

# FARM LABOR



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## FARM WORKERS 1 PERCENT BELOW LAST YEAR

Total employment on United States farms during the survey week of January 7-13, 1979 was estimated at 2.98 million workers, 1 percent less than January 1978. Farm operators working one hour or more and unpaid family members working 15 hours or more totaled 2.20 million and hired workers numbered 785 thousand.

All family members worked an average of 28.7 hours during the January 1979 survey week compared to 28.5 hours in January 1978. Farm operators reported working an average of 27.9 hours compared to 27.6 last year and unpaid family members worked 31.3 hours compared to 31.7 the previous year. Hired workers averaged 36.0 hours for the week compared with 34.6 a year earlier.

## WAGE RATES ABOVE YEAR AGO

Farm wage rates for all methods of pay converted to an hourly rate averaged \$3.37 during the week of January 7-13, 1979. This was 19 cents above the average of \$3.18 per hour paid a year ago. Hourly workers receiving only cash wages averaged \$3.34 per hour compared with \$3.18 a year earlier. Field workers received an average of \$3.40 compared to \$3.20 a year ago. Livestock workers hourly wages averaged \$2.89, up 22 cents from the \$2.67 per hour for the January 1978 survey week.

## WORKERS RECEIVING PERQUISITES

Approximately 49 percent of the hired workers employed on farms during the January 1979 survey week received housing, room and board, meals or other perquisites in addition to cash wages. In January 1978, 50 percent of the Nation's hired farm work force received benefits in addition to cash wages. The most frequent benefit received was housing, 21 percent, followed by room and board, 13 percent.

## ANNUAL AVERAGE NUMBER OF WORKERS AND WAGE RATES

The annual average number of workers on farms and wage rates for the last three calendar years, by State, are published each year in the February release. Separate annual average wage rates for field workers and livestock workers are shown for 1978 only since data was collected for field and livestock workers combined prior to July 1977.

During the January survey week the average earnings were \$2.40 for those workers provided room and board and \$3.20 for those receiving housing. Workers receiving meals or food received \$3.10, while employees receiving only cash wages earned \$3.60 per hour.

Of the hired farm workers employed on farms during the January 1979 survey week, 37 percent were working on farms employing 9 or more hired workers, while 18 percent were on farms having only 1 hired worker. This compares to 38 percent and 20 percent in January 1978, respectively.

#### AGRICULTURAL SERVICE WORKERS

There were 55.0 thousand agricultural service employees working on U.S. farms during the week of January 7-13, 1979, compared to 63 thousand during the October 1978 survey week. California and Florida each employed twenty-four thousand of these workers, compared to 37 and 5 thousand, respectively, for October 1978. Wage rates for agricultural service employees working on farms in California averaged \$4.50 per hour, up 42 cents from last quarter. In Florida, agricultural service firm employees' wages averaged \$4.11, up 66 cents from October.

#### ADVERSE WEATHER DURING WEEK OF JANUARY 7-13, 1979 STOPPED FIELD WORK IN MANY AREAS

The Nation's midsection was hit with an onslaught of low temperatures and heavy snowfalls. Farmers had very little time for fieldwork and spent most of the day caring for livestock and removing snow. Fruit tree pruning was limited by snows and cold temperatures. Sugarcane harvest moved actively in Florida.

Tobacco growers in the major production States continued to grade and market the 1978 crop.

Bad weather prevented most deciduous fruit growers from performing orchard maintenance in many northern areas. Pacific Northwest growers did prune some trees. Texas citrus harvest of fallen oranges for juice kept a brisk pace. Arizona citrus growers harvested lemons, early variety oranges, tangerines, and grapefruit. California growers harvested moderate volumes of grapefruits, Navel, tangelos, and mandarins for fresh market.

Florida vegetable harvest slowed because of adverse weather. Texas growers harvested limited supplies of lettuce and salvaged cabbage and carrots from freeze-damaged fields. California broccoli and cauliflower harvests moved ahead. Celery moved from the south coast. Lettuce harvest increased in the Imperial Valley.

#### SOURCE AND RELIABILITY OF ESTIMATES

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

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

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

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

The standard error is primarily a measure of sampling variability, which is the variation that occurs by chance because a sample rather than the whole population is surveyed. Standard errors and relative standard errors, that is the standard error as a percent of the estimate, have been computed from the sample data. In conjunction with the associated estimates, the standard error may be used to define confidence intervals or ranges that would include the comparable complete coverage value. The average of all possible samples will fall in the range of one standard error below to one standard error above the complete coverage value two times out of three. The survey estimate of hired workers has a standard error of 31 thousand workers or 3.8 percent relative standard error at the national level. The relative standard error of the estimate of hired workers by regions ranges from 6.1 percent in Region 9 to 17.7 percent in Region 7.

FARM EMPLOYMENT AND INDEXES, JANUARY 1979 WITH COMPARISONS, UNITED STATES

ITEM	ANNUAL AVERAGE 1977	ANNUAL AVERAGE 1978	JAN 8-14, 1978	OCT 8-14, 1978	JAN 7-13, 1979
FARM EMPLOYMENT (THOUSANDS)					
TOTAL	4,154.5	3,936.6	3,009.5	4,062.8	2,979.7
FAMILY LABOR	2,858.6	2,680.9	2,245.2	2,756.8	2,195.1
HIRED LABOR	1,295.9	1,255.7	764.3	1,306.0	784.6
INDEXES 1/ (1910-T4=100)					
TOTAL	31	29	2/28	30	28
FAMILY LABOR	28	26	26	27	26
HIRED LABOR	38	37	32	35	33
(1967=100)					
TOTAL	85	80	75	80	76
FAMILY LABOR	78	73	72	75	72
HIRED LABOR	103	100	84	92	87

1/ INDEXES ARE ADJUSTED FOR SEASONAL VARIATION.

2/ REVISED.

FARM WAGE RATES, JANUARY 1979, WITH COMPARISONS, UNITED STATES

ITEM	ANNUAL AVERAGE 1977	ANNUAL AVERAGE 1978	JAN 8-14, 1978	OCT 8-14, 1978	JAN 7-13, 1979
METHOD OF PAY:			DOLLARS PER HOUR		
ALL HIRED FARM WORKERS	2.87	3.07	3.18	3.18	3.37
PAID BY PIECE-RATE	3.48	3.76	4.00	4.02	3.93
PAID BY OTHER THAN PIECE-RATE	2.82	3.02	3.14	3.11	3.33
PAID BY HOUR ONLY 1/	2.84	3.06	3.13	3.18	3.30
PAID BY CASH WAGES ONLY 2/	3.06	3.22	3.40	3.34	3.60
PAID BY HOUR CASH WAGES ONLY 3/	2.90	3.10	3.18	3.20	3.34
TYPE OF WORK PERFORMED:					
FIELD WORKERS	4/	2.92	3.20	3.06	3.40
LIVESTOCK WORKERS	4/	2.68	2.67	2.77	2.89
FIELD & LIVESTOCK WORKERS	2.65	2.84	4/	4/	4/
PACKINGHOUSE WORKERS	2.97	3.18	3.17	3.23	3.15
MACHINE OPERATORS	2.92	3.11	3.39	3.17	3.55
SUPERVISORS	4.63	4.91	5.02	4.95	5.29
OTHER AGRICULTURAL WORKERS	3.37	3.56	3.59	6/3.62	4.01
INDEXES 5/ (1910-T4=100)	1,904	2,036	2,068	2,009	2,180
(1967=100)	225	240	244	237	257

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

2/ INCLUDES ALL WORKERS NOT RECEIVING PERQUISITES.

3/ INCLUDES ALL HOURLY WORKERS NOT RECEIVING PERQUISITES.

4/ NOT AVAILABLE.

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

6/ REVISED.

WORKERS ON FARMS, JANUARY 7-13, 1979 WITH COMPARISONS, BY STATES,  
STANDARD FEDERAL REGIONS AND UNITED STATES

STATE AND REGION	JAN 8-14, 1978 <sup>1/</sup>			OCT 8-14, 1978			JAN 7-13, 1979		
	TOTAL	FAMILY	HIRED	TOTAL	FAMILY	HIRED	TOTAL	FAMILY	HIRED
	THOUSANDS								
REGION I <sup>2/</sup>	61	37	24	90	45	45	59	37	22
N J	13	8.0	5.0	23	12	11	12	8.0	4.0
N Y	81	57	26	106	68	38	76	53	23
REGION II	94	65	29	129	80	49	88	61	27
DEL	4.3	2.5	1.8	4.9	2.7	2.2	3.3	1.7	1.6
MD	21.8	15	6.8	31	17	14	27	17	10
PA	100	78	22	109	79	30	99	83	16
VA	66	50	16	86	63	23	67	51	16
W VA	29.5	27	2.5	26.2	22	4.2	22.2	20	2.2
REGION III	221.6	172.5	49.1	257.1	183.7	73.4	218.5	172.7	45.8
ALA	62	39	23	76	50	26	60	38	22
FLA	106	27	79	82	29	53	102	26	76
GA	64	48	16	66	41	25	63	44	19
KY	98	81	17	145	101	44	98	78	20
MISS	47	36	11	84	52	32	54	42	12
N C	69	53	16	122	79	43	84	64	20
S C	37	27	10	41	30	11	42	30	12
TENN	94	80	14	129	100	29	102	88	14
REGION IV	577	391	186	745	482	263	605	410	195
ILL	106	89	17	187	145	42	114	97	17
IND	77	69	8.0	110	87	23	83	70	13
MICH	72	55	17	91	69	22	65	56	9.0
MINN	147	133	14	223	178	45	144	121	23
OHIO	137	120	17	157	120	37	119	100	19
WIS	158	128	30	187	137	50	159	118	41
REGION V	697	594	103	955	736	219	684	562	122
ARK	55	42	13	71	46	25	60	45	15
LA	30	21	9.0	67	41	26	39	30	9.0
N MEX	18	12	6.0	23	16	7.0	20	14	6.0
OKLA	90	80	10	89	76	13	69	61	8.0
TEX	185	129	56	276	178	98	163	119	44
REGION VI	378	284	94	526	357	169	351	269	82
IOWA	159	137	22	241	199	42	174	148	26
KANS	74	64	10	99	76	23	63	50	13
MO	131	117	14	148	120	28	131	110	21
NEBR	87	74	13	124	100	24	83	72	11
REGION VII	451	392	59	612	495	117	451	380	71
COLO	45	31	14	49	34	15	35	25	10
MONT	24.5	20	4.5	31.6	26	5.6	30.2	23.3	6.9
N DAK	42	40	2.0	73	59	14	47	43	4.0
S DAK	54	46	8.0	62	52	10	54	43	11
UTAH	20	16	4.0	22	16	6.0	15	11	4.0
WYO	12	8.5	3.5	12	7.0	5.0	11.5	7.0	4.5
REGION VIII	197.5	161.5	36	249.6	194	55.6	192.7	152.3	40.4
ARIZ	31.3	16.2	15.1	31	14	17	20.5	14	6.5
CALIF	181	46	135	252	62	190	197	57	140
NEV	4.1	2.0	2.1	5.1	2.1	3.0	4.0	2.1	1.9
REGION IX	216.4	64.2	152.2	288.1	78.1	210	221.5	73.1	148.4
IDAHO	26	20	6.0	64	31	33	22	16	6.0
OREG	41	29	12	63	35	28	43	32	11
WASH	49	35	14	84	40	44	44	30	14
REGION X	116	84	32	211	106	105	109	78	31
U S	3,009.5	2,245.2	764.3	4,062.8	2,756.8	1,306.0	2,979.7	2,195.1	784.6

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

WORKERS ON FARMS, ANNUAL AVERAGES, BY STATES, STANDARD FEDERAL REGIONS, AND UNITED STATES, 1976-78 1/

STATE AND REGION	ANNUAL AVERAGE 1976			ANNUAL AVERAGE 1977 2/ 3/			ANNUAL AVERAGE 1978		
	TOTAL	FAMILY	HIRED	TOTAL	FAMILY	HIRED	TOTAL	FAMILY	HIRED
THOUSANDS									
REGION I 3/	80	46	34	80	44	36	78	43	35
N J	22	10	12	23	11	12	23	12	11
N Y	114	82	32	105	71	34	99	65	34
REGION II	136	92	44	128	82	46	122	77	45
DEL	6.4	4.0	2.4	5.9	3.6	2.3	5.2	2.9	2.3
MD	34	21	13	32	20	12	29	17	12
PA	130	93	37	134	100	34	119	89	30
VA	89	57	32	73	51	22	83	59	24
W VA	40.8	35	5.8	41.7	38	3.7	32	27	5.0
REGION III	300.2	210	90.2	286.6	212.6	74	268.2	194.9	73.3
ALA	94	69	25	86	63	23	75	51	24
FLA	92	31	61	90	30	60	96	31	65
GA	95	60	35	83	50	33	81	47	34
KY	144	114	30	137	108	29	131	98	33
MISS	96	62	34	88	55	33	77	49	28
N C	188	110	78	164	92	72	145	85	60
S C	58	34	24	56	34	22	54	33	21
TENN	143	121	22	131	107	24	116	94	22
REGION IV	910	601	309	835	539	296	775	488	287
ILL	165	127	38	172	133	39	158	123	35
IND	127	98	29	121	93	28	109	82	27
MICH	112	83	29	102	77	25	96	70	26
MINN	217	175	42	199	164	35	195	158	37
OHIO	162	130	32	162	136	26	153	122	31
WIS	198	152	46	199	153	46	186	138	48
REGION V	981	765	216	955	756	199	897	693	204
ARK	96	68	28	92	63	29	84	56	28
LA	68	44	24	57	37	20	54	34	20
N MEX	24.8	17	7.8	24.8	17	7.8	24	16	8.0
OKLA	104	85	19	96	75	21	99	83	16
TEX	250	167	83	249	166	83	237	155	82
REGION VI	542.8	381	161.8	518.8	358	160.8	498	344	154
IOWA	224	181	43	213	171	42	216	177	39
KANS	100	78	22	98	76	22	92	74	18
MO	196	169	27	173	153	20	157	130	27
NEBR	117	97	20	108	87	21	110	88	22
REGION VII	637	525	112	592	487	105	575	469	106
COLO	55	39	16	54	36	18	51	33	18
MONT	33.3	24	9.3	31.7	24	7.7	32.8	25	7.8
N DAK	59	49	10	64.3	56	8.3	65.3	56	9.3
S DAK	66	55	11	70	60	10	63	53	10
UTAH	22.8	16	6.8	23.3	17	6.3	24.5	18	6.5
WYO	15.8	9.8	6.0	13.8	8.5	5.3	14	8.9	5.1
REGION VIII	251.9	192.8	59.1	257.1	201.5	55.6	250.6	193.9	56.7
ARIZ	21.6	7.6	14	25.3	9.3	16	30.9	13.9	17
CALIF	308	72	236	287	69	218	247.5	60.5	187
NEV	5.4	2.8	2.6	4.7	2.2	2.5	5.1	2.4	2.7
REGION IX	335.0	82.4	252.6	317.0	80.5	236.5	283.5	76.8	206.7
IDAHO	51	27	24	45	25	20	47.5	26.5	21
OREG	60	37	23	64	35	29	65.5	36.5	29
WASH	89	38	51	76	38	38	76.3	38.3	38
REGION X	200	102	98	185	98	87	189.3	101.3	88
U S	4,373.9	2,997.2	1,376.7	4,154.5	2,858.6	1,295.9	3,936.6	2,680.9	1,255.7

1/ ANNUAL AVERAGE NUMBER OF WORKERS ARE STRAIGHT AVERAGES OF THE ESTIMATED NUMBER WORKING ON FARMS DURING THE FOUR QUARTERLY SURVEY WEEKS OF EACH YEAR. 2/ REVISED. 3/ REGION I: CONN, MAINE, MASS, N H, R I AND VT.

HOURS WORKED PER WORKER, JANUARY AND OCTOBER 1978  
BY STATES, STANDARD FEDERAL REGIONS AND UNITED STATES

STATE AND REGION	JAN 8-14, 1978				OCT 8-14, 1978			
	FARM OPERATOR	OTHER UN-PAID FAMILY MEMBERS 1/	ALL FAMILY 1/	HIRED WORKERS	FARM OPERATOR	OTHER UN-PAID FAMILY MEMBERS 1/	ALL FAMILY 1/	HIRED WORKERS
	HOURS							
REGION I 2/	32.9	33.8	33.1	36.5	34.2	29.9	32.9	34.0
N J	29.4	35.3	30.7	32.4	37.0	39.1	37.5	37.1
N Y	37.9	42.4	39.1	40.0	45.8	44.0	45.1	41.2
REGION II	36.7	41.6	37.9	38.7	43.2	43.5	43.3	40.4
DEL	36.0	36.0	36.0	35.1	42.2	34.3	39.9	40.1
MD	34.0	37.0	34.8	40.0	35.5	34.2	35.2	40.1
PA	34.2	30.1	32.7	42.0	46.9	35.2	43.6	33.8
VA	20.7	33.2	22.9	33.5	29.8	32.0	30.3	30.6
W VA	15.8	18.3	16.3	27.2	26.3	29.3	26.8	34.2
REGION III	26.9	30.1	27.8	38.0	37.6	33.7	36.6	34.2
ALA	16.5	23.1	17.2	25.9	33.5	40.0	35.1	29.6
FLA	27.1	32.3	27.6	33.7	31.3	26.1	29.7	36.7
GA	21.7	23.0	21.9	32.1	30.4	24.3	29.4	33.9
KY	24.3	31.2	25.8	25.2	37.4	38.8	37.8	36.3
MISS	15.0	24.4	15.5	28.5	24.7	28.3	26.0	41.3
N C	17.9	32.9	19.4	26.5	31.0	40.4	33.2	25.1
S C	18.0	27.0	19.0	25.0	27.0	33.0	28.2	37.8
TENN	15.3	20.8	16.0	29.2	28.0	31.1	29.0	26.1
REGION IV	19.3	27.3	20.4	30.1	31.2	33.7	31.9	33.1
ILL	24.9	33.3	26.3	34.7	50.3	48.0	49.4	35.0
IND	24.9	28.2	25.3	34.0	39.2	35.9	38.4	44.0
MICH	23.3	29.2	24.5	35.8	43.6	38.0	41.8	38.2
MINN	37.0	38.0	37.3	32.3	61.5	37.2	49.6	42.0
OHIO	26.0	27.5	26.5	35.0	39.0	28.7	35.3	37.6
WIS	54.6	35.2	45.9	37.9	61.0	38.6	51.3	38.1
REGION V	32.6	33.3	32.8	35.5	50.1	38.3	45.8	38.7
ARK	24.0	27.2	24.9	33.9	36.1	35.9	36.1	40.3
LA	22.0	36.0	25.3	35.7	30.2	37.5	30.7	41.7
N MEX	30.1	34.0	30.9	43.4	35.7	38.4	36.6	44.0
OKLA	21.9	30.8	23.5	27.2	33.0	39.8	34.9	41.4
TEX	23.4	33.4	24.7	38.6	35.2	35.4	35.2	39.3
REGION VI	23.2	31.5	24.6	36.6	34.2	37.1	34.9	40.2
IOWA	33.2	28.4	32.0	28.4	57.7	40.0	50.2	43.7
KANS	34.0	30.6	33.3	32.5	56.2	48.0	53.7	39.1
MO	23.7	32.6	25.2	30.0	31.1	30.0	31.0	34.0
NEBR	34.2	31.0	33.4	31.2	61.8	46.4	55.4	45.1
REGION VII	30.5	30.3	30.4	30.1	50.2	42.0	47.4	41.0
COLO	27.0	26.0	26.7	36.8	40.0	39.1	39.7	46.0
MONT	44.0	33.0	40.7	48.0	42.8	40.0	41.8	55.9
N DAK	32.3	30.1	31.5	38.2	58.4	33.3	48.6	51.3
S DAK	35.0	29.5	33.1	39.0	55.2	34.3	48.3	35.0
UTAH	26.4	36.0	28.2	34.0	34.5	28.7	33.0	31.2
WYO	33.4	30.2	31.2	44.5	43.8	43.8	43.8	55.0
REGION VIII	32.9	29.8	31.8	39.2	49.2	35.5	44.5	44.4
ARIZ	36.3	31.4	34.3	38.9	39.9	31.6	38.4	50.0
CALIF	29.2	34.9	30.4	36.0	33.0	40.0	34.2	41.9
NEV	37.1	35.0	36.7	50.3	43.7	41.6	42.8	54.2
REGION IX	30.2	34.3	31.1	36.5	33.6	39.7	34.7	42.7
IDAHO	34.2	43.6	37.1	43.0	44.2	37.0	41.2	52.7
OREG	21.9	29.4	23.3	35.8	29.1	35.3	30.6	35.4
WASH	20.0	32.0	21.0	32.9	32.0	31.1	31.8	38.8
REGION X	23.4	35.9	25.5	35.9	33.9	34.9	34.1	42.6
U S	27.6	31.7	28.5	34.6	41.6	37.7	40.4	38.8

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

HOURS WORKED PER WORKER, JANUARY 7-13, 1979, BY STATES,  
STANDARD FEDERAL REGIONS AND UNITED STATES

STATE AND REGION	FARM OPERATOR	OTHER UNPAID FAMILY MEMBERS <sup>1/</sup>	ALL FAMILY <sup>1/</sup>	HIRED WORKERS
HOURS				
REGION I <sup>2/</sup>	29.3	29.5	29.3	34.1
N J	35.8	33.5	35.1	37.4
N Y	46.1	33.0	38.3	42.1
REGION II	44.5	33.0	37.9	41.6
DEL	35.3	26.0	32.7	37.2
MD	28.0	30.4	28.6	35.9
PA	29.9	33.6	31.3	36.6
VA	17.0	36.0	19.4	36.8
W VA	22.0	28.0	22.9	30.0
REGION III	24.4	33.2	26.8	36.4
ALA	19.9	26.0	20.4	31.9
FLA	32.8	32.1	32.7	31.4
GA	29.1	33.3	29.4	29.8
KY	20.1	24.7	21.3	39.0
MISS	16.3	22.9	17.8	33.7
N C	18.4	31.9	19.8	31.6
S C	19.0	21.2	19.9	33.6
TENN	14.0	32.0	15.4	36.5
REGION IV	19.8	26.1	20.8	33.1
ILL	21.6	28.7	22.9	32.5
IND	21.2	32.9	22.7	33.5
MICH	29.5	30.3	29.6	39.7
MINN	40.5	34.7	38.5	36.2
OHIO	26.2	25.6	26.0	32.5
WIS	52.1	37.3	47.2	41.0
REGION V	32.2	32.6	32.3	36.5
ARK	24.5	27.5	25.1	29.2
LA	17.2	25.7	18.2	29.6
N MEX	27.7	36.0	29.5	42.1
OKLA	23.8	30.1	25.0	30.8
TEX	25.5	35.8	27.1	38.4
REGION VI	24.1	31.7	25.4	35.3
IOWA	37.6	31.5	35.8	38.1
KANS	38.8	34.4	38.1	32.5
MO	25.5	28.0	26.9	30.0
NEBR	31.0	34.3	31.7	40.0
REGION VII	32.7	31.3	32.7	34.5
COLO	25.7	29.3	26.3	36.8
MONT	38.5	38.7	38.6	46.0
N DAK	31.0	29.8	30.6	30.9
S DAK	45.2	32.6	41.5	38.0
UTAH	29.5	36.2	31.2	32.5
WYO	33.6	26.9	31.1	44.5
REGION VIII	35.2	32.5	34.4	38.5
ARIZ	32.1	30.0	31.5	45.2
CALIF	24.8	28.7	25.6	39.6
NEV	42.1	24.8	35.6	44.2
REGION IX	25.8	28.6	26.4	39.9
IDAHO	31.7	33.4	32.0	39.3
OREG	19.0	34.0	22.3	33.7
WASH	22.5	24.2	22.8	32.4
REGION X	23.0	30.6	24.4	34.3
U S	27.9	31.3	28.7	36.0

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

ANNUAL AVERAGE WAGE RATE FOR FIELD WORKERS, LIVESTOCK WORKERS AND FIELD AND LIVESTOCK WORKERS COMBINED, BY STATES, STANDARD FEDERAL REGIONS AND UNITED STATES, 1976-78

STATE AND REGION	FIELD WORKERS 1/	LIVESTOCK WORKERS 1/	FIELD AND LIVESTOCK WORKERS COMBINED 2/		
	1978	1978	1976	1977	1978
	DOLLARS PER HOUR				
REGION I 3/	2.63	2.19	2.33	2.38	2.47
N J	2.96	2.68	2.53	2.64	2.92
N Y	2.76	2.29	2.26	2.36	2.56
REGION II	2.82	2.33	2.33	2.43	2.63
DEL	2.85	2.86	2.46	2.62	2.86
MD	2.68	2.54	2.10	2.42	2.60
PA	2.70	2.38	2.28	2.46	2.57
VA	2.42	2.53	2.18	2.25	2.46
W VA	2.27	2.16	1.98	2.03	2.24
REGION III	2.58	2.46	2.20	2.38	2.53
ALA	2.50	2.51	2.15	2.26	2.50
FLA	3.24	3.12	2.75	2.96	3.22
GA	2.33	2.67	2.10	2.32	2.43
KY	2.60	2.74	2.15	2.36	2.64
MISS	2.46	2.77	1.98	2.33	2.60
N C	2.49	2.67	2.18	2.30	2.52
S C	2.33	2.62	2.04	2.24	2.37
TENN	2.57	2.61	2.14	2.48	2.58
REGION IV	2.70	2.75	2.25	2.48	2.71
ILL	2.90	2.97	2.37	2.66	2.93
IND	2.63	2.78	2.37	2.53	2.71
MICH	2.81	2.78	2.32	2.53	2.80
MINN	2.73	2.58	2.41	2.37	2.68
OHIO	2.70	2.66	2.50	2.44	2.67
WIS	2.31	2.25	2.20	2.24	2.26
REGION V	2.70	2.54	2.35	2.43	2.61
ARK	2.64	2.77	2.21	2.50	2.69
LA	2.67	2.90	2.14	2.48	2.74
N MEX	2.39	2.33	2.07	2.14	2.37
OKLA	3.04	2.68	2.21	2.45	2.89
TEX	2.54	2.59	2.23	2.34	2.56
REGION VI	2.61	2.62	2.20	2.37	2.61
IOWA	2.88	2.75	2.54	2.61	2.81
KANS	3.02	2.90	2.80	2.90	2.95
MO	2.76	2.61	2.38	2.48	2.69
NEBR	2.53	2.91	2.41	2.56	2.69
REGION VII	2.74	2.78	2.54	2.62	2.76
COLO	2.82	2.86	2.58	2.66	2.84
MONT	2.47	2.39	2.16	2.21	2.42
N DAK	3.19	3.02	2.70	2.93	3.10
S DAK	2.33	2.30	2.16	2.19	2.31
UTAH	2.73	2.43	2.21	2.53	2.55
WYO	2.25	2.40	1.97	2.12	2.35
REGION VIII	2.68	2.54	2.28	2.46	2.61
ARIZ	3.13	3.07	2.39	2.65	3.11
CALIF	3.47	3.44	3.00	3.26	3.47
NEV	2.46	2.34	2.18	2.18	2.38
REGION IX	3.44	3.30	2.97	3.21	3.42
IDAHO	3.09	2.69	2.74	2.77	3.00
OREG	2.81	2.80	2.50	2.63	2.81
WASH	3.48	3.50	3.05	3.32	3.48
REGION X	3.18	3.05	2.86	2.96	3.14
U S	2.92	2.68	2.47	2.65	2.84

1/ DATA FOR FIELD WORKERS AND LIVESTOCK WORKERS WAS FIRST COLLECTED SEPARATELY IN JUL 1977. THUS, ANNUAL AVERAGES ARE NOT AVAILABLE FOR YEARS PRIOR TO 1978. 2/ ANNUAL AVERAGE WAGE RATES FOR FIELD AND LIVESTOCK WORKERS COMBINED WERE SPECIALLY COMPUTED AND SHOWN IN THIS REPORT FOR 1978. NUMEROUS QUESTIONS REGARDING AVAILABILITY OF THE INFORMATION WERE RECEIVED BECAUSE THESE AVERAGES ARE USED BY THE DEPARTMENT OF LABOR IN COMPUTING "ADVERSE EFFECT" WAGE RATES. 3/ REGION I: CONN, MAINE, MASS, N H, R I AND VT.



ANNUAL AVERAGE WAGE RATE FOR WORKERS PAID BY HOUR RECEIVING CASH WAGES ONLY  
AND FOR ALL HIRED FARM WORKERS, BY STATES, STANDARD FEDERAL REGIONS AND UNITED STATES, 1976-78 1/

STATE AND REGION	WORKERS PAID BY HOUR RECEIVING CASH WAGES ONLY 2/			ALL HIRED FARM WORKERS		
	1976	1977	1978	1976	1977	1978
	DOLLARS PER HOUR					
REGION I 3/	2.67	2.70	2.79	2.59	2.65	2.75
N J	2.62	2.87	3.11	2.69	2.83	3.13
N Y	2.52	2.68	2.97	2.45	2.55	2.80
REGION II	2.55	2.73	3.01	2.52	2.61	2.87
DEL	2.60	2.88	3.02	2.64	2.77	3.25
MD	2.72	3.00	3.35	2.42	2.76	2.91
PA	2.76	2.96	3.04	2.53	2.70	2.83
VA	2.43	2.49	2.84	2.39	2.41	2.59
W VA	2.23	2.21	2.61	2.24	2.19	2.45
REGION III	2.62	2.81	3.03	2.45	2.61	2.77
ALA	2.37	2.40	2.98	2.45	2.56	2.79
FLA	2.73	2.87	3.19	3.05	3.23	3.52
GA	2.42	2.44	2.87	2.28	2.46	2.70
KY	2.18	2.46	2.70	2.29	2.45	2.79
MISS	2.24	2.52	2.75	2.32	2.54	2.81
N C	2.20	2.42	2.77	2.25	2.47	2.61
S C	2.20	2.34	2.54	2.25	2.43	2.60
TENN	2.31	2.53	2.59	2.23	2.61	2.72
REGION IV	2.37	2.57	2.88	2.43	2.68	2.92
ILL	2.76	2.90	3.32	2.56	2.86	3.17
IND	2.75	2.72	3.46	2.75	2.72	3.06
MICH	2.56	2.99	3.14	2.54	2.84	3.07
MINN	2.94	3.04	3.29	2.68	2.72	2.97
OHIO	2.68	2.69	3.18	2.68	2.71	2.94
WIS	2.56	2.78	3.04	2.45	2.44	2.50
REGION V	2.70	2.84	3.19	2.60	2.69	2.90
ARK	2.31	2.60	2.78	2.44	2.65	2.91
LA	2.40	2.66	2.82	2.40	2.73	2.88
N MEX	2.32	2.24	2.68	2.31	2.28	2.57
OKLA	2.40	2.77	3.15	2.36	2.69	3.09
TEX	2.30	2.66	2.65	2.42	2.62	2.73
REGION VI	2.33	2.64	2.73	2.41	2.63	2.80
IOWA	2.66	2.84	3.09	2.64	2.82	3.03
KANS	2.71	2.96	3.25	2.92	3.05	3.39
MO	2.58	2.56	2.89	2.48	2.59	2.87
NEBR	2.69	2.77	3.02	2.54	2.72	2.89
REGION VII	2.65	2.79	3.04	2.64	2.81	3.02
COLO	2.64	2.71	2.86	2.79	2.83	3.11
MONT	2.68	2.88	3.05	2.28	2.26	2.49
N DAK	3.29	3.34	3.85	2.99	3.08	3.41
S DAK	2.26	2.66	2.69	2.25	2.35	2.48
UTAH	2.35	2.76	2.95	2.38	2.66	2.75
WYO	2.74	3.03	3.49	2.14	2.41	2.74
REGION VIII	2.60	2.85	3.11	2.53	2.64	2.89
ARIZ	2.74	2.69	3.30	2.66	2.93	3.39
CALIF	3.02	3.33	3.40	3.20	3.53	3.77
NEV	2.70	2.96	3.27	2.36	2.37	2.55
REGION IX	3.01	3.30	3.39	3.16	3.47	3.71
IDAHO	2.77	2.88	3.05	2.87	2.90	3.18
OREG	2.82	2.93	3.21	2.83	2.85	3.11
WASH	2.95	3.21	3.49	3.16	3.48	3.70
REGION X	2.87	3.03	3.29	3.01	3.13	3.38
U S	2.65	2.90	3.10	2.66	2.87	3.07

1/ ANNUAL AVERAGE WAGE RATES ARE WEIGHTED AVERAGES. THE ESTIMATED WAGE RATE FOR EACH OF THE FOUR QUARTERLY SURVEY WEEKS FOR THE SPECIFIED GROUP OF WORKERS IS WEIGHTED BY THE NUMBER OF HOURS WORKED DURING THE COMPARABLE SURVEY WEEK. 2/ DOES NOT INCLUDE PERQUISITES. INCLUDES ONLY THOSE PAID BY THE HOUR. 3/ REGION I: CONN, MAINE, MASS, N H, R I AND VT.

FARM WAGE RATES BY METHOD OF PAY, JANUARY 8-14, 1978, 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	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	3.46	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	3.48	2/	3.48	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	2.60	
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	2.95	2/	2.95	3.02	3.07	2.88	
ARIZ	3.25	3.10	3.25	3.00	3.22	3.10	
CAL IF	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	3.14	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 U S WAGE RATES.

FARM WAGE RATES BY TYPE OF WORK, JANUARY 8-14, 1978, BY STATES,  
STANDARD FEDERAL REGIONS AND UNITED STATES (REVISED)

STATE AND REGION	FARM WAGE RATES - TYPE OF WORK PERFORMED					
	FIELD WORKERS	LIVESTOCK WORKERS	PACKINGHOUSE WORKERS	MACHINE OPERATORS	SUPERVISORS	OTHER AGRICULTURAL WORKERS
	DOLLARS PER HOUR					
REGION I 1/	3.20	2.09	3.07	2/	4.45	2.99
N J	3.00	2.60	2.83	2/	5.28	3.55
N Y	2.96	2.40	2.95	2/	5.25	3.62
REGION II	2.97	2.41	2.91	3.51	5.26	3.61
DEL	2.85	2.70	2.82	3.00	4.51	3.40
MD	2.62	2.30	2.80	3.25	4.60	3.40
PA	2.87	2.50	3.30	2/	4.96	2/
VA	2.58	2.48	2/	2/	3.43	2.80
W VA	2.40	2.20	2/	2/	2/	2/
REGION III	2.73	2.45	3.16	3.21	4.36	3.22
ALA	2.23	2.59	2/	3.20	5.00	3.35
FLA	3.47	3.07	3.32	3.45	5.62	4.37
GA	2.55	2.63	2/	2.80	4.20	2.71
KY	2.45	2.60	2/	2/	2/	2.28
MISS	2.90	2.64	2/	2.90	5.22	2/
N C	2.85	2.70	2.61	3.22	2/	3.54
S C	2.20	2.60	2/	2.60	4.39	2.83
TENN	2.60	2.55	2/	2.80	3.80	2/
REGION IV	3.16	2.70	3.06	3.18	5.13	3.48
ILL	3.00	2.90	2/	2/	5.60	4.00
IND	2.60	2.88	3.38	2/	5.50	2/
MICH	2.62	2.70	3.13	3.80	4.90	4.00
MINN	2.40	2.71	2/	3.88	5.60	2/
OHIO	2.85	2.37	2/	2/	5.00	4.20
WIS	2.10	2.35	2/	2/	2/	2/
REGION V	2.60	2.58	3.04	3.58	5.06	4.01
ARK	2.86	2.42	2.65	3.00	4.80	3.20
LA	2.65	2.75	2/	2.85	4.50	3.20
N MEX	2.53	2.52	2/	2.65	4.50	2.95
OKLA	3.00	2.63	2/	2/	4.09	3.36
TEX	2.60	2.58	2.71	2.96	4.30	2/
REGION VI	2.64	2.58	2.74	2.95	4.39	2.85
IOWA	2.72	2.95	2/	3.68	2/	2/
KANS	3.10	3.00	2/	4.00	2/	3.90
MO	2.75	2.60	2/	3.00	5.30	2/
NEBR	3.10	2.95	2/	3.25	4.40	3.24
REGION VII	2.84	2.90	3.17	3.62	5.14	3.45
COLO	3.10	2.90	2.74	2/	5.40	3.57
MONT	2.30	2.32	2/	2/	3.60	2/
N DAK	2/	3.10	3.43	3.50	4.30	3.87
S DAK	2.20	2.19	3.10	2.90	3.82	3.12
UTAH	2.57	2.51	2/	2/	4.10	2/
WYO	2.60	2.67	2/	3.24	4.09	2/
REGION VIII	2.89	2.58	2.83	3.39	4.75	3.36
ARIZ	2.93	2.87	2/	3.33	4.75	3.62
CALIF	3.65	3.29	3.91	4.25	5.60	4.60
NEV	2.50	2.50	2.90	2/	3.70	2.56
REGION IX	3.59	3.17	3.81	4.01	5.45	4.45
IDAHO	3.31	2.75	2.61	3.80	4.16	3.55
OREG	3.09	2.92	3.35	3.70	5.20	4.20
WASH	3.80	3.40	3.25	3.90	5.55	4.56
REGION X	3.42	3.04	3.16	3.82	5.02	4.19
U S	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 U S WAGE RATES.

FARM WAGE RATES BY METHOD OF PAY, OCTOBER 8-14, 1978, 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/	2.89	2/	2.86	3.05	3.00	2.90
N J	3.29	2/	3.31	3.20	3.51	3.41
N Y	2.90	3.64	2.75	2.90	3.09	3.00
REGION II	2.97	3.60	2.87	2.99	3.18	3.11
DEL	3.25	2/	3.25	2.94	2/	2/
MD	3.00	2/	2/	2/	2/	2/
PA	3.30	2/	3.21	3.36	3.34	3.37
VA	2.72	2/	2.70	2.96	2.87	3.00
W VA	2.69	2/	2.58	2.56	2.47	2.53
REGION III	3.03	3.62	2.99	3.21	3.19	3.25
ALA	2.88	2.95	2.88	2.92	3.15	2.94
FLA	3.57	3.83	3.54	3.20	3.59	3.22
GA	2.92	2/	2.92	2.92	2.90	3.00
KY	2.80	2/	2.80	2.70	2.79	2.70
MISS	2.77	2/	2.77	2.75	2.87	2.83
N C	2.75	2/	2.75	2.82	2.80	2.88
S C	2.78	2/	2.78	2.68	2.75	2.61
TENN	2.71	2/	2.68	2.58	2.70	2.64
REGION IV	2.97	3.11	2.96	2.87	3.04	2.91
ILL	3.23	2/	3.20	3.44	3.45	3.60
IND	3.24	2/	3.22	3.19	3.50	3.22
MICH	3.27	3.80	3.08	3.33	3.35	3.30
MINN	3.15	2/	3.15	3.34	3.42	3.40
OHIO	3.02	2.90	3.03	3.35	3.22	3.30
WIS	2.63	2/	2.63	3.09	2.75	3.21
REGION V	3.06	3.59	3.03	3.33	3.28	3.39
ARK	2.80	2/	2.78	2.76	2.98	2.74
LA	2.82	2/	2/	2.85	2.81	2.88
N MEX	2.90	2/	2.90	3.00	3.10	2/
OKLA	3.14	2/	3.15	3.29	3.15	3.38
TEX	2.84	2/	2.81	2.74	2.97	2.70
REGION VI	2.86	3.62	2.83	2.82	2.96	2.80
IOWA	3.11	2/	3.11	3.03	3.14	3.12
KANS	3.39	2/	3.39	3.20	3.52	3.40
MO	2.85	2/	2.85	2.83	2.81	2.80
NEBR	2.85	2/	2.85	3.15	3.09	3.34
REGION VII	3.04	3.12	3.04	3.03	3.12	3.10
COLO	3.34	2/	2/	2/	2/	2/
MONT	2.53	2/	2.53	2/	2/	2/
N DAK	3.56	2/	2/	2/	2/	2/
S DAK	2.67	2/	2.67	2/	2.72	2/
UTAH	3.05	2/	2/	2/	2/	2/
WYO	2.61	2/	2.61	3.10	2/	3.01
REGION VIII	3.09	3.49	3.09	3.29	3.47	3.41
ARIZ	3.57	2/	2/	2/	2/	2/
CALIF	3.91	5.15	3.71	3.51	3.92	3.45
NEV	2.42	2/	2.42	3.10	3.30	3.10
REGION IX	3.84	5.11	3.66	3.52	3.90	3.46
IDAHO	3.16	3.83	3.07	3.06	3.21	3.03
OREG	3.43	3.55	3.41	3.53	3.50	3.51
WASH	3.98	4.20	3.89	3.76	4.10	3.79
REGION X	3.51	3.98	3.40	3.36	3.57	3.35
U S	3.18	4.02	3.11	3.18	3.34	3.20

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

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

STATE AND REGION	FARM WAGE RATES - TYPE OF WORK PERFORMED					
	FIELD WORKERS	LIVESTOCK WORKERS	PACKINGHOUSE WORKERS	MACHINE OPERATORS	SUPERVISORS	OTHER AGRICULTURAL WORKERS
DOLLARS PER HOUR						
REGION I 1/	2.79	2.31	3.03	3.34	4.09	3.70
N J	3.10	2.72	2.90	3.48	2/	3.50
N Y	2.86	2.40	3.00	3.24	2/	3.36
REGION II	2.91	2.43	2.97	3.29	4.46	3.42
DEL	2/	2/	2/	2/	2/	2/
MD	2/	2/	2/	2/	2/	2/
PA	2/	2.54	2/	2/	5.15	3.56
VA	2.56	2.53	2/	2.93	2/	2/
W VA	2.64	2.19	2/	2/	2/	2/
REGION III	2.92	2.56	2.87	3.20	4.58	3.53
ALA	2.71	2.67	3.21	2.63	5.25	2/
FLA	3.17	3.19	3.16	3.27	5.41	4.49
GA	2.50	2.76	2/	3.00	2/	2.90
KY	2.62	3.00	2/	2.75	5.00	2/
MISS	2.57	2.65	2/	2.74	2/	2/
N C	2.60	2.80	2.50	2.90	2/	2/
S C	2.63	2.60	2/	2.60	2/	2/
TENN	2.60	2.74	2/	2.80	2/	2/
REGION IV	2.75	2.89	2.84	2.85	4.95	3.65
ILL	2.87	3.20	2/	3.20	5.51	2/
IND	2.70	2.72	3.58	3.34	2/	2/
MICH	2/	2.96	2/	2/	2/	2/
MINN	2.85	2.63	2/	3.26	2/	2/
OHIO	2.90	2.78	2.89	3.00	5.27	2/
WIS	2/	2/	2/	2/	2/	2/
REGION V	2.83	2.64	3.05	3.22	5.22	3.35
ARK	2/	2.78	2/	2.75	2/	2/
LA	2.73	2.95	2/	2/	2/	2/
N MEX	2/	2.37	2/	2.77	4.62	2/
OKLA	3.09	2.96	2/	2/	2/	2/
TEX	2.56	2.66	2/	2.74	4.49	2/
REGION VI	2.69	2.68	3.18	2.76	4.34	3.32
IOWA	2.85	2.75	2/	3.03	2/	2/
KANS	2.90	2.86	2/	3.23	2/	2/
MO	2.76	2.60	2/	2.90	2/	2/
NEBR	2.60	2.84	2/	3.03	2/	2/
REGION VII	2.72	2.76	3.26	3.05	5.11	3.36
COLO	2.96	3.09	2/	2/	2/	3.13
MONT	2/	2/	2/	2/	2/	2/
N DAK	2.94	3.10	2/	2/	2/	2/
S DAK	2/	2/	2/	2.80	3.59	2/
UTAH	2.85	2.59	2/	3.20	4.27	2.73
WYO	2.50	2.27	2/	2.84	3.89	2/
REGION VIII	2.73	2.68	3.44	3.21	4.59	2.97
ARIZ	3.18	2/	2/	3.59	5.35	4.14
CALIF	3.66	3.37	2/	4.15	2/	4.59
NEV	2.40	2/	2/	2/	2/	3.00
REGION IX	3.63	3.22	4.34	4.07	5.59	4.42
IDAHO	3.05	2.69	2/	3.33	2/	3.11
OREG	3.25	2.97	3.27	3.92	2/	2/
WASH	3.90	3.62	3.60	3.85	5.30	4.40
REGION X	3.40	3.10	3.32	3.58	4.89	3.66
U S	3.06	2.77	3.23	3.17	4.95	3.62

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

FARM WAGE RATES BY METHOD OF PAY, JANUARY 7-13, 1979, BY STATES, STANDARD FEDERAL REGIONS, AND UNITED STATES

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 WAGE ONLY		
DOLLARS PER HOUR							
REGION I 1/	3.24	2/	3.22	3.27	3.43	3.27	
N J	3.58	2/	3.58	3.35	3.62	3.20	
N Y	2.90	2/	2.90	3.13	3.45	3.28	
REGION II	2.96	3.30	2.96	3.15	3.47	3.27	
DEL	3.55	2/	3.56	3.40	3.65	2/	
MD	3.16	2/	3.16	3.41	2/	2/	
PA	3.40	2/	3.41	3.32	3.30	3.24	
VA	3.13	2/	3.13	2.92	3.20	2.85	
W VA	2.72	2/	2.73	2.80	2.80	2.85	
REGION III	3.22	3.04	3.23	3.26	3.24	3.11	
ALA	2.97	2/	2.97	3.05	3.07	3.07	
FLA	3.79	4.16	3.66	3.36	3.81	3.38	
GA	2.89	2/	2.89	2.90	3.23	2.87	
KY	3.20	2/	3.23	2.99	3.10	2.90	
MISS	3.23	2/	3.24	2.85	3.56	3.11	
N C	3.13	2/	3.12	3.10	3.30	3.03	
S C	3.11	2/	3.09	2.97	3.12	2.99	
TENN	2.80	2/	2.80	2.70	2.80	2.75	
REGION IV	3.31	3.76	3.23	3.08	3.46	3.15	
ILL	3.60	2/	3.60	3.77	3.81	3.69	
IND	3.42	2/	3.42	3.59	3.81	3.56	
MICH	3.44	2/	3.44	3.43	3.48	3.25	
MINN	3.01	2/	3.01	3.20	3.35	3.23	
OHIO	3.29	2/	3.29	3.40	3.33	3.15	
WIS	2.71	2/	2.71	3.23	2.90	3.35	
REGION V	3.10	4.44	3.10	3.43	3.42	3.37	
ARK	3.24	2/	3.24	3.00	3.30	2.99	
LA	3.45	2/	3.40	3.35	3.50	3.45	
N MEX	2.80	2/	2.80	2.97	3.00	2.95	
OKLA	3.43	2/	3.43	3.42	3.72	3.60	
TEX	3.04	2/	3.04	3.03	3.39	3.16	
REGION VI	3.12	3.65	3.12	3.10	3.41	3.22	
IOWA	3.36	2/	3.41	3.44	3.75	3.43	
KANS	3.43	2/	3.43	3.25	3.69	3.45	
MO	3.05	2/	3.00	2.90	3.25	2.95	
NEBR	3.25	2/	3.25	3.15	3.65	3.25	
REGION VII	3.29	2.99	3.30	3.20	3.58	3.27	
COLO	4.08	2/	4.08	3.47	4.00	3.37	
MONT	2.84	2/	2.84	2/	3.35	2/	
N DAK	3.55	2/	3.55	3.66	2/	2/	
S DAK	2.76	2.80	2.76	2.60	2.80	2.61	
UTAH	3.03	2/	3.00	2.87	3.09	2.90	
WYO	2.99	2/	2.95	3.17	3.63	3.31	
REGION VIII	3.21	4.01	3.19	3.16	3.38	3.06	
ARIZ	3.30	2/	3.30	3.09	3.26	3.20	
CALIF	3.97	4.42	3.91	3.57	3.98	3.61	
NEV	2.82	2/	2.82	3.10	3.55	3.10	
REGION IX	3.93	4.42	3.87	3.55	3.95	3.59	
IDAHO	3.41	2/	3.41	3.31	3.44	3.28	
OREG	3.47	2/	3.48	3.35	3.40	3.23	
WASH	4.20	2/	4.20	3.98	4.15	3.62	
REGION X	3.76	3.60	3.77	3.65	3.68	3.37	
U S	3.37	3.93	3.33	3.30	3.60	3.34	

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

FARM WAGE RATES BY TYPES OF WORK, JANUARY 7-13, 1979, BY STATES, STANDARD FEDERAL REGIONS, AND UNITED STATES

STATE AND REGION	FARM WAGE RATES - TYPE OF WORK PERFORMED					
	FIELD WORKERS	LIVESTOCK WORKERS	PACKING-HOUSE WORKERS	MACHINE OPERATORS	SUPERVISORS	OTHER AGRICULTURAL WORKERS
DOLLARS PER HOUR						
REGION I 1/	3.21	2.65	3.31	2/	4.71	2/
N J	3.17	2.90	3.00	2/	5.50	3.68
N Y	3.15	2.45	3.16	2/	2/	2/
REGION II	3.16	2.47	3.16	3.70	5.08	3.88
DEL	2/	2/	2/	3.30	2/	2/
MD	2/	2/	2/	2/	2/	2/
PA	3.49	2.82	2/	2/	5.20	2/
VA	2.90	2.83	2/	2/	3.97	3.41
W VA	2.78	2.39	2/	2/	2/	2/
REGION III	3.17	2.81	3.00	3.56	4.71	3.81
ALA	3.01	2.85	2/	2.94	5.00	2/
FLA	3.54	3.51	3.36	3.73	5.62	4.52
GA	2.70	2.80	2.85	2.89	2/	2/
KY	2.64	3.02	2/	3.45	6.00	2/
MISS	2.63	2.62	3.00	3.06	6.25	3.70
N C	2.92	2.82	2/	2/	2/	3.75
S C	2.98	2.79	2/	3.04	2/	2/
TENN	2.80	2.80	2/	2.90	2/	2/
REGION IV	3.23	2.86	2.96	3.35	5.51	4.06
ILL	3.50	3.50	2/	3.68	2/	2/
IND	2/	3.07	2/	3.75	2/	3.90
MICH	3.30	3.00	3.50	2/	2/	2/
MINN	2/	2.80	2/	2/	2/	2/
OHIO	3.15	2.95	2/	2/	5.20	2/
WIS	2/	2/	2/	2/	2/	2/
REGION V	3.17	2.84	3.20	3.67	5.32	3.73
ARK	3.00	2.90	2.95	3.20	2/	2/
LA	3.00	3.20	3.37	3.10	2/	3.79
N MEX	2.59	2.67	2/	2.88	4.75	2/
OKLA	3.20	3.21	2/	2/	4.57	2/
TEX	3.04	2.72	3.27	3.14	4.67	2/
REGION VI	2.98	2.81	3.18	3.15	4.73	3.68
IOWA	3.00	3.15	2/	3.37	2/	2/
KANS	3.20	3.20	2/	4.15	2/	3.63
MO	2/	2.85	2/	3.07	2/	2/
NEBR	2/	2.99	2/	2/	2/	2/
REGION VII	3.13	3.07	3.50	3.58	5.22	3.47
COLO	3.53	3.20	2/	2/	5.75	4.00
MONT	2/	2.44	2/	2/	4.00	2/
N DAK	2/	3.10	2/	3.71	2/	4.20
S DAK	2.36	2.45	2/	2/	2/	3.15
UTAH	2/	2.81	2/	2/	4.50	3.24
WYO	2.82	2.49	2/	3.25	4.30	2/
REGION VIII	3.02	2.69	2.95	3.62	4.64	3.36
ARIZ	2.98	2.80	2/	3.61	5.42	2/
CALIF	3.68	3.53	3.95	3.90	5.82	5.16
NEV	2.40	2.75	2/	2/	2/	2.94
REGION IX	3.65	3.44	3.92	3.87	5.79	5.10
IDAHO	3.54	3.17	2/	4.10	2/	2/
OREG	3.00	2.82	2/	3.80	5.75	2/
WASH	3.71	3.85	2/	2/	5.95	4.51
REGION X	3.27	3.39	3.36	4.14	5.70	4.43
U S	3.40	2.89	3.15	3.55	5.29	4.01

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

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

EMPLOYEES PER FARM	JAN 8-14, 1978	OCT 8-14, 1978	JAN 7-13, 1979
PERCENT OF TOTAL HIRED WORKERS			
1 WORKER	20	16	18
2 WORKERS	14	15	15
3-4 WORKERS	16	17	18
5-8 WORKERS	12	13	12
9 AND OVER WORKERS	38	39	37

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

PERQUISITE RECEIVED	JAN 8-14, 1978	OCT 8-14, 1978	JAN 7-13, 1979
PERCENT OF TOTAL HIRED WORKERS			
ROOM AND BOARD	13	11	13
HOUSING	21	15	21
MEALS OR FOOD	3	7	5
OTHER	13	9	10
TOTAL RECEIVING PERQUISITES <sup>1/</sup>	50	42	49

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

PERQUISITE RECEIVED	JAN 8-14, 1978	OCT 8-14, 1978	JAN 7-13, 1979
DOLLARS PER HOUR			
ROOM AND BOARD	2.21	2.36	2.40
HOUSING	2.93	3.06	3.20
MEALS AND OTHER	2.71	2.93	3.10
OTHER	3.68	3.60	3.90
CASH WAGES ONLY	3.40	3.34	3.60

<sup>1/</sup> SUMMATION OF PERCENTAGES RECEIVING ROOM AND BOARD, HOUSING, MEALS OR FOOD, AND OTHER PERQUISITES. <sup>2/</sup> WAGE RATES DO NOT INCLUDE VALUE OF PERQUISITES.



### HAWAII FARM LABOR

Workers on Hawaii farms numbered 12.8 thousand during the week of January 7-13, 1979. This was a decrease of 4.4 thousand workers from the previous survey conducted in October 1978. Hired workers numbered 9.2 thousand while farm operators and unpaid family members working 15 hours or more accounted for 3.6 thousand.

All hired workers received a wage rate of \$4.82 per hour, an increase of 9 cents from the October survey period.

Operators and unpaid family members worked an average of 25.9 hours during the survey week. Hired workers averaged 37.3 hours.

HAWAII FARM WAGE RATES BY METHOD OF PAY AND TYPE OF WORK,  
JANUARY 7-13, 1979, WITH COMPARISONS

METHOD OF PAY	DOLLARS PER HOUR				
	1977 ANNUAL AVERAGE	1978 ANNUAL AVERAGE	JAN 8-14, 1978	OCT 8-14, 1978	JAN 7-13, 1979
ALL HIRED FARM WORKERS	4.43	4.87	4.90	4.73	4.82
PAID BY OTHER THAN PIECE-RATE			4.92	4.77	4.89
PAID BY HOUR ONLY			4.90	4.58	4.66
PAID BY HOUR CASH WAGES ONLY	3.18	3.30	3.02	3.09	3.56
FIELD WORKERS		4.22	4.21	4.19	4.22
LIVESTOCK WORKERS		3.84	3.67	3.90	4.00
MACHINE OPERATORS			5.25	5.36	5.59
SUPERVISORS			7.00	6.64	7.05

AGRICULTURAL SERVICE FIRMS: NUMBER OF HIRED WORKERS, AVERAGE HOURS WORKED FOR ALL HIRED WORKERS,  
WAGE RATE BY TYPE OF WORK, JANUARY 7-13, 1979, WITH COMPARISONS, FOR CALIFORNIA, FLORIDA,  
AND UNITED STATES 1/

ITEM	OCT 8-14, 1978			JAN 7-13, 1979		
	CALIF	FLA	U S	CALIF	FLA	U S
NUMBER OF WORKERS (000)						
ALL HIRED	37	5	63.0	24	24	55.0
AVERAGE HOURS WORKED						
ALL HIRED WORKERS	34.9	35.0	5/	29.7	32.8	5/
WAGE RATES (DOLLARS AND CENTS)						
BY TYPE OF WORKERS						
ALL HIRED	4.08	3.45	5/	4.50	4.11	5/
PIECE-RATE	4.49	3.45	5/	4.75	4.39	5/
OTHER THAN PIECE-RATE	3.85	3.45	5/	4.36	3.28	5/
HOUR ONLY 2/	3.61	3.26	5/	3.82	3.30	5/
CASH ONLY 3/	4.09	6/	5/	4.54	4.26	5/
PER HOUR CASH ONLY 4/	3.60	3.13	5/	3.77	3.53	5/
FIELD	3.80	3.24	5/	4.27	3.95	5/
MACHINE OPERATORS	4.58	6/	5/	4.82	4.08	5/
SUPERVISORS	5.10	6/	5/	5.81	6/	5/

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

