.67	4.69	3.15
COLO	2.61	2.55	2.70	2/	2.66	4.40	2.64
MONT	2.06	2.04	2.10	2/	2.00	2.80	2.16
N DAK	3.07	3.10	2/	2/	3.09	2/	2/
S DAK	1.97	1.95	2.05	2/	2.35	3.30	2/
UTAH	2.57	2.79	2.27	2/	2.56	2/	2.27
WYO	1.97	1.93	2.03	2/	2.50	4.00	2/
REGION VIII	2.43	2.45	2.39	2.95	2.56	3.78	2.39
ARIZ	2.46	2.52	2.28	3.12	2.90	4.59	3.30
CALIF	3.20	3.21	3.09	3.77	3.79	5.17	4.39
NEV	2.10	2.05	2.19	2/	2/	3.35	2.10
REGION IX	3.16	3.18	2.99	3.76	3.70	5.10	4.31
IDAHO	2.58	2.63	2.33	2/	2.70	3.60	2/
OREG	2.37	2.35	2.55	3.23	3.00	4.03	3.79
WASH	3.03	3.08	2.61	3.45	3.33	4.45	4.50
REGION X	2.68	2.70	2.51	3.20	3.04	4.06	3.74
U S	2.56	2.57	2.50	3.17	2.83	4.54	3.33

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. 3/ BEGINNING WITH JULY 1977, MAINTENANCE AND BOOKKEEPING WORKERS ARE INCLUDED WITH OTHER WORKERS.

FARM WAGE RATES BY METHOD OF PAY, OCTOBER 9-15, 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/	2.72	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: 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

STATE AND REGION	FARM WAGE RATES - TYPE OF WORK PERFORMED						
	FIELD & LIVESTOCK WORKERS	FIELD WORKERS	LIVESTOCK WORKERS	PACKING- HOUSE WORKERS	MACHINE OPERATORS	SUPERVISORS	OTHER AGRICULTURAL WORKERS 3/
DOLLARS PER HOUR							
REGION I 1/	2.48	2.55	2.15	2.72	3.17	3.98	3.21
N J	2.78	2.80	2.70	2.90	3.25	4.38	2.88
N Y	2.71	2.84	2.48	2.64	3.42	4.22	3.48
REGION II	2.72	2.83	2.51	2.69	3.37	4.26	3.31
DEL	2.72	2.75	2.66	2/	2.95	2/	3.35
MD	2.52	2.62	2.40	2/	3.30	4.58	3.55
PA	2.66	2.70	2.55	2/	2/	5.10	3.60
VA	2.37	2.45	2.23	2/	2.56	3.53	2/
W VA	2.04	2.05	2/	2/	2/	3.60	2/
REGION III	2.53	2.59	2.40	2.77	2.95	4.31	3.35
ALA	2.33	2.29	2.39	2.69	2.49	4.57	3.33
FLA	2.76	2.76	2.76	2.72	3.06	5.20	3.77
GA	2.46	2.39	2.59	2/	2.45	2/	2.59
KY	2.42	2.32	2.71	2.23	2.57	2/	2.61
MISS	2.47	2.42	2.50	2/	2.55	3.71	2/
N C	2.54	2.49	2.64	2.38	2.59	4.85	3.01
S C	2.33	2.11	2.55	2/	2.39	2/	2/
TENN	2.61	2.68	2.47	2/	2.70	2/	2/
REGION IV	2.56	2.54	2.60	2.58	2.60	4.60	3.76
ILL	2.80	2.85	2.70	2/	3.05	5.40	2/
IND	2.41	2.30	2.60	3.05	2.88	2/	2/
MICH	2.54	2.50	2.70	3.05	3.20	2/	3.90
MINN	2.36	2.25	2.65	2/	3.50	5.50	2/
OHIO	2.43	2.45	2.25	2.60	3.15	2/	2.50
WIS	2.26	2.15	2.30	2/	2.75	2/	2/
REGION V	2.44	2.43	2.45	2.87	3.13	4.87	3.38
ARK	2.39	2.26	2.70	2/	2.63	4.25	2.81
LA	2.59	2.41	2.88	2/	2.65	4.43	3.58
N MEX	2.11	2.12	2.10	2/	2.34	3.40	2/
OKLA	2.35	2.30	2.40	2/	2.83	2/	2/
TEX	2.38	2.37	2.39	3.00	2.70	4.30	2/
REGION VI	2.39	2.34	2.45	2.95	2.67	4.17	2.95
IOWA	2.59	2.71	2.48	2/	2.91	2/	2/
KANS	2.77	2.95	2.70	2/	3.10	2/	3.59
MO	2.62	2.65	2.50	2.80	2.60	2/	2/
NEBR	2.69	2.70	2.68	2/	2.73	4.30	3.03
REGION VII	2.64	2.71	2.57	2.73	2.92	4.79	3.37
COLO	2.66	2.73	2.58	2/	2.65	4.38	3.22
MONT	2.30	2.23	2.36	2/	2.27	3.60	2.09
N DAK	2.74	2.65	2/	3.53	3.19	4.64	3.50
S DAK	2.09	2.10	2.07	2/	2.35	3.40	2.75
UTAH	2.46	2.60	2.43	2/	2/	3.87	2/
WYO	2.18	2.40	2.13	2/	2.77	3.75	2/
REGION VIII	2.45	2.51	2.40	3.06	2.84	4.05	2.99
ARIZ	2.78	2.82	2.65	2/	3.29	5.01	3.56
CALIF	3.41	3.42	3.39	4.00	3.95	5.29	4.09
NEV	2.08	2.25	2.00	2/	2.40	3.35	2.50
REGION IX	3.36	3.38	3.27	3.94	3.88	5.22	4.00
IDAHO	3.00	3.03	2.84	2/	3.02	2/	3.17
OREG	2.99	3.03	2.75	3.70	3.37	4.26	3.88
WASH	3.70	3.80	2.96	3.40	3.59	4.82	4.26
REGION X	3.37	3.45	2.87	3.13	3.29	4.22	3.40
U S	2.80	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. 3/ BEGINNING WITH JULY 1977, MAINTENANCE AND BOOKKEEPING WORKERS ARE INCLUDED WITH OTHER AGRICULTURAL WORKERS.

HAWAII FARM LABOR

The number of workers on Hawaii's farms and ranches during the survey week of October 9-15 totaled 17,100. This was down 3 percent from the 17,700 workers counted during the July survey, but an increase of 10 percent over the comparable week last year. The rise may be attributed largely to more family members working on farms, 5,600 compared to 4,500 last year. Field and livestock workers numbered 6,200 workers, or 36 percent of all workers.

All hired workers received a wage rate equivalent of \$4.38 per hour, an increase of 6 cents an hour over the July quarter.

Operators and unpaid family members worked an average of 32.3 hours during the survey week. This work week was 2.4 hours longer than the comparable week in July and 2.3 hours more than October 1976. Hired workers put in 38.8 hours.

Weather during the October 9-15 survey week was favorable for farm work. Harvesting an exceptionally large papaya crop occupied a large number of workers. Some workers were also busy in flower and foliage operations.

HAWAII FARM WAGE RATES BY METHOD OF PAY AND TYPE OF WORK, OCTOBER 9-15, 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>	<u>JUL 10-16 1977</u>	<u>OCT 9-15 1977</u>
All Hired Farm Workers	4.48	4.52	4.52	4.32	4.38
Paid by Other Than Piece-Rate	4.48	4.52	4.52	4.32	4.47
Paid by Hour Only	4.34	4.35	4.33	4.15	4.28
Paid by Hour Cash Wages Only	3.34	3.37	2.98	3/3.18	3.00
Field Workers 1/				3.77	3.60
Livestock Workers 1/				3.74	3.65
Field and Livestock Workers	3.89	3.91	3.77	3.77	3.60
Machine Operators	4.69	4.76	5.01	4.86	4.99
Maintenance and Bookkeeping	5.07	4.92	5.23	2/	2/
Supervisors	6.09	6.50	6.52	6.14	6.67

1/ Beginning with July 1977 Field and Livestock workers will be published separately.

2/ Estimates for maintenance and bookkeeping workers concludes with the April 1977 survey. 3/ Revised.

PUERTO RICO HIRED WORKERS NUMBER 35,000

There were 35,000 workers hired to work on Puerto Rican farms during the survey week of October 9-15, 1977. This total compares with 32,000 workers during the July survey week and 31,000 a year ago. The numbers working in fields and with livestock was 32,000 or 91 percent of all workers. Packing-house employees, machine operators, maintenance workers and bookkeepers, supervisors, and others made up the remaining 3,000 hired farm workers.

Workers were paid \$1.67 for all methods of pay converted to an hourly rate. Last October the rate was \$1.52. Wages for field and livestock workers averaged \$1.57, up 12 cents per hour from the \$1.45 paid in the comparable period last year.

Hired workers averaged 34.9 hours of work, 6.1 hours more than July and 6.5 more than the same month in 1976.

Mano De Obra Agropecuaria **FARM LABOR**



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35,000 OBREROS AGRICOLAS EN PUERTO RICO

El numero do obreros agrícolas a jornal en Puerto Rico alcanzó a unos 35,000, segun la encuesta llevada a cabo durante la semana del 9 al 15 de octubre de 1977. Esto compara con los 32,000 obreros empleados en la semana estudiada en julio pasado y los 31,000 enumerados en octubre del año pasado. Los obreros de campo, incluyendo los de la industria ganadera, se estimaron en unos 32,000; o sea, 92 por ciento del total empleado. El resto de la fuerza obrera - 3,000 trabajadores - está compuesto por aquellos que trabajan como empacadores, operadores de maquinarias, obreros de mantenimiento, contables, supervisores y otras clasificaciones.

El jornal por hora promedió \$1.67 incluyendo toda forma de pago. En octubre de 1976 el promedio fué de \$1.52. El jornal de los obreros de campo promedió \$1.57; un aumento de 12 centavos por hora sobre el promedio de \$1.45 del año pasado.

El numero de horas trabajadas promedió 28.8 horas durante la semana de la encuesta; 2.9 horas bajo el promedio de julio de 1977 pero 0.4 hora mas que en octubre del año pasado.

JORNAL POR HORA POR SISTEMA DE PAGO Y CLASE DE TRABAJO EN PUERTO RICO
 OCTUBRE 9-15, 1977
 PUERTO RICO WAGE RATES BY METHOD OF PAY AND TYPE OF WORK,
 OCTOBER 9-15, 1977

PARTICULAR	JORNAL POR HORA POR SISTEMA DE PAGO Y CLASE DE TRABAJO EN PUERTO RICO			ITEM
	OCTUBRE 9-15, 1977			
	PUERTO RICO WAGE RATES BY METHOD OF PAY AND TYPE OF WORK, OCTOBER 9-15, 1977			
	JORNAL POR HORA POR SISTEMA DE PAGO Y CLASE DE TRABAJO EN PUERTO RICO			
	OCTUBRE (OCTOBER)	JULIO (JULY)	OCTUBRE (OCTOBER)	
	10-16, 1976	10-16, 1977	9-15, 1977	
	EQUIVALENCIA EN DOLARES POR HORA			
	EQUIVALENT DOLLARS PER HOUR			
SISTEMA DE PAGO				METHOD OF PAY
TODO CLASE DE				ALL HIRED FARM
TRAJADORES	1.52	1.69	1.67	WORKERS
PAGO POR TAREA	1.15	*	*	PIECE RATE
PAGO EN OTRA				PAID BY OTHER THAN
FORMA	1.62	1.69	1.68	PIECE RATE
PAGO POR HORA				PAID BY HOUR
SOLAMENTE	1.64	1.68	1.73	ONLY
PAGO EN EFECTIVO				PAID BY CASH
SOLAMENTE	1.63	1.74	1.77	ONLY
PAGO EN EFECTIVO				PAID BY HOUR
POR HORA				CASH WAGES
TRABAJADA	1.64	1.71	1.82	ONLY
CLASE DE				TYPE OF WORK
TRABAJO				PERFORMED
FAENAS DE CAMPO,				FIELD AND
INCLUYENDO				LIVE-
GANADERIA	1.45	1.58	1.57	STOCK

* NO HAY DATOS SUFICIENTES. * INSUFFICIENT DATA.

PUERTO RICO HIRED WORKERS NUMBER 35,000

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