

FARM LABOR



Crop
Reporting
Board

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WORKERS ON FARMS 1 PERCENT FEWER THAN LAST YEAR

Workers on farms in the United States during the week of July 11-17 totaled 5,474,100, a decrease of 1 percent from last year. Farm operators plus unpaid family members working 15 hours or more during the survey week were estimated at 3,382,700 while the hired worker force accounted for 2,091,400. Field and livestock workers estimated at 1,595,800 made up 76 percent of the hired work force.

All family workers averaged 37.5 hours of work during the survey week compared to 39.1 a year ago. Farm operators also averaged 37.5 hours while unpaid family workers put in 37.3 hours. Hired workers averaged 35.1 hours compared with 34.9 hours in July 1975.

WAGE RATES ABOVE A YEAR AGO

Wage rates for all methods of pay converted to an hourly rate averaged \$2.53 during the survey week. Last year the average was \$2.29 per hour. Hourly workers receiving only cash wages averaged \$2.52 per hour or 21 cents more than a year ago. Wages for field and livestock workers averaged \$2.37, up 23 cents from July 1975.

WEATHER FAVORABLE FOR FIELD WORK

Harvest of the Nation's winter wheat crop advanced with combining started in Oregon and Washington and mostly completed in Texas, Oklahoma and Kansas. Oklahoma farmers made good headway plowing and disking wheat stubble. Spring wheat harvest was beginning in Minnesota and North Dakota.

Texas farmers finished planting. Rain stopped harvesting and heads began sprouting in southern and central Texas.

The tobacco crop in major producing States was in good condition but required irrigation in some areas. In North Carolina, flue-cured harvest advanced.

Peach harvest neared completion in Georgia and was nearly 3/4 harvested in South Carolina. Peach harvests were also active in Virginia, Maryland and New Jersey. Early variety apple harvest continued in Virginia and Maryland. Tart cherry picking was underway in New York and Wisconsin and neared peak volume in Michigan, Oregon and Washington. Citrus harvest continued in California and Arizona.

Summer vegetable harvests were active Nationwide. In Florida, growers prepared land for fall vegetable crops. Rains in Texas slowed vegetable harvests and damaged some crops. In California, broccoli, cauliflower, celery, lettuce, tomatoes and peppers moved to fresh markets.

Some producers fed supplemental hay in most of the Western North Central States, some of the Mountain States and California. Most livestock was in good condition, but cattlemen culled closely in the Dakotas and 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 list frame is assembled from various sources and consists of employers of agricultural labor. A random stratified sample is selected from this list for each of the quarterly surveys. Employers expected to have large numbers of workers are sampled more heavily than those with fewer workers.

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

The survey methodology used for agricultural labor estimates is used extensively by SRS in a variety of estimating programs. It has proved to be a most efficient method of compiling reliable agricultural statistics.

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, followup interviews, questionnaire design and testing, and comprehensive edit procedures.

The standard error is primarily a measure of sampling variability; that is of 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 July 11-17, 1976 is 2.8 percent at the National level. In terms of numbers, the standard error is 58,600 out of a total of 2,091,400 workers. Chances are roughly two out of three that the complete coverage value would lie between 2,032,800 and 2,150,000 workers. The relative standard error of the estimate of hired workers by regions ranges from 5.2 percent in Standard Federal Region 4 to 15.2 in Region 3.

FARM EMPLOYMENT AND INDEXES, JULY 1976, WITH COMPARISONS, UNITED STATES

ITEM	ANNUAL AVERAGE 1974	ANNUAL AVERAGE 1975	JUL 6-12, 1975	APR 11-17, 1976	JUL 11-17, 1976
FARM EMPLOYMENT (THOUSANDS)					
TOTAL	4,388.9	4,357.1	5,510.7	4,242.9	5,474.1
FAMILY LABOR	3,074.7	3,033.5	3,523.2	3,045.2	3,382.7
HIRED LABOR	1,314.2	1,323.6	1,987.5	1,197.7	2,091.4
INDEXES 1/ (1910-14=100)					
TOTAL	32	32	32	34	32
FAMILY LABOR	31	30	30	31	29
HIRED LABOR	35	36	34	41	36
(1967=100)					
TOTAL	89	89	85	92	86
FAMILY LABOR	86	83	83	86	81
HIRED LABOR	92	95	89	108	95

1/ INDEXES ARE ADJUSTED FOR SEASONAL VARIATION.

FARM WAGE RATES, JULY 1976, WITH COMPARISONS, UNITED STATES

ITEM	ANNUAL AVERAGE 1974	ANNUAL AVERAGE 1975	JUL 6-12, 1975	APR 11-17, 1976	JUL 11-17, 1976
	DOLLARS PER HOUR				
METHOD OF PAY:					
ALL HIRED FARM WORKERS	2.25	2.43	2.29	2.66	2.53
PAID BY PIECE-RATE	2.58	2.96	2.68	3.32	2.94
PAID BY OTHER THAN PIECE-RATE	2.21	2.38	2.25	2.63	2.48
PAID BY HOUR ONLY 1/	2.23	2.39	2.28	2.59	2.50
PAID CASH WAGES ONLY 2/	2.43	2.60	2.39	2.81	2.65
PAID BY HOUR CASH WAGES ONLY 3/	2.32	2.45	2.31	2.64	2.52
TYPE OF WORK PERFORMED:					
FIELD AND LIVESTOCK WORKERS	2.08	2.26	2.14	2.47	2.37
PACKINGHOUSE WORKERS	2.41	2.52	2.42	2.84	2.73
MACHINE OPERATORS	2.25	2.50	2.39	2.66	2.66
MAINTENANCE AND BOOKKEEPING	2.85	3.15	2.99	3.48	3.39
SUPERVISORS	3.77	4.00	3.94	4.42	4.31
OTHER AGRICULTURAL WORKERS	2.40	2.76	2.77	2.83	2.76
INDEXES 4/ (1910-14=100)	1,492	1,612	1,628	1,769	1,804
(1967=100)	176	190	192	209	213

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

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

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

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

WORKERS ON FARMS, JULY 11-17, 1976 WITH COMPARISONS

STATE AND REGION	JUL 6-12, 1975 1/			APR 11-17, 1976 1/			JUL 11-17, 1976		
	TOTAL	FAMILY	HIRED	TOTAL	FAMILY	HIRED	TOTAL	FAMILY	HIRED
THOUSANDS									
REGION I 2/	93	56	37	67	36	31	93	56	37
N J	30	10	20	18	10	8.0	34	12	22
N Y	129	86	43	112	83	29	130	91	39
REGION II	159	96	63	130	93	37	164	103	61
DEL	7.3	4.4	2.9	7.5	5.0	2.5	6.9	4.0	2.9
MD	36	22	14	35	24	11	39	23	16
PA	161	115	46	129	89	40	165	120	45
VA	120	78	42	72	48	24	125	66	59
W VA	57.3	53	4.3	38.5	35	3.5	48.5	39	9.5
REGION III	381.6	272.4	109.2	282.0	201	81.0	384.4	252	132.4
ALA	110	75	35	94	70	24	108	75	33
FLA	89	34	55	99	36	63	89	31	58
GA	128	67	61	90	60	30	132	72	60
KY	162	134	28	139	117	22	168	127	41
MISS	111	72	39	87	55	32	128	76	52
N C	272	136	136	176	121	55	342	142	200
S C	126	60	66	67	37	30	118	50	68
TENN	166	141	25	150	132	18	165	135	30
REGION IV	1,164	719	445	902	628	274	1,250	708	542
ILL	195	135	60	161	134	27	196	126	70
IND	162	109	53	114	94	20	141	108	33
MICH	149	105	44	102	81	21	146	102	44
MINN	274	186	88	225	190	35	252	182	70
OHIO	190	139	51	161	126	35	193	145	48
WIS	261	189	72	195	155	40	228	166	62
REGION V	1,231	863	368	958	780	178	1,156	829	327
ARK	117	76	41	95	70	25	122	80	42
LA	76	54	22	74	44	30	72	49	23
N MEX	30	20	10	27	18	9.0	31	21	10
OKLA	124	98	26	99	86	13	129	92	37
TEX	301	194	107	264	171	93	273	175	98
REGION VI	648	442	206	559	389	170	627	417	210
IOWA	265	200	65	218	176	42	280	204	76
KANS	128	90	38	98	79	19	116	85	31
MO	259	208	51	214	193	21	213	168	45
NEBR	155	112	43	113	96	17	138	107	31
REGION VII	807	610	197	643	544	99	747	564	183
COLO	73	50	23	52	37	15	72	51	21
MONT	41	26	15	34	25	9.0	39	27	12
N DAK	77	63	14	64	56	8.0	80	59	21
S DAK	94	74	20	76	66	10	77	63	14
UTAH	31	20	11	22	16	6.0	29	19	10
WYO	22	11	11	15	9.0	6.0	20	12	8.0
REGION VIII	338	244	94	263	209	54	317	231	86
ARIZ	23	9.0	14	22	9.0	13	23.5	8.5	15
CALIF	381	81	300	263	65	198	388	81	307
NEV	6.1	3.8	2.3	5.9	3.2	2.7	6.2	3.2	3.0
REGION IX	410.1	93.8	316.3	290.9	77.2	213.7	417.7	92.7	325
IDAHO	58	30	28	36	21	15	69	36	33
OREG	97	45	52	50	33	17	92	45	47
WASH	124	52	72	62	34	28	157	49	108
REGION X	279	127	152	148	88	60	318	130	188
U S	5,510.7	3,523.2	1,987.5	4,242.9	3,045.2	1,197.7	5,474.1	3,382.7	2,091.4

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

HIRED WORKERS ON FARMS, BY TYPE OF WORK,
JULY 11-17, 1976 WITH COMPARISONS

STATE AND REGION	JUL 6-12, 1975			APR 11-17, 1976			JUL 11-17, 1976		
	FIELD AND LIVESTOCK	OTHER	TOTAL	FIELD AND LIVESTOCK	OTHER	TOTAL	FIELD AND LIVESTOCK	OTHER	TOTAL
THOUSANDS									
REGION I 1/	29	8.0	37	20	11	31	28	9.0	37
N J	13	7.0	20	5.0	3.0	8.0	15	7.0	22
N Y	35	8.0	43	24	5.0	29	32	7.0	39
REGION II	48	15	63	29	8.0	37	47	14	61
DEL	1.7	1.2	2.9	1.4	1.1	2.5	2.0	.9	2.9
MD	11	3.0	14	9.0	2.0	11	11	5.0	16
PA	35	11	46	31	9.0	40	36	9.0	45
VA	35	7.0	42	14	10	24	51	8.0	59
W VA	3.9	.4	4.3	3.1	.4	3.5	7.5	2.0	9.5
REGION III	86.6	22.6	109.2	58.5	22.5	81.0	107.5	24.9	132.4
ALA	25	10	35	14	10	24	23	10	33
FLA	38	17	55	42	21	63	38	20	58
GA	51	10	61	19	11	30	47	13	60
KY	23	5.0	28	18	4.0	22	33	8.0	41
MISS	20	19	39	13	19	32	30	22	52
N C	120	16	136	40	15	55	180	20	200
S C	44	22	66	20	10	30	44	24	68
TENN	16	9.0	25	10	8.0	18	22	8.0	30
REGION IV	337	108	445	176	98	274	417	125	542
ILL	55	5.0	60	18	9.0	27	60	10	70
IND	48	5.0	53	14	6.0	20	26	7.0	33
MICH	39	5.0	44	15	6.0	21	38	6.0	44
MINN	68	20	88	25	10	35	59	11	70
OHIO	40	11	51	30	5.0	35	34	14	48
WIS	61	11	72	30	10	40	47	15	62
REGION V	311	57	368	132	46	178	264	63	327
ARK	25	16	41	9.0	16	25	23	19	42
LA	12	10	22	17	13	30	13	10	23
N MEX	6.3	3.7	10	6.0	3.0	9.0	7.0	3.0	10
OKLA	14	12	26	11	2.0	13	25	12	37
TEX	68	39	107	55	38	93	66	32	98
REGION VI	125.3	80.7	206	98	72	170	134	76	210
IOWA	60	5.0	65	31	11	42	66	10	76
KANS	24	14	38	14	5.0	19	21	10	31
MO	43	8.0	51	16	5.0	21	37	8.0	45
NEBR	35	8.0	43	12	5.0	17	24	7.0	31
REGION VII	162	35	197	73	26	99	148	35	183
COLO	15	8.0	23	9.0	6.0	15	13	8.0	21
MONT	11	4.0	15	7.0	2.0	9.0	8.0	4.0	12
N DAK	7.0	7.0	14	4.0	4.0	8.0	12	9.0	21
S DAK	19	1.0	20	8.0	2.0	10	10	4.0	14
UTAH	9.5	1.5	11	4.0	2.0	6.0	8.0	2.0	10
WYO	9.0	2.0	11	5.0	1.0	6.0	6.0	2.0	8.0
REGION VIII	70.5	23.5	94	37	17	54	57	29	86
ARIZ	8.4	5.6	14	8.1	4.9	13	9.0	6.0	15
CALIF	226	74	300	145	53	198	226	81	307
NEV	1.6	.7	2.3	2.0	.7	2.7	2.3	.7	3.0
REGION IX	236.0	80.3	316.3	155.1	58.6	213.7	237.3	87.7	325
IDAHO	22	6.0	28	10	5.0	15	26	7.0	33
OREG	45	7.0	52	12	5.0	17	40	7.0	47
WASH	61	11	72	19	9.0	28	90	18	108
REGION X	128	24	152	41	19	60	156	32	188
U S	1,533.4	454.1	1,987.5	819.6	378.1	1,197.7	1,595.8	495.6	2,091.4

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

HOURS WORKED PER WORKER, JULY 1975 AND APRIL 1976 (REVISED)

STATE AND REGION	JUL 6-12, 1975				APR 11-17, 1976			
	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/	38.6	34.4	37.2	38.2	43.5	32.0	40.6	37.6
N J	43.6	40.7	42.7	36.8	45.2	35.1	41.3	40.5
N Y	47.5	34.0	41.4	38.3	45.7	32.3	40.1	38.7
REGION II	47.1	34.4	41.5	37.8	45.7	32.6	40.3	39.1
DEL	36.1	34.5	35.6	39.4	37.6	41.3	39.1	40.1
MD	37.7	33.9	37.0	38.1	32.2	32.9	32.4	32.8
PA	49.0	49.6	49.3	32.5	42.2	40.0	41.5	38.2
VA	32.0	37.1	33.3	34.0	28.1	31.6	29.0	30.3
W VA	27.2	30.8	28.4	25.7	24.8	22.7	24.1	26.0
REGION III	37.8	42.6	39.5	33.8	34.4	34.3	34.3	34.6
ALA	20.3	29.0	22.9	28.6	21.9	30.1	23.6	36.4
FLA	24.4	31.0	25.6	32.8	33.1	26.9	31.5	36.5
GA	29.4	36.4	31.0	25.3	35.5	27.9	34.5	33.6
KY	34.0	34.3	34.1	27.3	27.4	31.2	28.5	31.5
MISS	22.0	30.8	23.6	29.4	22.8	30.6	23.8	41.2
N C	27.7	33.4	29.7	21.9	27.0	31.2	28.1	20.3
S C	30.0	29.9	29.9	29.8	31.3	31.6	31.4	40.1
TENN	23.2	29.3	24.6	29.2	22.9	27.7	23.7	28.1
REGION IV	26.3	31.9	27.9	26.8	26.3	30.1	27.2	33.0
ILL	38.3	43.6	39.6	20.9	46.0	40.9	44.9	36.0
IND	40.6	36.1	39.1	29.5	36.4	36.8	36.5	33.3
MICH	39.7	34.6	37.7	36.2	33.1	34.2	33.4	33.7
MINN	57.9	44.5	52.7	33.6	52.5	39.1	46.8	29.8
OHIO	31.0	39.1	33.9	31.9	34.5	30.6	33.5	34.5
WIS	53.6	44.2	49.2	30.8	48.0	32.5	40.5	38.6
REGION V	44.4	41.2	43.2	30.5	43.0	35.5	40.4	34.2
ARK	32.4	45.3	35.3	35.8	32.5	35.8	33.4	44.3
LA	25.6	37.7	26.7	35.0	31.4	36.7	32.4	38.5
N MEX	48.2	37.6	43.1	42.4	39.0	34.0	37.2	46.3
OKLA	35.5	38.7	36.3	36.9	29.5	32.0	30.1	35.0
TEX	30.2	38.0	31.8	40.1	27.7	34.6	29.1	35.2
REGION VI	31.8	38.6	33.5	38.4	29.8	34.4	30.8	37.7
IOWA	49.4	38.5	44.7	28.0	50.2	33.1	44.5	37.5
KANS	49.6	39.1	46.3	47.6	38.7	34.1	37.6	34.8
MO	36.9	39.2	37.8	29.5	31.3	26.8	29.6	38.4
NEBR	66.1	51.8	60.8	39.4	49.5	44.5	47.7	30.2
REGION VII	48.4	41.0	45.5	33.6	41.9	32.8	38.8	35.9
COLO	53.0	52.3	52.7	46.7	47.0	32.2	42.0	45.0
MONT	59.9	49.5	56.0	55.6	53.6	51.6	52.7	51.3
N DAK	58.2	41.9	50.2	46.5	51.5	31.9	42.8	45.0
S DAK	53.5	40.8	48.2	45.0	56.0	39.5	49.1	45.7
UTAH	48.2	42.4	46.1	35.7	40.6	26.5	37.6	25.7
WYO	61.1	49.0	55.6	49.3	48.9	39.9	46.0	51.4
REGION VIII	55.1	44.4	50.5	46.4	51.0	37.8	45.7	44.8
ARIZ	42.1	28.6	33.3	48.7	37.7	26.9	31.6	46.7
CALIF	44.3	31.4	40.0	45.3	33.3	30.8	32.6	42.6
NEV	64.5	46.6	59.8	51.9	49.9	41.9	46.9	48.5
REGION IX	45.5	31.5	40.4	45.5	34.2	30.5	33.1	42.9
IDAHO	55.1	35.1	47.2	50.1	42.9	41.5	42.5	49.4
OREG	30.4	41.1	34.4	36.7	30.8	31.6	31.0	35.1
WASH	43.0	34.0	40.2	33.9	37.6	34.0	37.1	40.5
REGION X	41.3	37.0	39.7	37.9	36.2	35.7	36.1	41.1
U S	39.2	38.9	39.1	34.9	36.8	33.9	35.9	37.2

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

JUL 11-17, 1976

STATE AND REGION	FARM OPERATOR	OTHER UNPAID FAMILY MEMBERS 1/	ALL FAMILY 1/	HIRED WORKERS
HOURS				
REGION I 2/	36.6	36.1	36.4	37.4
N J	46.5	41.5	44.3	41.3
N Y	48.6	39.1	43.7	37.9
REGION II	48.3	39.4	43.8	39.2
DEL	39.4	35.7	38.5	35.3
MD	35.1	32.1	34.1	37.5
PA	47.7	42.6	45.5	43.6
VA	32.6	36.0	33.4	23.9
W VA	24.0	31.5	26.5	29.2
REGION III	37.9	38.8	38.2	32.7
ALA	23.5	25.3	23.9	31.8
FLA	25.4	32.8	26.9	36.3
GA	30.8	27.5	30.0	27.9
KY	29.4	31.1	29.8	24.5
MISS	24.9	32.0	26.5	35.4
N C	30.4	35.1	32.0	18.6
S C	35.0	34.9	35.0	37.1
TENN	23.7	34.7	26.4	29.0
REGION IV	27.6	32.3	28.8	26.4
ILL	38.6	36.3	37.9	26.6
IND	32.0	32.3	32.1	31.0
MICH	42.6	36.4	39.6	34.4
MINN	49.2	38.9	44.7	35.8
OHIO	29.3	31.9	30.1	26.8
WIS	52.5	37.9	46.2	37.9
REGION V	41.0	36.2	39.1	32.1
ARK	26.5	36.4	29.2	40.2
LA	24.5	29.5	25.5	38.2
N MEX	43.0	35.8	39.9	44.0
OKLA	35.6	35.7	35.7	40.9
TEX	29.0	38.7	30.9	41.7
REGION VI	29.9	36.2	31.5	41.0
IOWA	47.8	39.6	44.2	26.5
KANS	54.8	46.4	51.8	48.6
MO	30.2	34.1	31.3	31.3
NEBR	58.0	46.4	53.9	44.6
REGION VII	44.9	40.6	43.3	34.3
COLO	47.4	39.2	43.8	45.7
MONT	57.3	45.5	52.7	52.1
N DAK	51.2	43.2	47.5	48.0
S DAK	54.1	44.3	50.3	42.0
UTAH	47.4	40.0	44.6	33.0
WYO	57.5	42.5	49.2	50.0
REGION VIII	52.0	42.5	48.0	45.4
ARIZ	45.5	25.8	33.7	48.1
CALIF	35.4	38.5	36.1	45.1
NEV	48.8	46.5	48.1	56.9
REGION IX	36.0	36.4	36.1	45.3
IDAHO	58.5	39.3	50.2	47.2
OREG	32.9	33.5	33.1	32.9
WASH	40.0	39.2	39.8	36.0
REGION X	41.9	37.2	40.4	37.1
U S	37.5	37.3	37.5	35.1

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

FARM WAGE RATES BY METHOD OF PAY, JULY 6-12, 1975 BY STATES,
STANDARD FEDERAL REGIONS AND UNITED STATES (REVISED)

STATE AND REGION	ALL HIRED FARM WORKERS	FARM WAGE RATES - METHOD OF PAY				
		BY PIECE	BY RATE	BY OTHER THAN PIECE	BY HOUR ONLY	BY CASH WAGES ONLY
DOLLARS PER HOUR						
REGION I 1/	2.21	2/	2.21	2.39	2.39	2.38
N J	2.78	2.18	2.84	2.63	2.54	2.45
N Y	2.20	1.80	2.23	2.43	2.64	2.48
REGION II	2.41	1.97	2.44	2.52	2.61	2.47
DEL	2.35		2.35	2.47	2.65	2.50
MD	2.19	2/	2.17	2.18	2.57	2.22
PA	2.26	2.00	2.27	2.34	2.47	2.36
VA	2.12	2.03	2.15	2.21	2.16	2.22
W VA	2.13	2/	2.13	2.02	2.35	2.14
REGION III	2.19	2.04	2.21	2.26	2.31	2.29
ALA	2.03	2.77	1.98	1.85	2.06	1.84
FLA	2.64	3.32	2.59	2.41	2.68	2.42
GA	1.89	2.35	1.87	1.85	2.00	1.83
KY	2.03	2/	2.02	2.02	2.17	2.40
MISS	2.00	2.70	1.98	1.93	2.07	1.97
N C	1.94	2.36	1.93	1.96	1.94	1.96
S C	1.99	2.28	1.98	1.86	2.11	1.83
TENN	1.94	2.58	1.90	2.05	2.12	2.13
REGION IV	2.04	2.55	2.02	2.00	2.12	2.01
ILL	2.28	3.06	2.26	2.38	2.53	2.50
IND	2.28	2.99	2.22	2.21	2.34	2.21
MICH	2.30	2.30	2.30	2.17	2.29	2.22
MINN	2.04	2.99	1.97	2.13	2.31	2.40
OHIO	2.27	2.83	2.23	2.32	2.39	2.34
WIS	2.17	2.90	2.09	2.21	2.50	2.41
REGION V	2.21	2.86	2.16	2.23	2.39	2.35
ARK	2.11	2.21	2.10	2.10	2.07	2.00
LA	2.26	1.95	2.27	2.22	2.33	2.30
N MEX	1.93	2/	1.92	1.86	2.04	1.85
OKLA	2.41	3.45	2.25	2.33	2.40	2.14
TEX	2.08	3.42	2.04	1.93	2.12	1.94
REGION VI	2.13	2.87	2.10	2.04	2.16	2.00
IOWA	2.30	2/	2.29	2.30	2.37	2.27
KANS	2.57	3.56	2.55	2.37	2.75	2.51
MO	2.21	3.21	2.15	2.35	2.40	2.13
NEBR	2.06	2.40	2.01	2.34	2.35	2.12
REGION VII	2.27	2.99	2.23	2.32	2.43	2.28
COLO	2.36	3.41	2.29	2.20	2.45	2.22
MONT	1.89	2/	1.89	2.44	2.43	2.40
N DAK	2.63	3.75	2.17	2.66	2.85	2.64
S DAK	2.01	2.50	1.96	2.03	2.17	2.16
UTAH	2.42	3.40	2.22	2.23	2.69	2.23
WYO	2.20	2.63	2.02	2.52	2.62	2.73
REGION VIII	2.25	3.15	2.10	2.28	2.51	2.34
ARIZ	2.31	2.80	2.28	2.23	2.30	2.22
CALIF	2.80	3.22	2.76	2.62	2.77	2.60
NEV	2.04	2/	2.02	2.30	2.54	2.56
REGION IX	2.77	3.21	2.73	2.61	2.75	2.58
IDAHO	2.53	2.50	2.53	2.54	2.49	2.55
OREG	2.23	1.55	2.45	2.41	1.99	2.37
WASH	2.72	2.80	2.66	2.71	2.69	2.73
REGION X	2.52	2.28	2.56	2.57	2.37	2.57
U S	2.29	2.68	2.25	2.28	2.39	2.31

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

FARM WAGE RATES BY TYPE OF WORK, JULY 6-12, 1975 BY STATES,
STANDARD FEDERAL REGIONS AND UNITED STATES (REVISED)

STATE AND REGION	FARM WAGE RATES - TYPE OF WORK PERFORMED				
	FIELD AND LIVESTOCK WORKERS	PACKINGHOUSE WORKERS	MACHINE OPERATORS	MAINTENANCE AND BOOK- KEEPING WORKERS	SUPERVISORS
	DOLLARS PER HOUR				
REGION I 1/	2.05	2.07	2.25	2.99	3.39
N J	2.27	2.42	2/	2/	4.68
N Y	2.00	2/	2/	2.80	4.61
REGION II	2.08	2.50	2.71	3.19	4.64
DEL	2.01	2/	2.65	2/	2/
MD	2.00	2/	2.83	2/	2/
PA	2.07	2.52	2.34	2.80	3.84
VA	2.05	2/	2.25	2.79	3.23
W VA	2.02	2/	2/	2/	3.37
REGION III	2.05	2.47	2.40	2.83	3.72
ALA	1.78	2/	2.31	2/	2/
FLA	2.38	2.46	2.62	3.17	4.08
GA	1.77	2/	2.09	2/	3.56
KY	1.97	2/	2/	2/	2/
MISS	1.76	2/	1.98	2.69	3.26
N C	1.92	1.93	1.79	2.83	3.51
S C	1.82	2.08	2.15	2/	3.96
TENN	1.76	2/	2.04	2/	2/
REGION IV	1.91	2.09	2.10	3.01	3.82
ILL	2.20	2/	2.38	2/	4.31
IND	2.15	2.72	2.31	3.26	4.69
MICH	2.20	2.31	2.34	2/	2/
MINN	1.89	2/	2.34	2.90	4.60
OHIO	2.12	2.24	2.67	2/	4.16
WIS	2.04	2/	2.28	2/	2/
REGION V	2.09	2.35	2.34	2.86	4.23
ARK	1.90	2/	2.24	2.75	3.60
LA	1.99	2/	2.33	2.59	3.97
N MEX	1.77	2/	2.03	2.33	2/
OKLA	2.24	2/	2.49	2.80	2/
TEX	1.90	2.25	2.20	2.66	3.23
REGION VI	1.93	2.19	2.25	2.70	3.39
IOWA	2.17	2/	2.65	2/	2/
KANS	2.53	2/	2.46	2.53	3.90
MO	2.19	2/	2.09	2/	2/
NEBR	2.00	2/	2.30	2/	2/
REGION VII	2.17	2.31	2.40	2.64	4.04
COLO	1.98	2/	2.99	2.74	3.64
MONT	1.78	2/	2.15	2/	2/
N DAK	2.50	2/	2.66	2/	2/
S DAK	1.89	2/	2.11	2/	2/
UTAH	2.40	2/	2/	2/	2.97
WYO	2.20	2/	2.60	2/	2/
REGION VIII	2.07	2.30	2.67	2.69	3.63
ARIZ	2.11	2.02	2.31	3.07	3.83
CALIF	2.59	2.88	3.01	3.50	4.30
NEV	1.84	2.83	2.19	2/	3.55
REGION IX	2.57	2.83	2.93	3.47	4.27
IDAHO	2.42	2/	2.76	2/	3.35
OREG	1.93	2/	2.58	3.18	3.78
WASH	2.65	2.75	2.94	3.05	3.75
REGION X	2.35	2.56	2.78	3.10	3.66
U S	2.14	2.42	2.39	2.99	3.94

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

FARM WAGE RATES BY METHOD OF PAY, APRIL 11-17, 1976 BY STATES,
STANDARD FEDERAL REGIONS AND UNITED STATES (REVISED)

STATE AND REGION	ALL HIRED FARM WORKERS	FARM WAGE RATES - METHOD OF PAY				
		BY PIECE-RATE	BY OTHER THAN PIECE-RATE	BY HOUR ONLY	BY CASH WAGES ONLY	BY HOUR RECEIVING CASH WAGES ONLY
DOLLARS PER HOUR						
REGION I 1/	2.68	2/	2.68	2.74	2.79	2.69
N J	2.71	2/	2.71	2.65	2.87	2.72
N Y	2.37	2/	2.37	2.34	2.66	2.37
REGION II	2.44	2.98	2.44	2.42	2.71	2.45
DEL	2.51		2.51	2.51	2.86	2.68
MD	2.43	2/	2.42	2.57	2.87	2.80
PA	2.47	2/	2.46	2.52	2.85	2.76
VA	2.47	3.20	2.46	2.50	2.65	2.55
W VA	2.09	2/	2.09	2.21	2.45	2.33
REGION III	2.45	2.97	2.44	2.51	2.77	2.68
ALA	2.55	2/	2.55	2.57	2.88	2.61
FLA	3.01	3.58	2.89	2.70	2.99	2.67
GA	2.38	2/	2.38	2.46	2.52	2.49
KY	2.38	2/	2.38	2.41	2.55	2.39
MISS	2.35	2/	2.35	2.20	2.45	2.41
N C	2.23	2/	2.23	2.13	2.25	2.17
S C	2.27	2/	2.27	2.17	2.46	2.19
TENN	2.11	3.40	2.09	2.07	2.20	2.27
REGION IV	2.47	3.44	2.42	2.36	2.58	2.41
ILL	2.68	2/	2.67	2.70	3.01	2.86
IND	2.79	2/	2.77	2.88	3.06	2.91
MICH	2.60	2.89	2.58	2.52	2.64	2.57
MINN	2.69	2/	2.65	3.03	3.03	2.82
OHIO	2.73	2/	2.73	2.78	2.50	2.67
WIS	2.56		2.56	2.65	2.83	2.65
REGION V	2.67	3.38	2.66	2.76	2.82	2.74
ARK	2.32	2/	2.31	2.22	2.55	2.38
LA	2.31	2.01	2.37	2.33	2.25	2.32
N MEX	2.35	2/	2.33	2.17	2.59	2.32
OKLA	2.41	2/	2.41	2.43	2.55	2.47
TEX	2.38	2/	2.38	2.20	2.37	2.24
REGION VI	2.36	2.18	2.37	2.25	2.40	2.31
IOWA	2.70	2/	2.70	2.75	2.74	2.75
KANS	2.93	2/	2.95	2.73	2.88	2.71
MO	2.50	2/	2.50	2.45	2.48	2.49
NEBR	2.74	2/	2.75	2.72	2.96	2.75
REGION VII	2.71	2.41	2.71	2.65	2.74	2.68
COLO	2.69		2.69	2.49	2.89	2.50
MONT	2.20		2.20	2.88	2.45	2.89
N DAK	2.76		2.76	2.85	2.91	2.96
S DAK	2.26	2/	2.23	2.17	2.60	2.30
UTAH	2.38	2/	2.38	2.29	2.43	2.29
WYO	2.07	2/	2.07	2.26	2.55	2.39
REGION VIII	2.44	2.83	2.44	2.47	2.69	2.48
ARIZ	2.70	3.25	2.65	2.50	3.00	2.75
CALIF	3.21	3.70	3.14	2.93	3.31	2.96
NEV	2.40	2/	2.40	2.70	2.83	2.73
REGION IX	3.17	3.68	3.10	2.91	3.29	2.95
IDAHO	2.82	2/	2.82	2.66	3.03	2.74
OREG	2.95	2/	2.94	2.91	3.14	2.95
WASH	3.16	3.65	3.12	2.93	3.21	2.98
REGION X	3.02	3.65	2.99	2.88	3.16	2.94
U S	2.66	3.32	2.63	2.59	2.81	2.64

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

FARM WAGE RATES BY TYPE OF WORK, APRIL 11-17, 1976 BY STATES,
STANDARD FEDERAL REGIONS AND UNITED STATES (REVISED)

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

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

FARM WAGE RATES BY METHOD OF PAY, JULY 11-17, 1976 BY STATES,
STANDARD FEDERAL REGIONS AND UNITED STATES

	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/	2.43	2/	2.42	2.55	2.64	2.58
N J	2.56	2.47	2.61	2.45	2.55	2.47
N Y	2.33	3.18	2.26	2.41	2.58	2.48
REGION II	2.42	2.58	2.37	2.43	2.57	2.48
DEL	2.62	2/	2.62	2.57	2.50	2.43
MD	2.44	2/	2.46	2.77	2.76	2.82
PA	2.33	2/	2.32	2.33	2.67	2.58
VA	2.32	2.75	2.29	2.34	2.29	2.20
W VA	2.18	2/	2.19	2.21	2.40	2.24
REGION III	2.33	2.51	2.32	2.39	2.55	2.49
ALA	2.39	2/	2.39	2.26	2.35	2.28
FLA	3.00	3.66	2.95	2.76	2.98	2.71
GA	2.04	2/	2.04	2.22	2.20	2.24
KY	2.45	2/	2.43	2.35	2.69	2.42
MISS	2.26	2/	2.26	2.11	2.37	2.12
N C	2.21	2/	2.21	2.19	2.20	2.17
S C	2.14	2.50	2.08	2.21	2.25	2.12
TENN	2.27	3.58	2.22	2.12	2.38	2.22
REGION IV	2.31	2.81	2.29	2.25	2.34	2.28
ILL	2.40	2/	2.39	2.60	2.75	2.70
IND	2.61	3.00	2.59	2.51	2.73	2.59
MICH	2.34	2.85	2.32	2.40	2.49	2.54
MINN	2.50	3.30	2.23	2.70	2.57	2.67
OHIO	2.52	2.92	2.50	2.65	2.60	2.65
WIS	2.40	2.75	2.34	2.48	2.68	2.50
REGION V	2.44	3.01	2.39	2.56	2.64	2.62
ARK	2.41	2.99	2.39	2.19	2.40	2.23
LA	2.31	2.20	2.33	2.33	2.52	2.38
N MEX	2.23	2/	2.22	2.28	2.60	2.28
OKLA	2.27	2.35	2.26	2.35	2.50	2.30
TEX	2.40	2.55	2.39	2.30	2.55	2.30
REGION VI	2.36	2.55	2.35	2.29	2.51	2.29
IOWA	2.52	2/	2.52	2.56	2.60	2.57
KANS	2.86	2/	2.86	2.70	2.84	2.52
MO	2.39	2.97	2.17	2.36	2.51	2.42
NEBR	2.29	2.95	2.24	2.55	2.53	2.53
REGION VII	2.51	2.95	2.48	2.56	2.62	2.53
COLO	2.64	2/	2.63	2.67	2.89	2.69
MONT	2.08		2.08	2.60	2.56	2.60
N DAK	2.98	3.35	2.94	2.87	3.20	3.15
S DAK	2.20	2/	2.17	2.21	2.50	2.20
UTAH	2.21	2/	2.20	2.11	2.43	2.26
WYO	1.92	2/	1.89	2.19	2.77	2/
REGION VIII	2.46	3.04	2.43	2.48	2.67	2.57
ARIZ	2.48	2.91	2.46	2.32	2.80	2.60
CALIF	3.08	3.55	3.04	2.92	3.06	2.88
NEV	2.30	2/	2.26	2.44	2.71	2.54
REGION IX	3.04	3.53	3.00	2.90	3.05	2.87
IDAHO	2.86	2.90	2.85	2.62	3.01	2.70
OREG	2.58	2.02	2.72	2.54	2.53	2.55
WASH	2.94	3.05	2.80	2.80	3.10	2.80
REGION X	2.85	2.88	2.79	2.69	2.97	2.71
U S	2.53	2.94	2.48	2.50	2.65	2.52

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

FARM WAGE RATES BY TYPE OF WORK, JULY 11-17, 1976 BY STATES,
STANDARD FEDERAL REGIONS AND UNITED STATES

STATE AND REGION	FARM WAGE RATES - TYPE OF WORK PERFORMED				
	FIELD AND LIVESTOCK WORKERS	PACKINGHOUSE WORKERS	MACHINE OPERATORS	MAINTENANCE AND BOOK-KEEPING WORKERS	SUPERVISORS
DOLLARS PER HOUR					
REGION I 1/	2.15	2/	2.87	2/	3.60
N J	2.47	2.44	3.01	2/	2/
N Y	2.15	2/	2/	2/	2/
REGION II	2.26	2.49	3.09	2.74	4.10
DEL	2.49	2/	2.63	2/	2/
MD	2.12	2/	2.93	3.28	2/
PA	2.13	2/	3.05	2/	2/
VA	2.13	2/	2.40	2/	2/
W VA	1.92	2/	2/	2/	2/
REGION III	2.12	2.49	2.69	3.17	3.92
ALA	2.16	2.55	2.60	2/	2/
FLA	2.56	2/	3.05	3.66	4.91
GA	1.87	2/	2.20	2/	2/
KY	2.26	2/	2.53	2/	2/
MISS	1.87	2/	2.36	2/	3.48
N C	2.18	2.09	2.29	2/	2/
S C	1.96	2.00	2.40	2/	2/
TENN	2.23	2/	2.30	2/	2/
REGION IV	2.16	2.24	2.45	3.36	4.05
ILL	2.31	2/	2.66	2/	2/
IND	2.24	2.70	2.80	2/	5.40
MICH	2.17	2/	2.64	2/	2/
MINN	2.40	2/	2.60	2/	2/
OHIO	2.38	2.53	2.65	2/	2/
WIS	2.10	2/	2/	3.50	2/
REGION V	2.26	2.56	2.68	3.46	5.15
ARK	2.27	2.47	2.50	2.77	3.80
LA	2.00	2.39	2.44	2.74	4.21
N MEX	2.05	2/	2.55	2/	3.90
OKLA	2.14	2/	2.45	2/	2/
TEX	2.22	2.30	2.48	2.74	4.08
REGION VI	2.18	2.41	2.48	2.78	4.05
IOWA	2.47	2/	2.54	2/	2/
KANS	2.76	2/	2.76	2/	2/
MO	2.34	2/	2.34	2/	2/
NEBR	2.24	2/	2.30	2/	2/
REGION VII	2.46	2.61	2.50	3.30	4.57
COLO	2.49	2/	2.55	3.02	4.30
MONT	1.89	2/	2.29	2/	3.97
N DAK	2.70	2/	3.10	3.15	2/
S DAK	2.01	2/	2.50	2/	2/
UTAH	2.09	2/	2.31	2/	3.82
WYO	1.82	2/	1.97	2/	2/
REGION VIII	2.16	2.45	2.77	2.99	4.09
ARIZ	2.22	2.50	2.60	3.34	4.10
CALIF	2.88	3.30	3.22	4.04	4.65
NEV	2.18	2/	2.40	2/	3.35
REGION IX	2.85	3.28	3.14	3.98	4.59
IDAHO	2.80	2/	2.90	2/	3.74
OREG	2.33	2/	3.14	2/	4.04
WASH	2.88	3.05	3.10	2/	4.07
REGION X	2.75	2.94	3.06	3.50	3.96
U S	2.37	2.73	2.66	3.39	4.31

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.

PUERTO RICO FARM LABOR

HIRED WORKERS IN PUERTO RICO TOTALED 39,000

Hired workers on farms in Puerto Rico numbered 39,000 during the survey week of July 11-17, 1976. This compares with 38,000 workers during the April work week and 42,000 in January. These estimates include workers hired by farm operators and Agricultural Services. Field and livestock workers at 35,000 in July made up 90 percent of the hired work force and compares with 34,000 in April and 38,000 in January. The remaining workers are made up of packinghouse workers, machine operators, maintenance workers and bookkeepers, supervisors and others.

All hired workers averaged 32.5 hours during the survey week compared to 26.4 hours in April and 30.5 hours in January.

Farm wages for all methods of pay converted to an hourly rate averaged \$1.61. This compares with \$1.72 in April and \$1.50 in January. Field and livestock workers averaged \$1.50 in July compared to \$1.55 in April and \$1.44 in January.

Rain was very limited permitting a good week for fieldwork. Farm activities consisted of preparing land for sugarcane, planting and fertilizing. Harvesting of bananas was in full swing. Cultivation of all growing crops was active.