

# FARM LABOR

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Crop  
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Economics, Statistics, &  
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## FARM LABOR FORCE 7 PERCENT BELOW LAST YEAR

Total work force on United States farms during the survey week of January 8-14, 1978 was estimated at 2,999,500 workers, 7 percent less than January 1977. Farm operators and unpaid family members working 15 hours or more totaled 2,235,200, while hired workers numbered 764,300.

All family members averaged 28.5 hours worked during the survey week in January 1978 compared to 27.8 hours a year earlier. Farm operators reported an average of 27.6 hours compared to 26.6 last January, and unpaid family members 31.7 hours worked compared to 32.1 the previous year. Hired workers averaged 34.6 hours while reporting 36.1 in January 1977.

## WAGE RATES ABOVE LAST YEAR

Wage rates for all methods of pay converted to an hourly rate averaged \$3.18 during the January 1978 survey week, 7.4 percent higher than the average of \$2.96 last year. Hourly workers receiving cash only averaged \$3.18 this year compared to \$2.86 the previous year. Combined field and livestock workers in January 1978 averaged \$2.90, 8.2 percent higher than the \$2.68 reported last January.

## RAIN AND SNOW DURING SURVEY WEEK

Temperatures were above normal West of the Rockies during the survey week of January 8 to 14, while the remainder of the country suffered from very cold weather. The West Coast and Atlantic Coast States were drenched by rain, and all but the southernmost tier of States were covered with snow.

Farm activity was generally limited to milking, hauling feed, and doing chores. Farmers attempted to harvest a few remaining cotton, soybean, and corn fields from Alabama to the Carolinas.

Picking of citrus fruit continued in Florida, Texas and California. Vegetable harvest was active in these States, although rain hampered field work in California.

## 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 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 ESCS 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 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 variation that occurs 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 January 8-14, 1978 is 2.7 percent at the National level. In terms of numbers, the standard error is 20,868 of a total of 764,300 hired workers. Chances are approximately two out of three that the complete coverage value would lie between 743,432 and 785,168 workers. The relative standard error of the estimate of hired workers by regions ranges from 6.0 percent in Region 10 to 11.0 percent in Region 7.

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

ITEM	ANNUAL AVERAGE 1976	ANNUAL AVERAGE 1977	JAN 9-15, 1977	OCT 9-15, 1977	JAN 8-14, 1978
FARM EMPLOYMENT (THOUSANDS)					
TOTAL	4,373.9	4,152.0	3,229.7	4,145.9	2,999.5
FAMILY LABOR	2,997.2	2,856.1	2,412.4	2,829.1	2,235.2
HIRED LABOR	1,376.7	1,295.9	817.3	1,316.8	764.3
INDEXES 1/ (1910-74=100)					
TOTAL	32	31	30	30	25
FAMILY LABOR	2/ 29	28	28	28	26
HIRED LABOR	2/ 41	38	34	34	32
(1967=100)					
TOTAL	89	85	81	81	75
FAMILY LABOR	2/ 82	78	78	78	72
HIRED LABOR	2/ 110	103	89	89	84

1/ INDEXES ARE ADJUSTED FOR SEASONAL VARIATION.

2/ REVISED.

FARM WAGE RATES, JANUARY 1978, WITH COMPARISONS, UNITED STATES

ITEM	ANNUAL AVERAGE 1976	ANNUAL AVERAGE 1977	JAN 9-15, 1977	OCT 9-15, 1977	JAN 8-14, 1978
	DOLLARS PER HOUR				
METHOD OF PAY:					
ALL HIRED FARM WORKERS	2.66	2.87	2.96	2.99	3.18
PAID BY PIECE-RATE	3.14	3.48	3.69	3.75	4.00
PAID BY OTHER THAN PIECE-RATE	2.61	2.82	2.90	2.92	3.13
PAID BY HOUR ONLY 1/	2.60	2.84	2.84	3.00	3.13
PAID BY CASH WAGES ONLY 2/	2.81	3.06	3.12	3.24	3.40
PAID BY HOUR CASH WAGES ONLY 3/	2.65	2.90	2.86	3.08	3.18
TYPE OF WORK PERFORMED:					
FIELD AND LIVESTOCK WORKERS	2.47	2.65	2.68	2.80	2.90
PACKINGHOUSE WORKERS	2.80	2.97	2.86	3.03	3.17
MACHINE OPERATORS	2.72	2.92	3.04	2.99	3.39
MAINTENANCE AND BOOKKEEPING	3.45	5/	3.75	5/	5/
SUPERVISORS	4.39	4.63	4.78	4.63	5.02
OTHER AGRICULTURAL WORKERS	5/3.11	5/3.37	5/3.48	5/3.35	5/3.59
INDEXES 4/:					
(1910-74=100)	1,764	1,904	1,940	1,867	2,068
(1967=100)	208	225	229	220	244

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, JANUARY 8-14 1978 WITH COMPARISONS

STATE AND REGION	JAN 9-15, 1977			OCT 9-15, 1977			JAN 8-14, 1978		
	TOTAL	FAMILY	HIRED	TOTAL	FAMILY	HIRED	TOTAL	FAMILY	HIRED
	THOUSANDS								
REGION I 1/	56	35	21	88	40	48	61	37	24
N J	12	7.0	5.0	21	11	10	13	8.0	5.0
N Y	96	73	23	108	70	38	81	57	24
REGION II	108	80	28	129	81	48	94	65	29
DEL	4.4	2.8	1.6	5.2	3.0	2.2	4.3	2.5	1.8
MD	29	17	12	29	19	10	21.8	15	6.8
PA	107	76	31	134	97	37	100	78	22
VA	49	37	12	82	50	32	66	50	16
W VA	29.2	27	2.2	33.3	30	3.3	29.5	27	2.5
REGION III	218.6	159.8	58.8	283.5	19.9	84.5	221.6	172.5	49.1
ALA	85	63	22	74	51	23	62	39	23
FLA	101	29	72	84	26	58	106	27	79
GA	61	45	16	76	50	26	64	48	16
KY	103	83	20	126	99	27	98	81	17
MISS	68	48	20	92	53	39	47	36	11
N C	92	69	23	121	80	41	69	53	16
S C	34	23	11	45	33	12	37	27	10
TENN	109	96	13	130	100	30	94	80	14
REGION IV	653	456	197	748	492	256	577	391	186
ILL	118	99	19	195	160	35	106	89	17
IND	92	80	12	141	106	35	77	69	8.0
MICH	77	63	14	100	75	25	72	55	17
MINN	140	126	14	215	180	35	147	133	14
OHIO	126	109	17	180	150	30	137	120	17
WIS	166	137	29	196	152	44	158	128	30
REGION V	719	614	105	1,027	823	204	697	594	103
ARK	67	56	11	83	58	25	55	42	13
LA	43	30	13	66	36	30	30	21	9.0
N MEX	20	14	6.0	21	13	8.0	18	12	6.0
OKLA	86	70	16	88	70	18	90	80	10
TEX	211	146	65	249	170	79	185	129	56
REGION VI	427	316	111	507	347	160	378	284	94
IOWA	166	143	23	216	177	39	159	137	22
KANS	84	69	15	107	76	31	74	64	10
MO	166	155	11	158	136	22	131	117	14
NEBR	85	72	13	106	89	17	87	74	13
REGION VII	501	439	62	587	478	109	451	392	59
COLO	43	34	9.0	54	34	20	45	31	14
MONT	22.6	18	4.6	28	22	6.0	24.5	20	4.5
N DAK	42	40	2.0	67	58	9.0	42	40	2.0
S DAK	50	43	7.0	69	61	8.0	54	46	8.0
UTAH	17.2	14	3.2	24	18	6.0	20	16	4.0
WYO	13	10	3.0	12	7.0	5.0	12	8.5	3.5
REGION VIII	187.8	159	28.8	254	200	54	197.5	161.5	36
ARIZ	23	7.0	16	22.5	7.0	15.5	21.3	6.2	15.1
CALIF	219	66	153	291	62	229	181	46	135
NEV	3.3	1.6	1.7	4.9	2.1	2.8	4.1	2.0	2.1
REGION IX	245.3	74.6	170.7	318.4	71.1	247.3	206.4	54.2	152.2
IDAHO	23	16	7.0	55	28	27	26	20	6.0
OREG	41	29	12	67	35	32	41	29	12
WASH	50	34	16	82	35	47	49	35	14
REGION X	114	79	35	204	98	106	116	84	32
U S	3,229.7	2,412.4	817.3	4,145.9	2,829.1	1,316.8	2,999.5	2,235.2	764.3

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

WORKERS ON FARMS, ANNUAL AVERAGES, 1975-77

STATE AND REGION	ANNUAL AVERAGE 1975			ANNUAL AVERAGE 1976 <sup>1/</sup>			ANNUAL AVERAGE 1977		
	TOTAL	FAMILY	HIRED	TOTAL	FAMILY	HIRED	TOTAL	FAMILY	HIRED
THOUSANDS									
REGION I <sup>2/</sup>	75	44	31	80	46	34	80	44	36
N J	21	10	11	22	10	12	23	11	12
N Y	109	75	34	114	82	32	105	71	34
REGION II	130	85	45	136	92	44	128	82	46
DEL	6.8	4.2	2.6	6.4	4.0	2.4	5.9	3.6	2.3
MD	33	21	12	34	21	13	32	20	12
PA	136	104	32	130	93	37	134	100	34
VA	90	65	25	89	57	32	73	51	22
W VA	43.9	40	3.9	40.8	35	5.8	41.7	38	3.7
REGION III	309.7	234.2	75.5	300.2	210	90.2	286.6	212.6	74
ALA	91	64	27	94	69	25	86	63	23
FLA	95	36	59	92	31	61	90	30	60
GA	98	60	38	95	60	35	83	50	33
KY	138	117	21	144	114	30	137	108	29
MISS	90	61	29	96	62	34	88	55	33
N C	169	108	61	188	110	78	164	92	72
S C	74	42	32	58	34	24	56	34	22
TENN	138	117	21	143	121	22	131	107	24
REGION IV	893	605	288	910	601	309	835	539	296
ILL	163	129	34	165	127	38	172	133	39
IND	134	107	27	127	98	29	121	93	28
MICH	110	83	27	112	83	29	102	77	25
MINN	198	156	42	217	175	42	199	164	35
OHIO	160	131	29	162	130	32	162	136	26
WIS	199	150	49	198	152	46	199	153	46
REGION V	964	756	208	981	765	216	955	756	199
ARK	98	68	30	96	68	28	92	63	29
LA	68	46	22	68	44	24	57	37	20
N MEX	22	14	8.0	24.8	17	7.8	24.8	17	7.8
OKLA	105	89	16	104	85	19	96	75	21
TEX	255	173	82	250	167	83	249	166	83
REGION VI	548	390	158	542.8	381	161.8	518.8	358	160.8
IOWA	213	176	37	224	181	43	213	171	42
KANS	103	82	21	100	78	22	98	76	22
MO	204	177	27	196	169	27	173	153	20
NEBR	116	96	20	117	97	20	108	87	21
REGION VII	636	531	105	637	525	112	592	487	105
COLO	59	42	17	55	39	16	54	36	18
MONT	33	22	11	33.3	24	9.3	31.7	24	7.7
N DAK	57	48	9.0	59	49	10	64.3	56	8.3
S DAK	73	60	13	66	55	11	70	60	10
UTAH	22.8	16	6.8	22.8	16	6.8	23.3	17	6.3
WYO	15.3	9.3	6.0	15.8	9.8	6.0	13.8	8.5	5.3
REGION VIII	260.1	197.3	62.8	251.9	192.8	59.1	257.1	201.5	55.6
ARIZ	22.2	7.2	15	21.6	7.6	14	22.8	6.8	16
CALIF	311	71	240	308	72	236	287	69	218
NEV	5.1	2.8	2.3	5.4	2.8	2.6	4.7	2.2	2.5
REGION IX	338.3	81.0	257.3	335.0	82.4	252.6	314.5	78.0	236.5
IDAHO	42	24	18	51	27	24	45	25	20
OREG	63	37	26	60	37	23	64	35	29
WASH	83	41	42	89	38	51	76	38	38
REGION X	188	102	86	200	102	98	185	98	87
U S	4,342.1	3,025.5	1,316.6	4,373.9	2,997.2	1,376.7	4,152.0	2,856.1	1,295.9

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

HIRED FIELD AND LIVESTOCK WORKERS ON FARMS,  
JANUARY 8-14, 1978 WITH COMPARISONS

STATE AND REGION	JAN 9-15, 1977		OCT 9-15, 1977 1/		JAN 8-14, 1978 1/		
	FIELD AND LIVESTOCK	FIELD WORKERS	LIVESTOCK WORKERS	FIELD AND LIVESTOCK	FIELD WORKERS	LIVESTOCK WORKERS	FIELD AND LIVESTOCK
THOUSANDS							
REGION I 2/	12	26	9.0	35	5.0	9.0	14
N J	3.3	5.1	1.4	6.5	2.0	1.0	3.0
N Y	18	20	9.0	29	3.0	14	17
REGION II	21.3	25.1	10.4	35.5	5.0	15	20
DEL	.6	.8	.5	1.3	.5	.6	1.1
MD	5.0	4.0	3.0	7.0	1.3	3.2	4.5
PA	23	23	7.0	30	5.0	10	15
VA	10	20	5.0	25	5.0	7.0	12
W VA	1.8	1.7	.7	2.4	1.3	.5	1.8
REGION III	40.4	49.5	16.2	65.7	13.1	21.3	34.4
ALA	16	13	3.0	16	8.0	10	18
FLA	48	30	6.0	36	52	6.0	58
GA	11	9.0	4.0	13	3.0	6.0	9.0
KY	15	18	4.0	22	5.0	5.0	10
MISS	14	10	8.0	18	2.0	4.0	6.0
N C	16	20	5.0	25	4.0	7.0	11
S C	7.0	4.0	3.0	7.0	2.0	4.0	6.0
TENN	10	20	3.0	23	7.0	5.0	12
REGION IV	137	124	36	160	83	47	130
ILL	15	13	7.0	20	2.0	11	13
IND	9.0	10	10	20	2.0	4.0	6.0
MICH	11	14	4.0	18	2.0	9.0	11
MINN	10	12	5.0	17	.5	11	11.5
OHIO	12	19	2.0	21	4.0	8.0	12
WIS	24	9.0	24	33	3.0	22	25
REGION V	81	77	52	129	13.5	65.0	78.5
ARK	5.0	4.0	2.0	6.0	2.0	5.0	7.0
LA	8.0	8.0	5.0	13	2.0	4.0	6.0
N MEX	4.0	3.0	3.0	6.0	2.0	2.0	4.0
OKLA	12	7.0	4.0	11	1.0	7.0	8.0
TEX	38	21	21	42	16	20	36
REGION VI	67	43	35	78	23	38	61
IOWA	20	10	10	20	1.0	18	19
KANS	12	2.0	6.0	8.0	1.0	5.0	6.0
MO	8.0	9.0	4.0	13	2.0	8.0	10
NEBR	9.0	5.0	3.0	8.0	1.0	9.0	10
REGION VII	49	26	23	49	5.0	40	45
COLO	6.0	7.0	5.0	12	2.0	8.0	10
MONT	4.0	2.0	2.0	4.0	.2	3.3	3.5
N DAK	1.0	2.0	3/	2.0		1.0	1.0
S DAK	6.0	3.0	2.0	5.0	1.0	6.0	7.0
UTAH	2.6	1.3	3.4	4.7	.2	3.0	3.2
WYO	2.0	1.0	2.0	3.0	.3	2.7	3.0
REGION VIII	21.6	16.3	14.4	30.7	3.7	24.0	27.7
ARIZ	10	7.5	2.1	9.6	6.1	3.0	9.1
CALIF	108	135	19	154	83	17	100
NEV	1.3	.8	1.4	2.2	.4	1.2	1.6
REGION IX	119.3	143.3	22.5	165.8	89.5	21.2	110.7
IDAHO	4.0	10	2.0	12	1.0	3.0	4.0
OREG	8.7	20	3.0	23	5.3	3.4	8.7
WASH	9.0	32	4.0	36	6.0	4.0	10
REGION X	21.7	62	9.0	71	12.3	10.4	22.7
U S	570.3	592.2	227.5	819.7	253.1	290.9	544.0

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

HOURS WORKED PER WORKER, JANUARY AND OCTOBER 1977 (REVISED)

STATE AND REGION	JAN 9-15, 1977				OCT 9-15, 1977			
	FARM OPERATOR	OTHER UNPAID FAMILY MEMBERS 1/	ALL FAMILY 1/	HIRED WORKERS	FARM OPERATOR	OTHER UNPAID FAMILY MEMBERS 1/	ALL FAMILY 1/	HIRED WORKERS
HOURS								
REGION I 2/	32.5	31.0	32.2	35.6	45.0	31.5	41.2	37.6
N J	27.3	39.7	30.0	38.9	43.1	31.4	38.7	39.3
N Y	37.9	32.9	36.3	43.7	46.2	40.1	43.8	39.8
REGION II	36.8	33.3	35.7	42.9	45.8	39.0	43.1	39.7
DEL	34.1	33.0	33.9	35.6	41.3	40.0	41.0	35.0
MD	28.7	37.6	30.5	29.7	29.8	31.2	30.3	36.8
PA	40.3	38.2	39.6	37.5	46.4	39.6	43.6	36.2
VA	20.0	28.0	20.8	28.5	30.8	29.8	30.5	26.2
W VA	16.2	27.3	18.2	28.9	26.4	30.1	26.9	38.0
REGION III	28.9	35.8	30.6	33.7	37.9	36.2	37.3	32.5
ALA	17.3	25.7	18.1	35.7	27.2	33.0	28.5	28.2
FLA	27.1	34.8	28.2	36.5	28.3	32.8	29.3	36.6
GA	24.0	27.8	24.4	35.2	25.5	25.0	25.3	36.7
KY	22.1	36.0	25.0	26.7	33.7	37.3	34.9	25.5
MISS	18.3	25.0	19.4	26.4	30.0	27.0	29.1	37.0
N C	17.0	35.2	18.8	30.6	25.9	33.0	27.6	22.9
S C	20.0	28.0	21.2	28.1	23.3	28.2	24.4	34.4
TENN	14.1	25.2	15.2	32.0	21.8	26.7	22.9	24.0
REGION IV	18.9	30.5	20.4	32.9	27.0	31.3	28.1	31.0
ILL	23.7	25.0	23.9	25.8	50.9	35.5	46.1	42.9
IND	20.5	32.4	22.8	31.1	44.8	37.5	42.3	41.5
MICH	25.2	33.7	26.7	33.1	42.7	40.4	41.8	40.0
MINN	38.3	34.4	37.2	29.9	52.7	40.7	47.4	41.0
OHIO	23.4	25.8	24.1	31.6	38.0	28.4	33.8	34.8
WIS	42.9	31.2	38.2	39.0	61.4	40.2	50.7	43.1
REGION V	29.8	30.5	30.0	32.5	49.0	36.9	44.0	40.8
ARK	20.0	30.0	21.5	30.1	35.4	34.7	35.2	47.0
LA	20.9	32.4	22.5	32.9	28.7	36.3	30.2	43.9
N MEX	28.8	32.0	29.4	45.9	38.8	37.0	38.3	46.4
OKLA	22.5	27.9	23.9	33.0	30.3	40.9	32.4	36.8
TEX	24.3	37.7	26.3	34.6	32.7	32.1	32.6	44.0
REGION VI	23.0	32.6	24.7	34.3	32.3	34.9	32.9	43.8
IOWA	30.5	28.9	30.1	37.7	54.2	42.4	50.2	39.8
KANS	35.0	31.9	34.1	42.5	53.2	54.6	53.6	44.0
MO	22.7	28.8	24.0	33.7	27.0	36.4	28.4	34.0
NEBR	32.8	36.5	33.6	39.3	52.0	39.6	47.8	45.1
REGION VII	28.6	30.6	29.1	38.5	44.5	42.6	44.0	40.7
COLO	28.0	27.1	27.8	41.0	42.8	39.5	41.9	42.0
MONT	40.5	37.0	39.6	43.5	47.0	36.6	43.3	49.7
N DAK	34.7	32.2	33.9	35.2	50.6	38.3	45.7	45.2
S DAK	31.1	39.0	32.9	36.5	52.0	40.9	47.5	38.1
UTAH	27.1	27.7	27.2	34.0	36.4	28.1	32.5	39.4
WYO	44.9	27.4	36.2	45.5	47.4	39.5	44.1	50.0
REGION VIII	32.5	32.5	32.5	39.4	47.8	38.0	44.1	43.1
ARIZ	35.1	30.8	32.7	43.9	40.7	23.0	30.0	45.2
CALIF	31.5	36.6	33.9	41.8	32.9	38.0	34.1	43.7
NEV	38.3	43.6	39.8	45.9	49.6	42.5	46.7	46.8
REGION IX	31.7	36.3	33.9	42.1	33.7	34.9	34.0	43.8
IDAHO	28.8	36.8	30.2	40.1	50.1	46.5	48.7	50.5
OREG	19.4	27.8	20.4	36.0	32.2	30.0	31.5	37.3
WASH	21.1	29.8	22.2	31.8	34.0	31.7	33.3	42.0
REGION X	22.0	31.1	23.2	34.9	38.1	36.0	37.4	42.8
U S	26.6	32.1	27.8	36.1	40.1	36.8	39.0	39.4

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	JANUARY 8-14, 1978			
	FARM OPERATOR	OTHER UNPAID FAMILY MEMBERS 1/	ALL FAMILY 1/	HIRED WORKERS
H O U R S				
REGION I 2/	32.9	33.8	33.1	36.5
N J	29.4	35.3	30.7	32.4
N Y	37.9	42.4	39.1	40.0
REGION II	36.7	41.6	37.9	38.7
DEL	36.0	36.0	36.0	35.1
MD	34.0	37.0	34.8	40.0
PA	34.2	30.1	32.7	42.0
VA	20.7	33.2	22.9	33.5
W VA	15.8	18.3	16.3	27.2
REGION III	26.9	30.1	27.8	38.0
ALA	16.5	23.1	17.2	25.9
FLA	27.1	32.3	27.6	33.7
GA	21.7	23.0	21.9	32.1
KY	24.3	31.2	25.8	25.2
MISS	15.0	24.4	15.5	28.5
N C	17.9	32.9	19.4	26.5
S C	18.0	27.0	19.0	25.0
TENN	15.3	20.8	16.0	29.2
REGION IV	19.3	27.3	20.4	30.1
ILL	24.9	33.3	26.3	34.7
IND	24.9	28.2	25.3	34.0
MICH	23.3	29.2	24.5	35.8
MINN	37.0	38.0	37.3	32.3
OHIO	26.0	27.5	26.5	35.0
WIS	54.6	35.2	45.9	37.9
REGION V	32.6	33.3	32.8	35.5
ARK	24.0	27.2	24.9	33.9
LA	22.0	36.0	25.3	35.7
N MEX	30.1	34.0	30.9	43.4
OKLA	21.9	30.8	23.5	27.2
TEX	23.4	33.4	24.7	38.6
REGION VI	23.2	31.5	24.6	36.6
IOWA	33.2	28.4	32.0	28.4
KANS	34.0	30.6	33.3	32.5
MO	23.7	32.6	25.2	30.0
NEBR	34.2	31.0	33.4	31.2
REGION VII	30.5	30.3	30.4	30.1
COLO	27.0	26.0	26.7	36.8
MONT	44.0	33.0	40.7	48.0
N DAK	32.3	30.1	31.5	38.2
S DAK	35.0	29.5	33.1	39.0
UTAH	26.4	36.0	28.2	34.0
WYO	33.4	30.2	31.2	44.5
REGION VIII	32.9	29.8	31.8	39.2
ARIZ	36.3	31.4	34.3	38.9
CALIF	29.2	34.9	30.4	36.0
NEV	37.1	35.0	36.7	50.3
REGION IX	30.2	34.3	31.1	36.5
IDAHO	34.2	43.6	37.1	43.0
OREG	21.9	29.4	23.3	35.8
WASH	20.0	32.0	21.0	32.9
REGION X	23.4	35.9	25.5	35.9
U S	27.6	31.7	28.5	34.6

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.



ANNUAL AVERAGE WAGE RATE FOR FIELD AND LIVESTOCK WORKERS, FOR WORKERS PAID BY HOUR  
RECEIVING CASH WAGES ONLY AND FOR ALL HIRED FARM WORKERS, 1975-77

STATE AND REGION	FIELD AND LIVESTOCK WORKERS			WORKERS PAID BY HOUR RECEIVING CASH WAGES ONLY 1/			ALL HIRED FARM WORKERS		
	1975	1976	1977	1975	1976	1977	1975	1976	1977
	DOLLARS PER HOUR								
REGION I 2/	2.21	2.33	2.38	2.51	2.67	2.70	2.41	2.59	2.65
N J	2.43	2.53	2.64	2.65	2.62	2.87	2.78	2.69	2.83
N Y	2.08	2.26	2.36	2.60	2.52	2.68	2.28	2.45	2.55
REGION II	2.14	2.33	2.43	2.62	2.55	2.73	2.40	2.52	2.61
DEL	2.25	2.46	2.62	2.43	2.60	2.88	2.45	2.64	2.77
MD	1.96	2.10	2.42	2.37	2.72	3.00	2.24	2.42	2.76
PA	2.15	2.28	2.46	2.58	2.76	2.96	2.31	2.53	2.70
VA	2.02	2.18	2.25	2.26	2.43	2.49	2.15	2.39	2.41
W VA	1.98	1.98	2.03	2.00	2.23	2.21	2.13	2.24	2.19
REGION III	2.07	2.20	2.38	2.43	2.62	2.81	2.24	2.45	2.61
ALA	1.86	2.15	2.26	2.12	2.37	2.40	2.23	2.45	2.56
FLA	2.59	2.75	2.96	2.52	2.73	2.87	2.82	3.05	3.23
GA	1.97	2.10	2.32	2.00	2.42	2.44	2.13	2.28	2.46
KY	1.83	2.15	2.36	2.32	2.18	2.46	1.93	2.29	2.45
MISS	1.92	1.98	2.33	2.08	2.24	2.52	2.13	2.32	2.54
N C	1.97	2.18	2.30	2.04	2.20	2.42	2.03	2.25	2.47
S C	1.87	2.04	2.24	1.92	2.20	2.34	2.05	2.25	2.43
TENN	1.89	2.14	2.48	2.19	2.31	2.53	2.08	2.23	2.61
REGION IV	2.06	2.25	2.48	2.18	2.37	2.57	2.24	2.43	2.68
ILL	2.23	2.37	2.66	2.54	2.76	2.90	2.37	2.56	2.86
IND	2.22	2.37	2.53	2.34	2.75	2.72	2.39	2.75	2.72
MICH	2.32	2.32	2.53	2.35	2.56	2.99	2.47	2.54	2.84
MINN	1.97	2.41	2.37	2.71	2.94	3.04	2.27	2.68	2.72
OHIO	2.15	2.50	2.44	2.43	2.68	2.69	2.34	2.68	2.71
WIS	2.06	2.20	2.24	2.52	2.56	2.78	2.25	2.45	2.44
REGION V	2.14	2.35	2.43	2.48	2.70	2.84	2.34	2.60	2.69
ARK	2.01	2.21	2.50	2.09	2.31	2.60	2.19	2.44	2.65
LA	2.13	2.14	2.48	2.27	2.40	2.66	2.37	2.40	2.73
N MEX	1.88	2.07	2.14	1.96	2.32	2.24	2.15	2.31	2.28
OKLA	2.29	2.21	2.45	2.21	2.40	2.77	2.42	2.36	2.69
TEX	2.04	2.23	2.34	2.01	2.30	2.66	2.15	2.42	2.62
REGION VI	2.06	2.20	2.37	2.08	2.33	2.64	2.21	2.41	2.63
IOWA	2.26	2.54	2.61	2.38	2.66	2.84	2.42	2.64	2.82
KANS	2.58	2.80	2.90	2.67	2.71	2.96	2.67	2.92	3.05
MO	2.23	2.38	2.48	2.15	2.58	2.56	2.26	2.48	2.59
NEBR	2.09	2.41	2.56	2.21	2.69	2.77	2.15	2.54	2.72
REGION VII	2.26	2.54	2.62	2.37	2.65	2.79	2.37	2.64	2.81
COLO	2.14	2.58	2.66	2.41	2.64	2.71	2.51	2.79	2.83
MONT	2.02	2.16	2.21	2.50	2.68	2.88	2.15	2.28	2.26
N DAK	2.46	2.70	2.93	2.79	3.29	3.34	2.69	2.99	3.08
S DAK	2.06	2.16	2.19	2.22	2.26	2.66	2.13	2.25	2.35
UTAH	2.29	2.21	2.53	2.34	2.35	2.76	2.36	2.38	2.66
WYO	2.08	1.97	2.12	2.64	2.74	3.03	2.19	2.14	2.41
REGION VIII	2.15	2.28	2.46	2.46	2.60	2.85	2.35	2.53	2.64
ARIZ	2.26	2.39	2.65	2.32	2.74	2.69	2.48	2.66	2.93
CALIF	2.70	3.00	3.26	2.73	3.02	3.33	2.91	3.20	3.53
NEV	2.04	2.18	2.18	2.71	2.70	2.96	2.33	2.36	2.37
REGION IX	2.68	2.97	3.21	2.71	3.01	3.30	2.88	3.16	3.47
IDAHO	2.46	2.74	2.77	2.62	2.77	2.88	2.60	2.87	2.90
OREG	2.28	2.50	2.63	2.56	2.82	2.93	2.54	2.83	2.85
WASH	2.85	3.05	3.32	2.84	2.95	3.21	2.93	3.16	3.48
REGION X	2.59	2.86	2.96	2.72	2.87	3.03	2.75	3.01	3.13
U S	2.26	2.47	2.65	2.45	2.65	2.90	2.43	2.66	2.87

1/ DOES NOT INCLUDE PERQUISITES, INCLUDES ONLY THOSE PAID BY THE HOUR. 2/ REGION I: CONN, MAINE, MASS, N H, R I, AND VT.

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	3.66	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					
	FIELD AND LIVESTOCK WORKERS	PACKING- HOUSE WORKERS	MACHINE OPERATORS	MAINTENANCE & BOOKKEEPING WORKERS 3/	SUPERVISORS	OTHER AGRICULTURAL WORKERS 4/
D O L L A R S P E R H O U R						
REGION I 1/	2.40	2.75	2/	3.51	4.20	3.56
N J	2.59	2.88	2/	2/	5.17	3.79
N Y	2.40	2.56	2/	2/	2/	3.74
REGION II	2.43	2.63	3.29	3.73	5.12	3.75
DEL	2.80	2.57	2/	2/	2/	2.73
MD	2.39	2/	2/	3.75	2/	2.84
PA	2.68	3.16	3.58	3.70	4.54	3.49
VA	2.24	2/	2/	2/	2/	3.37
W VA	2.26	2.01	2/	2/	3.37	2.72
REGION III	2.54	2.92	3.47	3.63	4.46	3.17
ALA	2.25	3.07	2.98	2/	2/	3.10
FLA	3.07	2.82	3.25	4.41	4.94	4.28
GA	2.42	2.68	2.75	2/	4.24	3.08
KY	2.45	2/	2/	2/	2/	2.78
MISS	2.37	2/	2.61	3.49	4.75	3.68
N C	2.65	2/	3.10	3.60	2/	2.94
S C	2.23	2/	2.35	3.00	4.10	2.99
TENN	2.30	2/	2/	2/	2/	3.31
REGION IV	2.65	2.77	2.99	3.85	4.79	3.48
ILL	2.60	2/	3.40	3.70	5.20	3.76
IND	2.56	2.81	2/	3.75	5.05	3.75
MICH	2.65	2.85	2/	3.62	2/	3.56
MINN	2.48	2/	3.50	3.75	5.10	3.72
OHIO	2.50	2.70	2/	2/	5.00	3.92
WIS	2.33	2.85	2/	2/	2/	3.80
REGION V	2.49	2.81	3.25	3.76	4.99	3.75
ARK	2.50	2/	2.80	3.20	4.70	3.13
LA	2.49	2/	2.67	2.90	4.50	2.94
N MEX	2.36	2/	2.37	2/	4.03	2.76
OKLA	2.56	2/	2/	3.30	4.20	3.17
TEX	2.38	2.62	2.62	3.45	4.52	3.57
REGION VI	2.43	2.54	2.64	3.31	4.49	3.35
IOWA	2.53	2/	2/	2/	2/	3.88
KANS	3.00	2/	3.75	2/	2/	3.53
MO	2.52	2/	2.90	2.95	2/	2.95
NEBR	2.95	2/	3.10	4.06	2/	3.47
REGION VII	2.72	2.79	3.30	3.35	4.92	3.52
COLO	2.80	2/	2/	3.73	4.65	3.61
MONT	2.43	2/	2/	2/	3.99	3.09
N DAK	2.82	3.31	3.08	3.32	2/	3.30
S DAK	2.40	2/	2/	2/	2/	3.43
UTAH	2.60	2/	2/	2/	2/	3.01
WYO	2.46	2/	2/	2.90	4.00	2.82
REGION VIII	2.57	2.87	3.10	3.49	4.43	3.32
ARIZ	2.60	2.80	2.79	3.68	4.50	3.34
CALIF	3.11	3.15	3.52	4.04	5.02	4.21
NEV	2.27	2/	2/	2/	3.35	2.29
REGION IX	3.06	3.09	3.36	4.00	4.95	4.09
IDAHO	2.73	3.00	3.61	3.87	2/	3.85
OREG	2.83	3.15	3.47	4.02	4.90	4.00
WASH	3.58	3.19	3.63	4.30	5.00	4.26
REGION X	3.08	3.14	3.57	4.17	4.95	4.13
U S	2.68	2.86	3.04	3.75	4.78	3.48

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 JAN 1978 DATA.

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 AND LIVESTOCK WORKERS	FIELD WORKERS	LIVESTOCK WORKERS	PACKINGHOUSE 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	2/	3.53
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	3.16
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	3.10	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.

FARM WAGE RATES BY METHOD OF PAY JANUARY 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 WAGES ONLY	BY HOUR RECEIVING CASH WAGES ONLY
DOLLARS PER HOUR						
REGION I 1/	2.80	2/	2.84	2.97	2.89	2.90
N J	3.23	2/	3.23	3.05	3.41	3.15
N Y	2.85	2/	2.85	2.92	3.32	3.16
REGION II	2.90	2/	2.90	2.94	3.34	3.16
DEL	3.19	2/	3.19	3.05	3.25	3.25
MD	2.70	2/	2.76	3.20	3.25	3.15
PA	2.94	2/	2.94	3.20	3.10	3.30
VA	2.63	2/	2.63	2.63	3.02	2.65
W VA	2.50	2/	2.48	2.50	2.70	2.50
REGION III	2.81	2.36	2.82	3.05	3.09	3.09
ALA	2.76	2/	2.70	2.85	2.95	2.90
FLA	3.66	4.17	3.45	3.22	3.72	3.27
GA	2.81	2/	2.79	2.58	2.80	2.73
KY	2.53	2/	2.53	2.35	2.56	2.40
MISS	3.19	2/	3.19	2.97	3.13	3.00
N C	3.03	2/	3.02	2.77	3.28	2.82
S C	2.73	2/	2.73	2.50	2.70	2.60
TENN	2.71	2/	2.70	2.50	2.69	2.55
REGION IV	3.22	4.05	3.06	2.94	3.36	3.02
ILL	3.27	3.00	3.31	3.40	3.50	3.40
IND	3.16	2/	3.16	3.16	3.49	3.10
MICH	3.11	2/	3.11	2.95	3.15	3.00
MINN	2.96	2/	2.95	3.10	3.30	3.15
OHIO	2.90	2/	2.90	3.20	3.60	3.25
WIS	2.49	2/	2.49	3.00	2.90	3.05
REGION V	2.90	3.15	2.89	3.12	3.33	3.17
ARK	2.91	2/	2.90	2.76	3.20	2.90
LA	2.96	2/	2.97	2.85	3.05	2.95
N MEX	2.74	2/	2.71	2.72	3.00	2.90
OKLA	2.92	2/	2.91	2.97	2.93	3.08
TEX	2.78	2/	2.78	2.63	2.93	2.75
REGION VI	2.82	2.88	2.82	2.69	2.99	2.83
IOWA	3.10	2/	3.10	2.99	3.48	3.17
KANS	3.47	2/	3.47	3.05	3.65	3.10
MO	2.83	2/	2.85	2.84	3.10	2.87
NEBR	3.09	2/	3.09	2.82	3.40	2.90
REGION VII	3.12	2/	3.12	2.94	3.39	2.99
COLO	3.37	2/	3.37	3.19	3.20	2.94
MONT	2.50	2/	2.50	2.90	2.80	2.91
N DAK	3.30	2/	3.30	3.42	3.96	3.72
S DAK	2.25	2/	2.25	2.31	2.54	2.41
UTAH	2.79	2/	2.79	2.64	2.93	2.63
WYO	2.83	2/	2.83	2.99	3.30	3.01
REGION VIII	2.91	2/	2.91	3.02	3.07	2.86
ARIZ	3.25	3.10	3.25	3.00	3.22	3.10
CALIF	3.91	4.45	3.92	3.65	3.83	3.52
NEV	2.67	2/	2.67	3.10	3.30	3.10
REGION IX	3.81	4.42	3.81	3.58	3.76	3.48
IDAHO	3.19	2/	3.19	2.97	3.41	2.90
OREG	3.32	3.71	3.30	3.17	3.64	3.17
WASH	3.89	4.14	3.86	3.41	3.98	3.42
REGION X	3.52	4.04	3.48	3.24	3.72	3.23
U S	3.18	4.00	3.13	3.13	3.40	3.18

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 8-14, 1978 BY STATES,  
STANDARD FEDERAL REGIONS AND UNITED STATES

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/	2.45	3.20	2.09	3.07	2/	4.45	2.99
N J	2.82	3.00	2.60	2.83	2/	5.28	3.55
N Y	2.50	2.96	2.40	2.95	2/	5.25	3.62
REGION II	2.54	2.97	2.41	2.91	3.51	5.26	3.61
DEL	2.77	2.85	2.70	2.82	3.00	4.51	3.40
MD	2.38	2.62	2.30	2.80	3.25	4.60	3.40
PA	2.63	2.87	2.50	3.30	2/	4.96	2/
VA	2.52	2.58	2.48	2/	2/	3.43	2.80
W VA	2.28	2.40	2.20	2/	2/	2/	2/
REGION III	2.55	2.73	2.45	3.16	3.21	4.36	3.22
ALA	2.46	2.23	2.59	2/	3.20	5.00	3.35
FLA	3.41	3.47	3.07	3.32	3.45	5.62	4.37
GA	2.60	2.55	2.63	2/	2.80	4.20	2.71
KY	2.54	2.45	2.60	2/	2/	2/	2.28
MISS	2.74	2.90	2.64	2/	2.90	5.22	2/
N C	2.74	2.85	2.70	2.61	3.22	2/	3.54
S C	2.43	2.20	2.60	2/	2.60	4.39	2.83
TENN	2.58	2.60	2.55	2/	2.80	3.80	2/
REGION IV	2.98	3.16	2.70	3.06	3.18	5.13	3.48
ILL	2.91	3.00	2.90	2/	2/	5.60	4.00
IND	2.81	2.60	2.88	3.38	2/	5.50	2/
MICH	2.69	2.62	2.70	3.13	3.80	4.90	4.00
MINN	2.70	2.40	2.71	2/	3.88	5.60	2/
OHIO	2.53	2.85	2.37	2/	2/	5.00	4.20
WIS	2.32	2.10	2.35	2/	2/	2/	2/
REGION V	2.58	2.60	2.58	3.04	3.58	5.06	4.01
ARK	2.57	2.86	2.42	2.65	3.00	4.80	3.20
LA	2.73	2.65	2.75	2/	2.85	4.50	3.20
N MEX	2.52	2.53	2.52	2/	2.65	4.50	2.95
OKLA	2.68	3.00	2.63	2/	2/	4.09	3.36
TEX	2.59	2.60	2.58	2.71	2.96	4.30	2/
REGION VI	2.60	2.64	2.58	2.74	2.95	4.39	2.85
IOWA	2.93	2.72	2.95	2/	3.68	2/	2/
KANS	3.01	3.10	3.00	2/	4.00	2/	3.90
MO	2.63	2.75	2.60	2/	3.00	5.30	2/
NEBR	2.96	3.10	2.95	2/	3.25	4.40	3.24
REGION VII	2.89	2.84	2.90	3.17	3.62	5.14	3.45
COLO	2.93	3.10	2.90	2.74	2/	5.40	3.57
MONT	2.32	2.30	2.32	2/	2/	3.60	2/
N DAK	3.09	2/	3.10	3.43	3.50	4.30	3.87
S DAK	2.19	2.20	2.19	3.10	2.90	3.82	3.12
UTAH	2.51	2.57	2.51	2/	2/	4.10	2/
WYO	2.67	2.60	2.67	2/	3.24	4.09	2/
REGION VIII	2.61	2.89	2.58	2.83	3.39	4.75	3.36
ARIZ	2.91	2.93	2.87	2/	3.33	4.75	3.62
CALIF	3.57	3.65	3.29	3.91	4.25	5.60	4.60
NEV	2.50	2.50	2.50	2.90	2/	3.70	2.56
REGION IX	3.49	3.59	3.17	3.81	4.01	5.45	4.45
IDAHO	2.92	3.31	2.75	2.61	3.80	4.16	3.55
OREG	3.01	3.09	2.92	3.35	3.70	5.20	4.20
WASH	3.62	3.80	3.40	3.25	3.90	5.55	4.56
REGION X	3.23	3.42	3.04	3.16	3.82	5.02	4.19
U S	2.90	3.20	2.67	3.17	3.39	5.02	3.59

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

Workers on Hawaii's farms and ranches during the survey week of January 8-14 numbered 14,900, up 4.9 percent from the comparable week a year ago. Hired workers at 10,700 and farm operators and unpaid family members working 15 hours or more at 4,200 made up the Hawaii work force. Field and livestock workers accounted for 5,400 or 50 percent of the hired work force.

All hired workers received a wage rate equivalent of \$4.90 per hour, an increase of 38 cents from last year.

Operators and unpaid family members worked an average of 26.9 hours during the survey week. Hired workers averaged 38.7 hours.

The annual average number of workers for 1977 was 4,400 for family workers, 11,300 for hired workers, and 15,700 for the total work force.

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

METHOD OF PAY	DOLLARS PER HOUR			
	1977 ANNUAL AVERAGE	JAN 9-15, 1977	OCT 9-15, 1977	JAN 8-14, 1978
ALL HIRED FARM WORKERS	4.43	4.52	4.38	4.90
PAID BY OTHER THAN PIECE-RATE		4.52	4.47	4.92
PAID BY HOUR ONLY		4.35	4.28	4.90
PAID BY HOUR CASH WAGES ONLY	3.18	3.37	3.00	3.02
FIELD WORKERS 1/			3.60	4.21
LIVESTOCK WORKERS 1/			3.65	3.67
FIELD AND LIVESTOCK WORKERS	3.76	3.91	3.60	4.15
MACHINE OPERATORS		4.76	4.99	5.25
MAINTENANCE AND BOOKKEEPING		4.92	2/	2/
SUPERVISORS		6.50	6.67	7.00

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.

PUERTO RICO HIRED WORKERS TOTAL 25,000

Workers hired to work on Puerto Rico farms during the survey week of January 8-14, 1978 numbered 25,000. This total compares with 35,000 during the October survey week and 28,000 a year ago. The number of field and livestock workers was 23,000, or 92 percent of the total. Packinghouse employees, machine operators, supervisors, and others made up the remaining 2,000 hired farm workers.

Wages for all methods of pay converted to an hourly rate averaged \$1.65, down 2¢ from October but up 7¢ from the previous year.

All hired workers averaged 31.4 hours during the survey week, compared to 28.8 hours in October and 30.7 hours in January 1977.