

FARM LABOR



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FARM WORKERS 1 PERCENT ABOVE LAST YEAR

Total employment on United States farms during the survey week of January 6-12, 1980, was estimated at 3.02 million workers, 1 percent more than January 1979. Farm operators working one hour or more and unpaid family members working 15 hours or more totaled 2.11 million. Hired workers numbered 910 thousand compared to 798 thousand last year.

All family workers averaged 31.5 hours during the January 1980 survey week compared to 28.7 hours in January 1979. Farm operators reported working an average of 31.2 hours compared to 27.9 last year. Unpaid family members worked 32.7 hours compared to 31.3 the previous year. Hired workers averaged 35.0 hours for the week compared with 36.0 a year earlier.

WAGE RATES ABOVE A YEAR AGO

Farm wage rates for all methods of pay converted to an hourly rate averaged \$3.69 during the week of January 6-12, 1980, an increase of 31 cents from the average of \$3.38 per hour paid a year ago. Hourly workers receiving only cash wages averaged \$3.65 compared with \$3.34 a year earlier. Field workers received an average of \$3.77, up 36 cents from \$3.41 per hour for the January 1979 survey week. Livestock workers received an average of \$3.26 compared with \$2.89 a year earlier.

WORKERS RECEIVING PERQUISITES

Approximately 46 percent of the hired workers employed on farms during the January 1980 survey week received housing, room and board, meals or other perquisites in addition to cash wages. In January 1979, 49 percent of the Nation's hired farm work force received benefits in addition to cash wages. The most common benefit was housing, which was received by 19 percent of the workers.

During the survey week the average hourly earnings were \$2.90 for those workers provided room and board and \$3.65 for those receiving housing. Workers receiving meals or food received \$3.50, while employees receiving only cash wages earned \$3.91 per hour.

Of the hired farm workers employed on farms during the January 1980 survey week, 36 percent were working on farms employing 9 or more hired workers, while 19 percent were on farms having only one worker. This compares with 37 percent and 18 percent in January 1979, respectively.

AGRICULTURAL SERVICE WORKERS

There were 66 thousand agricultural service employees working on U.S. farms during the week of January 6-12, 1980, compared to 80 thousand during the October 1979 survey week. Twenty thousand of these workers were employed in California and 35 thousand in Florida, compared with 51 thousand in California and 6 thousand in Florida for October 1979. Wage rates for agricultural service employees working on farms in California averaged \$4.44 per hour, down 15 cents from last quarter. In Florida, agricultural service firm employees' wages averaged \$4.56, up 69 cents from October.

WEATHER AND FARMING ACTIVITIES

The Western third of the Nation, hit by two storm systems between January 6 to 12, had rain or snow the entire week. The Nation's midsection had virtually no precipitation and lacked snowcover for winter wheat. Isolated areas reported harvesting of corn and soybeans in the Corn Belt and the Southeast.

Fruit trees were being pruned in all areas. Tobacco growers were busy grading and marketing their crop.

Florida citrus growers irrigated some groves and were busy picking fruit. California and Texas citrus harvests were active. Arizona growers were picking until rains and muddy fields curbed activities.

Texas vegetable producers harvested cabbage, carrots, spinach, and lettuce. Florida's vegetable harvest continue along with land preparation for spring-planted crops. California rains delayed vegetable harvests but growers were able to harvest some carrots, cauliflower, celery and lettuce.

SOURCE AND RELIABILITY OF ESTIMATES

Quarterly estimates of Agricultural labor are based on a multiple frame enumerative probability survey. Two sampling frames are utilized--a list frame and an area frame.

The Economics, Statistics, and Cooperatives Service list consists of employers of Agricultural labor, but does not include all such employers. A random sample is selected from the stratified 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 units of land. A probability sample from the area frame provides unbiased estimates for all agricultural workers employed by farm operators. However, this is a less efficient sampling frame than the list because a large number of employees are hired by a small proportion of farm operators. Therefore, the area frame is used primarily to estimate 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 results 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.

Standard errors and relative standard errors are statistical measures of the variation that occurs by chance because a sample rather than the entire population is surveyed. Standard errors and relative standard errors have been computed from the sample data. The sample estimates fall within the range of one standard error below to one standard error above the complete coverage value two times out of three. The survey estimates have standard errors of 41 thousand for family workers and 36 thousand for hired workers at the U.S. level. Relative standard errors are 2.0 and 3.9 percent respectively. Relative standard errors at the regional level for hired workers range from 7 percent in region 6 to 16 percent in region 2. At the U.S. level, the standard error for wage rates of all hired workers was about 10 cents.

FARM EMPLOYMENT AND INDEXES, JANUARY 1980, WITH COMPARISONS, UNITED STATES

ITEM	ANNUAL AVERAGE 1978 ^{1/}	ANNUAL AVERAGE 1979	JAN 7-13, 1979 ^{1/}	OCT 7-13, 1979	JAN 6-12, 1980
FARM EMPLOYMENT (THOUSAND)					
TOTAL	3,956.6	3,774.2	2,996.5	3,943.5	3,021.5
FAMILY LABOR	2,688.9	2,501.2	2,198.7	2,525.1	2,111.9
HIRED LABOR	1,267.7	1,273.0	797.8	1,418.4	909.6
INDEXES ^{1/} (1910-T4=100)					
TOTAL	29	28	28	30	29
FAMILY LABOR	26	25	26	25	25
HIRED LABOR	37	37	34	38	39
(1967=100)					
TOTAL	81	77	77	80	79
FAMILY LABOR	74	69	72	69	69
HIRED LABOR	101	102	89	100	103

^{1/} REVISED.

^{2/} INDEXES ARE ADJUSTED FOR SEASONAL VARIATION.

FARM WAGE RATES AND INDEXES, JANUARY 1980, WITH COMPARISONS, UNITED STATES ^{1/}

ITEM	ANNUAL AVERAGE 1978 ^{2/}	ANNUAL AVERAGE 1979	JAN 7-13, 1979 ^{2/}	OCT 7-13, 1979 ^{2/}	JAN 6-12, 1980
DOLLARS PER HOUR					
METHOD OF PAY:					
ALL HIRED FARM WORKERS	3.09	3.39	3.38	3.57	3.69
PAID BY PIECE-RATE	3.76	4.07	3.92	4.28	4.37
PAID BY OTHER THAN PIECE-RATE	3.04	3.34	3.34	3.50	3.65
PAID BY HOUR ONLY	3.08	3.38	3.32	3.56	3.61
PAID BY CASH WAGES ONLY ^{3/}	3.22	3.58	3.60	3.72	3.91
PAID BY HOUR CASH WAGES ONLY ^{4/}	3.10	3.41	3.34	3.58	3.65
TYPE OF WORK PERFORMED:					
FIELD WORKERS	2.93	3.26	3.41	3.50	3.77
LIVESTOCK WORKERS	2.69	2.96	2.89	3.04	3.26
PACKINGHOUSE WORKERS	3.18	3.39	3.15	3.50	3.56
MACHINE OPERATORS	3.13	3.44	3.59	3.52	3.70
SUPERVISORS	4.95	5.22	5.31	5.35	5.57
OTHER AGRICULTURAL WORKERS	3.60	3.82	4.02	3.79	3.97
INDEXES ^{5/} (1910-T4=100)	2,044	2,242	2,180	2,281	2,406
(1967=100)	241	265	257	269	284

^{1/} PERQUISITES SUCH AS ROOM AND BOARD, HOUSING, ETC., ARE PROVIDED SOME WORKERS IN ALL CATEGORIES, EXCEPT WHERE FOOTNOTED OTHERWISE, IN ADDITION TO WAGE RATES SHOWN.

^{2/} REVISED.

^{3/} INCLUDES ALL WORKERS NOT RECEIVING PERQUISITES.

^{4/} INCLUDES ONLY HOURLY WORKERS NOT RECEIVING PERQUISITES.

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

WORKERS ON FARMS, JANUARY 6-12, 1980 WITH COMPARISONS, BY STATES,
STANDARD FEDERAL REGIONS AND UNITED STATES

STATE AND REGION	JAN 7-13, 1979 ^{1/}			OCT 7-13, 1979 ^{1/}			JAN 6-12, 1980		
	TOTAL	FAMILY	HIRED	TOTAL	FAMILY	HIRED	TOTAL	FAMILY	HIRED
	THOUSANDS								
REGION I ^{2/}	59	37	22	77	35	42	61	34	27
N J	12	8.0	4.0	22	11	11	14	8.0	6.0
N Y	76	53	23	102	57	45	71	43	28
REGION II	88	61	27	124	68	56	85	51	34
DEL.	3.3	1.7	1.6	5.5	3.0	2.5	4.2	2.4	1.8
MD	27	17	10	32	19	13	29	18	11
PA	99	83	16	99	70	29	106	83	23
VA	67	51	16	70	44	26	64	46	18
W VA	22.2	20	2.2	21.3	15.4	5.9	23.5	19.7	3.8
REGION III	218.5	172.7	45.8	227.8	151.4	76.4	226.7	169.1	57.6
ALA	60	38	22	75	48	27	58	37	21
FLA	102	26	76	88	30	58	93	23	70
GA	63	44	19	71	42	29	56	34	22
KY	98	78	20	110	90	20	90	76	14
MISS	54	42	12	72	33	39	46	31	15
N C	84	64	20	133	88	45	90	73	17
S C	42	30	12	51	35	16	35	21	14
TENN	102	88	14	100	70	30	85	64	21
REGION IV	605	410	195	700	436	264	553	359	194
ILL.	114	97	17	198	156	42	114	86	28
IND	83	70	13	107	77	30	78	60	18
MICH	69	56	13	100	65	35	69	55	14
MINN	144	121	23	191	160	31	168	148	20
OHIO	119	100	19	111	89	22	100	75	25
WIS	159	118	41	190	129	61	153	109	44
REGION V	688	562	126	897	676	221	682	533	149
ARK	60	45	15	75	48	27	63	43	20
LA	39	30	9.0	63	35	28	39	28	11
N MEX	20	14	6.0	31	19	12	19	11	8.0
OKLA	69	61	8.0	78	56	22	60	48	12
TEX.	163	119	44	267	162	105	192	133	59
REGION VI	351	269	82	514	320	194	373	263	110
IOWA	174	148	26	220	187	33	185	157	28
KANS	63	50	13	113	89	24	88	68	20
MO	131	110	21	146	126	20	132	116	16
NEBR	83	72	11	102	83	19	92	77	15
REGION VII	451	380	71	581	485	96	497	418	79
COLO	35	25	10	41	25	16	31	19	12
MONT	30.2	23.3	6.9	26	17	9.0	25	16	9.0
N DAK	47	43	4.0	67	56	11	41	36	5.0
S DAK	54	43	11	64	49	15	52	46	6.0
UTAH	15	11	4.0	14	10	4.0	18	14	4.0
WYO	11.5	7.0	4.5	12	6.0	6.0	11	6.0	5.0
REGION VIII	192.7	152.3	40.4	224	163	61	178	137	41
ARIZ	20.5	14	6.5	30	16	14	25	14	11
CALIF	197	57	140	334	65	269	214	54	160
HAW	12.8	3.6	9.2	16.8	5.5	11.3	14.1	4.8	9.3
NEV	4.0	2.1	1.9	4.9	2.2	2.7	3.7	2.0	1.7
REGION IX	234.3	76.7	157.6	385.7	88.7	297.0	256.8	74.8	182.0
IDAHO	22	16	6.0	47	23	24	32	19	13
OREG	43	32	11	73	45	28	33	23	10
WASH	44	30	14	93	34	59	44	31	13
REGION X	109	78	31	213	102	111	109	73	36
U S (49 STS)	2,996.5	2,198.7	797.8	3,943.5	2,525.1	1,418.4	3,021.5	2,111.9	909.6

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

WORKERS ON FARMS, ANNUAL AVERAGES, BY STATES, STANDARD FEDERAL
REGIONS AND UNITED STATES, 1977-79 1/

STATE AND REGION	ANNUAL AVERAGE - 1977 2/			ANNUAL AVERAGE - 1978 2/			ANNUAL AVERAGE - 1979		
	TOTAL	FAMILY	HIRED	TOTAL	FAMILY	HIRED	TOTAL	FAMILY	HIRED
	THOUSANDS								
REGION I 3/	80	44	36	78	43	35	73	39	34
N J	23	11	12	23	12	11	20	10	10
N Y	105	71	34	99	65	34	99	64	35
REGION II	128	82	46	122	77	45	119	74	45
DEL	5.9	3.6	2.3	5.2	2.9	2.3	5.0	2.8	2.2
MD	32	20	12	29	17	12	33	21	12
PA	134	100	34	119	89	30	111	84	27
VA	73	51	22	83	59	24	71	49	22
W VA	41.7	38	3.7	32	27	5.0	24.8	20	4.8
REGION III	286.6	212.6	74	268.2	194.9	73.3	244.8	176.8	68
ALA	86	63	23	75	51	24	69	46	23
FLA	90	30	60	96	31	65	97	29	68
GA	83	50	33	81	47	34	79	46	33
KY	137	108	29	131	98	33	100	79	21
MISS	88	55	33	77	49	28	62	36	26
N C	164	92	72	145	85	60	153	84	69
S C	56	34	22	54	33	21	57	34	23
TENN	131	107	24	116	94	22	107	83	24
REGION IV	835	539	296	775	488	287	724	437	287
ILL	172	133	39	158	123	35	165	125	40
IND	121	93	28	109	82	27	101	79	22
MICH	102	77	25	96	70	26	94	66	28
MINN	199	164	35	195	158	37	171	141	30
OHIO	162	136	26	153	122	31	127	99	28
WIS	199	153	46	186	138	48	186	132	54
REGION V	955	756	199	897	693	204	844	642	202
ARK	92	63	29	84	56	28	72	49	23
LA	57	37	20	54	34	20	53	34	19
N MEX	24.8	17	7.8	24	16	8.0	26	16	10
OKLA	96	75	21	99	83	16	80	62	18
TEX	249	166	83	237	155	82	230	152	78
REGION VI	518.8	358	160.8	498	344	154	461	313	148
IOWA	213	171	42	216	177	39	213	167	46
KANS	98	76	22	92	74	18	95	73	22
MO	173	153	20	157	130	27	155	131	24
NEBR	108	87	21	110	88	22	105	84	21
REGION VII	592	487	105	575	469	106	568	455	113
COLO	54	36	18	51	33	18	43	29	14
MONT	31.7	24	7.7	32.8	25	7.8	33.5	24	9.5
N DAK	64.3	56	8.3	65.3	56	9.3	63.8	55	8.8
S DAK	70	60	10	63	53	10	60	49	11
UTAH	23.3	17	6.3	24.5	18	6.5	20.3	15	5.3
WYO	13.8	8.5	5.3	14	8.9	5.1	14.3	8.4	5.9
REGION VIII	257.1	201.5	55.6	250.6	193.9	56.7	234.9	180.4	54.5
ARIZ	25.3	9.3	16	33	16	17	28	16	12
CALIF	287	69	218	248	61	187	273	63	210
HAW	15.4	4.4	11	16.7	4.7	12	15.5	4.5	11
NEV	4.7	2.2	2.5	5.1	2.4	2.7	5.0	2.5	2.5
REGION IX	332.4	84.9	247.5	302.8	84.1	218.7	321.5	86.0	235.5
IDAHO	45	25	20	48	27	21	41	23	18
OREG	64	35	29	66	37	29	62	38	24
WASH	76	38	38	76	38	38	81	37	44
REGION X	185	98	87	190	102	88	184	98	86
U S (49 STS)	4,169.9	2,863.0	1,306.9	3,956.6	2,688.9	1,267.7	3,774.2	2,501.2	1,273.0

1/ ANNUAL AVERAGE NUMBER OF WORKERS ARE STRAIGHT AVERAGE 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 1979
BY STATES, STANDARD FEDERAL REGIONS AND UNITED STATES

STATE AND REGION	JAN 7-13, 1979				OCT 7-13, 1979			
	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/	29.3	29.5	29.3	34.1	37.9	35.7	37.3	32.4
N J	35.8	33.5	35.1	37.4	42.9	42.7	42.8	39.4
N Y	46.1	33.0	38.3	42.1	44.0	45.0	44.2	37.5
REGION II	44.5	33.0	37.9	41.6	43.8	44.5	44.0	37.9
DEL	35.3	26.0	32.7	37.2	36.6	33.1	35.3	45.2
MD	28.0	30.4	28.6	36.9	28.4	35.0	30.2	36.6
PA	29.9	33.6	31.3	36.6	41.4	39.7	40.9	35.6
VA	17.0	36.0	19.4	36.8	28.6	40.0	30.2	34.1
W VA	22.0	28.0	22.9	30.0	20.7	27.2	22.0	38.0
REGION III	24.4	33.2	26.8	36.4	32.9	37.9	34.2	35.8
ALA	19.9	26.0	20.4	31.9	35.6	41.8	38.1	31.4
FLA	32.8	32.1	32.7	31.4	28.4	24.7	27.4	38.6
GA	29.1	33.3	29.4	29.8	41.2	30.6	38.5	39.9
KY	20.7	24.7	21.3	39.0	35.5	32.9	34.6	29.9
MISS	16.3	22.9	17.8	33.7	33.7	30.3	33.0	40.0
N C	18.4	31.9	19.8	31.6	27.1	33.8	28.6	31.9
S C	19.0	21.2	19.9	33.6	20.5	29.2	22.2	32.0
TENN	14.0	32.0	15.4	36.5	26.5	35.6	28.8	33.7
REGION IV	19.8	26.1	20.8	33.1	30.8	33.8	31.6	35.6
ILL	21.6	28.7	22.9	32.5	58.0	54.9	56.7	50.8
IND	21.2	32.9	22.7	33.5	45.4	39.6	43.6	39.4
MICH	29.5	30.3	29.6	39.7	38.4	43.2	40.0	31.6
MINN	40.5	34.7	38.5	36.2	58.2	40.4	50.5	45.4
OHIO	26.2	25.6	26.0	32.5	35.1	26.8	34.1	35.2
WIS	52.1	37.3	47.2	41.0	64.4	38.6	54.2	35.4
REGION V	32.2	32.6	32.3	36.5	51.6	43.5	48.7	39.3
ARK	24.5	27.5	25.1	29.2	30.0	33.8	30.7	43.7
LA	17.2	25.7	18.2	29.6	34.0	34.7	34.1	38.0
N MEX	27.7	36.0	29.5	42.1	52.0	39.9	46.1	49.8
OKLA	23.8	30.1	25.0	30.8	35.8	38.0	36.5	40.9
TEX	25.5	35.8	27.1	38.4	34.4	31.5	33.6	38.0
REGION VI	24.1	31.7	25.4	35.3	34.6	34.1	34.5	39.5
IOWA	37.6	31.5	35.8	38.1	61.2	39.4	52.1	43.1
KANS	38.8	34.4	38.1	32.5	63.0	46.0	55.4	45.5
MO	25.5	28.0	26.9	30.0	38.1	31.8	35.8	44.1
NEBR	31.0	34.3	31.7	40.0	55.6	41.8	51.1	48.6
REGION VII	32.7	31.3	32.7	34.5	54.1	39.3	48.3	45.0
COLO	25.7	29.3	26.3	36.8	39.8	39.7	39.8	44.8
MONT	38.5	38.7	38.6	46.0	43.4	33.9	40.2	49.8
N DAK	31.0	29.8	30.6	30.9	61.0	45.6	54.9	52.4
S DAK	45.2	32.6	41.5	38.0	60.3	50.0	57.0	45.3
UTAH	29.5	36.2	31.2	32.5	36.7	29.0	35.2	36.0
WYO	33.6	26.9	31.1	44.5	43.8	42.6	43.3	46.5
REGION VIII	35.2	32.5	34.4	38.5	53.2	44.3	50.2	46.7
ARIZ	32.1	30.0	31.5	45.2	35.2	26.9	32.2	52.1
CALIF	24.8	28.7	25.6	39.6	42.3	34.5	40.2	43.7
HAW	24.0	30.0	25.9	37.3	27.1	31.1	28.5	38.1
NEV	42.1	24.8	35.6	44.2	46.8	43.5	45.4	49.8
REGION IX	25.7	28.7	26.4	39.8	40.9	33.4	36.5	43.9
IDAHO	31.7	33.4	32.0	39.3	48.0	47.9	48.0	51.5
OREG	19.0	34.0	22.3	33.7	36.2	30.0	33.7	39.3
WASH	22.5	24.2	22.8	32.4	39.3	39.9	39.4	43.0
REGION X	23.0	30.6	24.4	34.3	40.1	35.7	38.8	43.5
U S (49 STS)	27.9	31.3	28.7	36.0	43.5	39.2	41.9	40.1

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

HOURS WORKED PER WORKER, JANUARY 6-12, 1980, BY STATES,
STANDARD FEDERAL REGIONS AND UNITED STATES

STATE AND REGION	FARM OPERATOR	OTHER UNPAID FAMILY MEMBERS 1/	ALL FAMILY 1/	HIRED WORKERS
HOURS				
REGION I 2/	36.3	31.8	35.2	36.9
N J	36.5	35.9	36.3	40.0
N Y	50.0	37.7	46.6	36.0
REGION II	47.8	37.5	45.1	36.7
DEL	31.0	29.1	30.5	34.6
MD	36.4	38.6	37.2	37.9
PA	35.0	29.8	33.1	33.8
VA	19.1	31.3	21.2	30.6
W VA	19.9	31.0	22.2	38.0
REGION III	28.0	31.2	29.0	33.9
ALA	23.0	31.1	25.7	32.4
FLA	29.8	30.3	29.9	33.9
GA	28.2	34.0	28.6	34.5
KY	25.7	27.3	26.2	34.3
MISS	21.6	24.8	22.3	25.1
N C	19.7	29.2	21.1	27.9
S C	20.1	31.2	21.2	25.0
TENN	17.9	36.0	20.2	30.9
REGION IV	22.3	29.6	23.8	31.6
ILL	29.0	33.6	29.7	39.7
IND	31.4	30.0	31.1	38.1
MICH	35.7	28.7	32.8	35.0
MINN	40.0	39.6	39.8	29.0
OHIO	30.4	29.5	30.2	24.2
WIS	44.4	39.0	42.6	35.3
REGION V	35.9	35.7	35.8	33.5
ARK	25.0	32.0	26.3	33.7
LA	25.7	22.5	25.2	30.6
N MEX	31.1	27.9	29.8	40.0
OKLA	23.0	27.6	23.7	33.6
TEX	30.1	32.7	30.6	41.0
REGION VI	27.5	30.5	28.0	37.8
IOWA	35.9	36.0	36.6	31.0
KANS	40.9	33.8	38.8	40.0
MO	25.9	25.4	25.8	37.1
NEBR	40.0	34.6	38.1	29.7
REGION VII	34.8	32.9	34.2	34.2
COLO	37.0	33.6	34.2	33.7
MONT	35.5	33.1	34.7	42.6
N DAK	32.7	27.1	31.2	37.5
S DAK	43.4	31.8	38.7	40.0
UTAH	26.5	38.4	27.5	34.9
WYO	36.3	34.9	35.6	36.9
REGION VIII	35.9	31.5	34.3	37.5
ARIZ	42.4	27.1	37.2	48.2
CALIF	28.1	37.6	29.8	37.4
HAW	25.4	28.2	26.3	33.2
NEV	31.4	22.1	29.5	50.1
REGION IX	28.7	34.8	29.9	37.9
IDAHO	38.9	27.8	36.1	36.2
OREG	26.4	29.8	27.2	33.6
WASH	22.9	22.4	22.8	33.6
REGION X	28.0	26.5	27.7	34.5
U S (49 STS)	31.2	32.7	31.5	35.0

1/ INCLUDES AS "OTHER UNPAID 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 RATES FOR FIELD WORKERS AND LIVESTOCK WORKERS, BY STATES,
STANDARD FEDERAL REGIONS AND UNITED STATES, 1978-79

STATE AND REGION	FIELD WORKERS ^{1/}		LIVESTOCK WORKERS ^{1/}	
	1978	1979	1978	1979
DOLLARS PER HOUR				
REGION I ^{2/}	2.63	2.95	2.19	2.62
N J	2.96	3.26	2.68	3.04
N Y	2.76	2.86	2.29	2.45
REGION II	2.82	2.98	2.33	2.51
DEL	2.85	3.19	2.86	3.05
MD	2.68	2.76	2.54	2.82
PA	2.70	2.98	2.38	2.72
VA	2.42	2.99	2.53	2.84
W VA	2.27	2.35	2.16	2.42
REGION III	2.53	2.91	2.46	2.78
ALA	2.50	2.86	2.51	2.95
FLA	3.24	3.51	3.12	3.33
GA	2.33	2.64	2.67	2.81
KY	2.60	2.64	2.74	3.00
MISS	2.46	2.85	2.77	2.82
N C	2.49	2.73	2.67	3.09
S C	2.33	2.73	2.62	2.80
TENN	2.57	2.77	2.61	2.87
REGION IV	2.70	2.95	2.75	3.00
ILL	2.90	3.05	2.97	3.17
IND	2.63	2.96	2.78	3.03
MICH	2.81	3.51	2.78	3.15
MINN	2.73	3.15	2.58	2.75
OHIO	2.70	3.37	2.66	3.24
WIS	2.31	2.72	2.25	2.55
REGION V	2.70	3.09	2.54	2.84
ARK	2.64	2.80	2.77	2.91
LA	2.67	2.91	2.90	3.24
N MEX	2.39	2.65	2.33	2.77
OKLA	3.04	3.14	2.68	2.92
TEK	2.54	2.75	2.59	2.85
REGION VI	2.61	2.80	2.62	2.88
IOWA	2.88	3.15	2.75	3.10
KANS	3.02	3.57	2.90	3.34
MO	2.76	2.84	2.61	2.98
NEBR	2.53	3.04	2.91	3.08
REGION VII	2.74	3.15	2.78	3.11
COLO	2.82	2.99	2.86	3.01
MONT	2.47	2.58	2.39	2.46
N DAK	3.19	3.12	3.02	3.12
S DAK	2.33	2.77	2.30	2.48
UTAH	2.73	3.45	2.43	2.90
WYO	2.25	2.56	2.40	2.62
REGION VIII	2.68	2.92	2.54	2.70
ARIZ	3.13	3.22	3.07	3.05
CALIF	3.47	3.80	3.44	3.80
HAW	4.22	4.37	3.84	4.29
NEV	2.46	2.52	2.34	2.55
REGION IX	3.47	3.79	3.32	3.68
IDAHO	3.09	3.32	2.69	2.85
OREG	2.81	3.07	2.80	2.84
WASH	3.48	3.94	3.50	3.94
REGION X	3.18	3.61	3.05	3.21
U S (49 STS)	2.93	3.26	2.69	2.96

^{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/} REGION I: CONN, MAINE, MASS, N H, R I AND VT.

ANNUAL AVERAGE WAGE RATES FOR WORKERS PAID BY HOUR RECEIVING CASH WAGES ONLY
AND FOR ALL HIRED FARM WORKERS, BY STATES, STANDARD FEDERAL REGIONS AND UNITED STATES, 1977-79 1/

STATE AND REGION	WORKERS PAID BY HOUR RECEIVING CASH WAGES ONLY 2/			ALL HIRED FARM WORKERS		
	1977	1978	1979	1977	1978	1979
	DOLLARS PER HOUR					
REGION I 3/	2.70	2.79	3.19	2.65	2.75	3.15
N J	2.87	3.11	3.29	2.83	3.13	3.40
N Y	2.68	2.97	3.14	2.55	2.80	2.86
REGION II	2.73	3.01	3.18	2.61	2.87	2.98
DEL	2.88	3.02	3.07	2.77	3.25	3.37
MD	3.00	3.35	3.11	2.76	2.91	3.11
PA	2.96	3.04	3.27	2.70	2.77	3.07
VA	2.49	2.84	3.10	2.41	2.59	3.20
W VA	2.21	2.61	2.91	2.19	2.45	2.58
REGION III	2.81	3.03	3.17	2.61	2.74	3.10
ALA	2.40	2.98	3.10	2.56	2.79	3.07
FLA	2.87	3.19	3.47	3.23	3.52	3.80
GA	2.44	2.87	2.90	2.46	2.70	2.87
KY	2.46	2.70	2.84	2.45	2.79	3.06
MISS	2.52	2.75	3.19	2.54	2.81	3.19
N C	2.42	2.77	2.88	2.47	2.61	2.94
S C	2.34	2.54	2.92	2.43	2.60	2.87
TENN	2.53	2.59	2.95	2.61	2.72	2.85
REGION IV	2.57	2.88	3.15	2.68	2.92	3.18
ILL	2.90	3.32	3.47	2.86	3.17	3.40
IND	2.72	3.46	3.45	2.72	3.06	3.31
MICH	2.99	3.14	3.38	2.84	3.07	3.49
MINN	3.04	3.29	3.73	2.72	2.97	3.31
OHIO	2.69	3.18	3.27	2.71	2.94	3.51
WIS	2.78	3.04	3.46	2.44	2.50	2.77
REGION V	2.84	3.19	3.47	2.69	2.90	3.21
ARK	2.60	2.78	3.07	2.65	2.91	3.12
LA	2.66	2.82	3.12	2.73	2.88	3.21
N MEX	2.24	2.68	3.02	2.28	2.57	2.86
OKLA	2.77	3.15	3.42	2.69	3.09	3.26
TEX	2.66	2.65	3.03	2.62	2.73	3.06
REGION VI	2.64	2.73	3.09	2.63	2.80	3.09
IOWA	2.84	3.09	3.24	2.82	3.03	3.28
KANS	2.96	3.25	3.63	3.05	3.39	3.61
MO	2.56	2.89	3.06	2.59	2.87	3.08
NEBR	2.77	3.02	3.30	2.72	2.89	3.29
REGION VII	2.79	3.04	3.27	2.81	3.02	3.33
COLO	2.71	2.86	3.21	2.83	3.11	3.32
MONT	2.88	3.05	3.24	2.26	2.49	2.74
N DAK	3.34	3.85	4.00	3.08	3.41	3.45
S DAK	2.66	2.69	3.01	2.35	2.48	2.78
UTAH	2.76	2.95	3.62	2.66	2.75	3.32
WYO	3.03	3.49	3.79	2.41	2.74	2.96
REGION VIII	2.85	3.11	3.47	2.64	2.89	3.08
ARIZ	2.69	3.30	3.39	2.93	3.39	3.42
CALIF	3.33	3.40	3.70	3.53	3.77	4.09
HAW	3.18	3.30	4.06	4.43	4.87	5.03
NEV	2.96	3.27	3.58	2.37	2.55	2.72
REGION IX	3.30	3.39	3.70	3.51	3.76	4.07
IDAHO	2.88	3.05	3.51	2.90	3.18	3.45
OREG	2.93	3.21	3.43	2.85	3.11	3.33
WASH	3.21	3.49	3.83	3.48	3.70	4.06
REGION X	3.03	3.29	3.48	3.13	3.38	3.72
U S (49 STS)	2.91	3.10	3.41	2.89	3.09	3.39

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 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 PIECE-RATE	BY OTHER THAN PIECE-RATE	BY CASH WAGES ONLY	BY CASH WAGES ONLY	BY HOUR RECEIVING CASH WAGES ONLY
DOLLARS PER HOUR						
REGION I 1/	3.24	2/	3.22	3.27	3.43	3.27
N H	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	3.40	3.33
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	3.71	2/	3.71	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	3.12	4.01	3.11	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
HAW	4.82	2/	4.89	4.66	3.89	3.56
NEV	2.82	2/	2.82	3.10	3.55	3.10
REGION IX	3.96	4.41	3.91	3.60	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 (49 STS)	3.38	3.92	3.34	3.32	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 TYPE 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	PACKINGHOUSE 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
HAW	4.22	4.00	2/	5.59	7.05	5.59
NEV	2.40	2.75	2/	2/	2/	2.94
REGION IX	3.67	3.45	3.88	3.98	5.84	5.13
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 (49 STS)	3.41	2.89	3.15	3.59	5.31	4.02

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 7-13, 1979, 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/	3.43	2/	3.40	3.36	3.57	3.42
N J	3.41	2/	3.35	3.42	3.53	3.64
N Y	2.85	3.56	2.68	3.16	3.10	3.15
REGION II	2.96	3.63	2.83	3.25	3.18	3.28
DEL	3.27	2/	3.27	3.10	3.32	2/
MD	3.09	2/	3.10	3.07	2/	2/
PA	3.12	3.43	3.03	3.30	3.41	3.23
VA	3.37	3.49	3.34	3.22	3.50	3.21
W VA	2.78	2/	2.90	3.20	3.25	3.20
REGION III	3.17	3.30	3.14	3.21	3.40	3.17
ALA	3.15	2/	3.15	3.01	3.33	2.99
FLA	3.88	4.33	3.85	3.57	3.87	3.57
GA	3.03	2/	3.00	3.00	3.02	3.07
KY	2.90	2/	2.90	2.60	2.90	2.50
MISS	3.21	2/	3.23	3.02	3.33	3.27
N C	2.92	2/	3.01	2.83	2.86	2.90
S C	2.93	2/	2.93	2.99	3.09	2.99
TENN	2.88	2/	2.88	2.90	2.90	3.00
REGION IV	3.23	3.19	3.23	3.10	3.30	3.17
ILL	3.52	2/	3.52	3.85	3.85	3.85
IND	3.34	2/	3.34	3.54	3.72	3.69
MICH	3.75	4.50	3.47	3.68	3.45	3.65
MINN	3.64	2/	3.64	3.90	3.85	3.95
OHIO	3.90	2/	3.90	3.54	4.00	3.28
WIS	2.84	2/	2.83	3.32	3.34	3.66
REGION V	3.41	4.12	3.37	3.67	3.72	3.73
ARK	2.93	2/	2.93	3.00	3.10	2.95
LA	3.24	2/	3.22	3.15	3.30	3.16
N MEX	3.01	2/	3.01	3.23	3.04	3.28
OKLA	3.40	2/	3.40	3.65	3.52	3.37
TEX	3.28	2/	3.27	3.30	3.46	3.27
REGION VI	3.22	3.55	3.21	3.25	3.35	3.20
IOWA	3.42	2/	3.43	3.49	3.27	3.41
KANS	3.60	2/	3.60	3.52	4.00	3.73
MO	3.13	2/	3.13	3.10	3.26	3.32
NEBR	3.36	2/	3.36	3.74	3.78	3.50
REGION VII	3.39	3.07	3.40	3.40	3.50	3.48
COLO	3.30	2/	3.26	3.29	3.20	3.11
MONT	2.93	2/	2.93	3.50	3.50	3.55
N DAK	3.88	2/	3.88	4.20	4.10	4.10
S DAK	3.01	2/	3.01	3.16	3.20	3.20
UTAH	3.45	2/	3.42	3.30	3.80	3.55
WYO	3.32	2/	3.32	3.85	3.97	3.84
REGION VIII	3.30	3.79	3.28	3.63	3.56	3.58
ARIZ	3.44	2/	3.44	3.30	3.55	3.35
CALIF	4.32	5.42	4.22	4.01	4.21	3.93
HAW	5.26	2/	5.26	5.10	4.50	4.40
NEV	2.82	2/	2.82	3.50	3.60	3.90
REGION IX	4.30	5.41	4.20	4.01	4.20	3.92
IDAHO	3.70	3.94	3.68	3.50	3.81	3.48
OREG	3.53	4.35	3.39	3.49	3.46	3.44
WASH	4.37	4.58	4.14	4.07	4.21	4.00
REGION X	4.03	4.52	3.77	3.75	3.98	3.70
U S (49 STS)	3.57	4.28	3.50	3.56	3.72	3.58

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 7-13, 1979, 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/	3.37	2.72	2/	2/	5.14	2/
N J	3.37	3.20	2.92	2/	5.05	3.71
N Y	3.00	2.35	3.00	3.25	2/	2/
REGION II	3.11	2.46	2.99	3.32	5.02	3.38
DEL	2/	2/	2/	2/	2/	2/
MD	2/	2/	2/	2/	2/	2/
PA	2.97	2.99	2/	2/	2/	2/
VA	3.30	3.10	3.50	2.95	4.97	2/
W VA	2.45	2.45	2/	2/	2/	2/
REGION III	2.98	3.00	3.38	3.15	5.26	3.23
ALA	2.92	3.12	2/	3.00	2/	2/
FLA	3.50	3.40	3.57	3.77	5.67	4.89
GA	2.85	3.00	2/	2.78	2/	2/
KY	2.52	2.93	2/	2/	5.78	2/
MISS	2.70	2.95	2/	2.91	5.14	2/
N C	2.48	3.12	2/	3.15	2/	3.10
S C	2.87	2.88	2/	2.62	2/	2/
TENN	2.85	2.85	2/	2.90	2/	2/
REGION IV	2.95	3.09	3.26	3.04	5.08	3.99
ILL	3.10	3.35	2/	3.59	5.75	2/
IND	2.90	3.15	3.67	3.40	2/	2/
MICH	4.00	3.28	2/	3.60	2/	2/
MINN	3.12	2.75	2/	3.80	2/	2/
OHIO	3.49	3.60	2/	3.52	5.83	2/
WIS	2.87	2.56	2/	2/	4.82	2/
REGION V	3.26	2.88	3.43	3.62	5.52	3.60
ARK	2.70	2.94	2/	2.98	2/	3.20
LA	3.07	3.35	2/	3.16	2/	2/
N MEX	2.80	2.94	2/	2.85	5.00	2/
OKLA	2.84	2/	2/	3.27	2/	2/
TEX	3.00	3.10	2/	2.99	5.25	3.46
REGION VI	2.93	3.05	2.95	3.05	4.86	3.49
IOWA	3.32	3.00	2/	3.24	2/	2/
KANS	3.65	3.57	2/	3.40	2/	2/
MO	2.92	3.05	2/	3.10	2/	2/
NEBR	3.30	3.18	2/	3.23	4.57	2/
REGION VII	3.33	3.19	3.35	3.24	5.59	3.87
COLO	3.12	2.88	3.01	3.42	5.81	3.00
MONT	3.01	2.50	2/	2/	2/	2/
N DAK	2/	2/	2/	3.90	2/	2/
S DAK	3.01	2.70	2/	3.20	2/	2/
UTAH	3.75	2.96	2/	2/	4.93	2/
WYO	2.92	2.90	2/	2.90	4.35	3.83
REGION VIII	3.08	2.77	3.16	3.50	4.71	3.26
ARIZ	3.23	3.03	2/	3.33	5.25	2/
CALIF	4.07	3.85	3.95	4.41	5.83	2/
HAW	4.50	2/	2/	6.03	7.17	5.83
NEV	2.65	2.50	2/	2/	2/	2/
REGION IX	4.05	3.74	3.94	4.40	5.83	5.05
IDAHO	3.53	3.16	3.52	3.81	5.15	2/
OREG	3.50	2.91	2/	3.86	2/	2/
WASH	4.42	3.82	3.95	3.85	5.35	4.76
REGION X	4.11	3.21	3.64	3.83	5.20	4.05
U S (49 STS)	3.50	3.04	3.50	3.52	5.35	3.79

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 6-12, 1980, 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 WAGE ONLY	BY HOUR RECEIVING CASH WAGES ONLY
DOLLARS PER HOUR						
REGION I 1/	3.21	2/	3.23	3.57	3.48	3.57
N J	3.65	2/	3.65	3.50	3.75	3.73
N Y	3.10	2/	3.10	3.40	3.60	3.40
REGION II	3.22	4.20	3.22	3.43	3.63	3.47
DEL	3.26	2/	3.20	3.20	3.40	2/
MD	3.20	2/	3.20	3.45	3.10	2/
PA	3.45	2/	3.45	3.52	3.56	3.58
VA	3.25	2/	3.26	3.08	3.37	3.33
W VA	2.80	2/	2.78	3.06	3.50	3.27
REGION III	3.28	3.16	3.28	3.39	3.49	3.46
ALA	3.30	2/	3.30	3.31	3.62	3.43
FLA	4.25	4.90	4.03	3.61	4.30	3.63
GA	3.30	2/	3.30	3.61	3.64	3.65
KY	2.88	2/	2.88	2.71	2.96	2.88
MISS	3.74	2/	3.74	3.25	4.08	3.43
N C	3.35	2/	3.35	3.30	3.72	3.56
S C	3.48	2/	3.51	3.39	3.70	3.44
TENN	3.14	2/	3.21	3.00	3.10	3.29
REGION IV	3.63	4.41	3.52	3.22	3.82	3.46
ILL	3.67	2/	3.66	3.79	4.10	3.96
IND	3.74	2/	3.75	3.73	4.00	3.55
MICH	3.82	2/	3.82	3.80	3.75	3.86
MINN	3.20	2/	3.19	3.40	3.70	3.54
OHIO	3.53	2/	3.53	3.45	3.60	3.60
WIS	2.76	2/	2.76	3.21	3.11	3.39
REGION V	3.35	3.56	3.34	3.48	3.68	3.64
ARK	3.58	2/	3.57	3.49	3.59	3.49
LA	3.73	2/	3.68	3.64	3.75	3.67
N MEX	3.21	2/	3.21	3.10	3.59	3.20
OKLA	3.65	2/	3.65	3.70	4.10	3.80
TEX	3.47	2/	3.46	3.20	3.51	3.22
REGION VI	3.51	4.87	3.50	3.31	3.60	3.34
IOWA	3.60	2/	3.60	3.32	3.53	3.15
KANS	3.93	2/	3.93	3.75	4.25	4.00
MO	3.29	2/	3.29	3.21	3.18	3.24
NEBR	3.55	2/	3.55	3.37	3.47	3.32
REGION VII	3.64	3.22	3.64	3.42	3.78	3.58
COLO	3.47	2/	3.47	3.40	3.74	3.44
MONT	3.25	2/	3.25	3.90	3.50	2/
N DAK	3.75	2/	3.75	3.51	3.69	3.54
S DAK	2.99	2/	2.99	3.03	3.40	2/
UTAH	3.76	2/	3.75	3.56	4.00	3.68
WYO	3.72	2/	3.72	3.83	3.99	3.83
REGION VIII	3.45	2/	3.45	3.50	3.73	3.59
ARIZ	3.59	2/	3.59	3.60	3.63	3.62
CALIF	4.46	4.65	4.44	4.10	4.50	4.03
HAW	5.23	2/	5.22	4.87	4.90	4.69
NEV	3.07	2/	3.07	3.75	3.65	3.90
REGION IX	4.41	4.66	4.39	4.10	4.44	4.00
IDAHO	3.72	2/	3.51	3.42	4.00	3.16
OREG	3.86	2/	3.87	3.80	3.85	3.75
WASH	4.41	2/	4.38	4.24	4.74	4.25
REGION X	4.00	4.29	3.95	3.97	4.23	3.95
U S (49 STS)	3.69	4.37	3.65	3.61	3.91	3.65

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 6-12, 1980, BY STATES,
STANDARD FEDERAL REGIONS, AND UNITED STATES

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/	3.30	2.59	3.28	2/	5.35	2/
N J	3.40	3.25	3.20	4.00	5.75	4.00
N Y	3.50	2.70	3.40	3.70	5.58	4.00
REGION II	3.46	2.77	3.32	3.80	5.64	4.00
DEL	2/	2/	2/	2/	2/	2/
MD	2/	2/	2/	2/	2/	2/
PA	3.62	2.80	2/	2/	2/	2/
VA	3.20	3.00	2/	2/	2/	2/
W VA	2/	2/	2/	2/	2/	2/
REGION III	3.44	2.85	3.39	3.71	4.49	3.60
ALA	3.10	2.95	2/	3.36	2/	2/
FLA	4.21	3.68	3.71	3.95	6.32	4.57
GA	3.16	3.24	2/	3.20	2/	2/
KY	2.74	2.86	2.60	2/	2/	2/
MISS	3.22	3.10	2/	3.34	7.03	3.33
N C	3.25	3.17	2/	3.94	2/	3.09
S C	3.50	3.20	2/	3.40	2/	2/
TENN	3.10	3.10	2/	2/	2/	2/
REGION IV	3.65	3.21	3.17	3.55	5.78	3.61
ILL	3.70	3.50	2/	3.92	6.20	2/
IND	2/	3.45	2/	2/	2/	4.22
MICH	4.15	3.32	3.75	2/	6.00	2/
MINN	3.25	2.85	2/	2/	2/	2/
OHIO	3.83	3.30	2/	3.15	2/	4.00
WIS	2/	2.55	3.50	2/	2/	2/
REGION V	3.68	3.05	3.49	3.70	5.55	3.78
ARK	3.41	3.45	2/	3.58	5.00	3.92
LA	3.50	3.60	2/	3.24	5.50	3.69
N MEX	3.10	2.69	2/	3.37	5.23	2/
OKLA	3.86	3.12	2/	3.54	2/	2/
TEX	3.27	3.48	3.25	3.23	5.00	3.30
REGION VI	3.37	3.38	3.34	3.31	5.11	3.46
IOWA	3.36	3.45	2/	3.72	2/	2/
KANS	3.68	3.51	2/	2/	2/	2/
MO	3.29	2.95	2/	3.36	2/	3.86
NEBR	2/	3.42	2/	3.53	2/	3.94
REGION VII	4.40	3.39	3.38	3.50	5.58	3.57
COLO	3.64	3.15	2/	2/	2/	2/
MONT	2/	3.05	2/	2/	2/	2/
N DAK	2/	3.26	2/	2/	2/	2/
S DAK	2/	2.97	2/	2/	2/	2/
UTAH	4.23	3.50	2/	2/	2/	2/
WYO	3.10	3.10	2/	2/	2/	2/
REGION VIII	3.68	3.13	3.63	3.86	4.58	3.82
ARIZ	3.25	3.00	2/	3.63	5.27	2/
CALIF	4.10	4.25	5.00	4.43	6.12	5.36
HAW	4.50	4.50	2/	5.62	7.60	5.56
NEV	3.00	2.92	2/	2/	2/	2/
REGION IX	4.05	4.19	4.93	4.37	6.12	5.18
IDAHO	3.60	3.20	2/	4.19	5.15	4.35
OREG	3.40	3.16	2/	4.13	6.00	4.52
WASH	4.31	3.91	3.94	4.55	6.30	5.10
REGION X	3.89	3.43	3.87	4.26	5.84	4.69
U S (49 STS)	3.77	3.26	3.56	3.70	5.57	3.97

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 7-13, 1979	OCT 7-13, 1979	JAN 6-12, 1980
PERCENT OF TOTAL HIRED WORKERS			
1 WORKER	18	13	19
2 WORKERS	15	12	15
3-4 WORKERS	18	15	17
5-8 WORKERS	12	18	13
9 AND OVER WORKERS	37	42	36

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

PERQUISITE RECEIVED	JAN 7-13, 1979	OCT 7-13, 1979	JAN 6-12, 1980
PERCENT OF TOTAL HIRED WORKERS			
ROOM AND BOARD HOUSING	13	11	12
HOUSING	21	17	19
MEALS OR FOOD	5	10	5
OTHER	10	9	10
TOTAL RECEIVING PERQUISITES ^{1/}	49	47	46

AVERAGE HOURLY FARM WAGE RATE, BY TYPE OF PERQUISITE RECEIVED,
UNITED STATES ^{2/}

PERQUISITE RECEIVED	JAN 7-13, 1979	OCT 7-13, 1979	JAN 6-12, 1980
DOLLARS PER HOUR			
ROOM AND BOARD	2.40	2.60	2.90
HOUSING	3.20	3.44	3.65
MEALS AND OTHER	3.10	3.40	3.50
OTHER	3.90	4.05	4.27
CASH WAGES ONLY	3.60	3.72	3.91

^{1/} SUMMATION OF PERCENTAGES RECEIVING ROOM AND BOARD, HOUSING, MEALS OR FOOD, AND OTHER PERQUISITES.

^{2/} WAGE RATES DO NOT INCLUDE VALUE OF PERQUISITES.

AGRICULTURAL SERVICE FIRMS: NUMBER OF HIRED WORKERS, AVERAGE HOURS WORKED FOR ALL HIRED WORKERS, WAGE RATE BY TYPE OF WORK, JANUARY 6-12, 1980, WITH COMPARISONS, FOR CALIFORNIA, FLORIDA, AND UNITED STATES 1/ 2/

ITEM	OCT 7-13, 1979			JAN 6-12, 1980		
	CALIF	FLA	U S	CALIF	FLA	U S
NUMBER OF WORKERS (000)						
ALL HIRED	51	6	80	20	35	66
AVERAGE HOURS WORKED						
ALL HIRED WORKERS	32.8	26.5	<u>5/</u>	23.7	28.2	<u>5/</u>
WAGE RATES (DOLLARS AND CENTS)						
BY TYPE OF WORKERS						
ALL HIRED	4.59	3.87	<u>5/</u>	4.44	4.56	<u>5/</u>
PIECE-RATE	4.91	4.82	<u>5/</u>	4.70	4.65	<u>5/</u>
OTHER THAN PIECE-RATE	4.35	3.44	<u>5/</u>	4.27	4.03	<u>5/</u>
HOUR ONLY	4.18	3.35	<u>5/</u>	3.94	3.83	<u>5/</u>
CASH ONLY <u>3/</u>	4.51	3.87	<u>5/</u>	4.38	4.57	<u>5/</u>
PER HOUR CASH ONLY <u>4/</u>	4.07	3.36	<u>5/</u>	3.81	3.82	<u>5/</u>
FIELD	4.27	3.49	<u>5/</u>	4.14	4.46	<u>5/</u>
MACHINE OPERATORS	5.28	<u>6/</u>	<u>5/</u>	4.82	4.49	<u>5/</u>
SUPERVISORS	6.12	<u>6/</u>	<u>5/</u>	6.82	<u>6/</u>	<u>5/</u>

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 ALL CATEGORIES, EXCEPT WHERE FOOTNOTED OTHERWISE, 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.

PERCENTAGE OF WORKERS BY TYPE OF WORK

The Agricultural work force is nearly 50 percent field workers, 25 percent live-stock workers and 15 percent machine operators. Packinghouse workers, supervisors and other agricultural workers make up the balance.

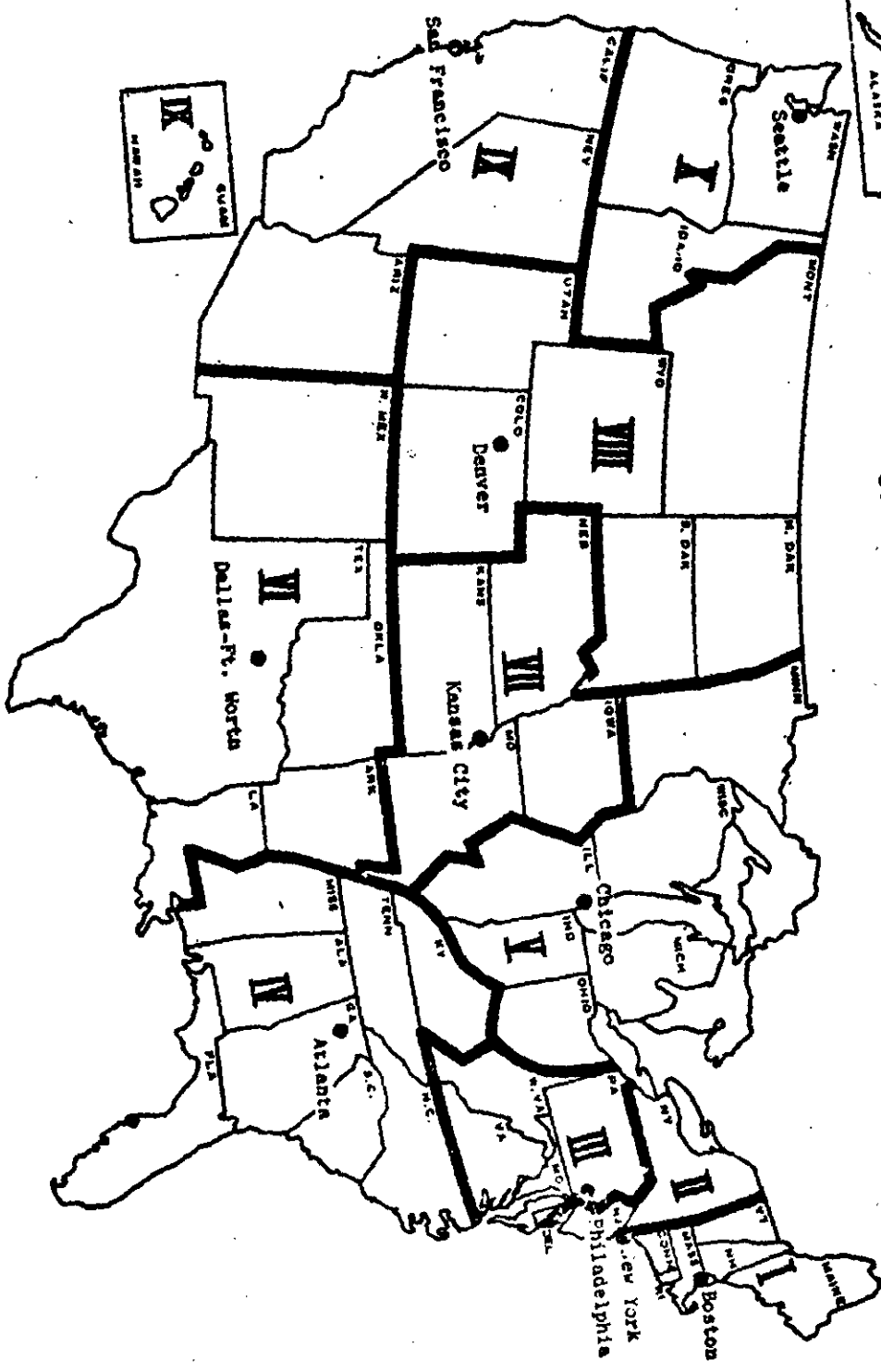
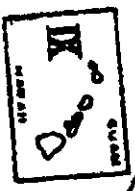
Field workers, as a proportion of all workers, varies from nearly 30 percent in the January survey week to 60 percent in July. Livestock workers show a reverse relationship, with about 10 to 15 percent in July compared to about 40 percent in January. Machine operators range from 7 percent in January to 20 percent in October.

Survey respondents are classified only by the major work activity during the survey week, although they may have been active in more than one type of work.

During the survey, data on number of workers by type are obtained along with wage rates for each type of worker. The following table presents the percent of workers in each category for surveys during the past two years. Data are survey averages and as such, are subject to sampling variability. The percent of workers in each category is derived by taking the survey indicated number of workers in each category and dividing by survey total workers. The annual average was derived by adding the number of workers for each type of work for 4 survey periods and dividing by the corresponding total number of workers.

HIRED WORKERS ON FARMS: CLASSIFIED BY TYPE OF WORKER AS A PERCENT OF TOTAL,
UNITED STATES, 1978-79

TYPE OF WORKER	JAN	JAN	APR	APR	JUL	JUL	OCT	OCT	ANNUAL AVERAGE	
	8-14	7-13	9-15	8-14	9-15	8-14	8-14	7-13	1978	1979
	PERCENT OF TOTAL HIRED WORKERS									
FIELD	33	27	40	40	60	59	43	40	47	45
LIVESTOCK	38	44	26	28	12	14	19	19	21	23
PACKINGHOUSE	5	6	4	3	3	3	4	5	4	4
MACHINE OPER.	7	7	17	15	16	15	24	21	17	15
SUPERVISOR	6	6	5	6	4	3	4	5	4	5
OTHER	11	10	8	9	5	6	6	10	7	8



STANDARD FEDERAL REGIONS



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