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Farm Labor

BUREAU OF AGRICULTURAL ECONOMICS
UNITED STATES DEPARTMENT OF AGRICULTURE

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FARM EMPLOYMENT REACHES SEASONAL LOW, WAGE RATES HIGHER

Farm employment reached the seasonal low point during the week of December 21-27 as 6,485,000 persons were working on farms, the Bureau of Agricultural Economics reported today. This is the lowest estimate of record, being 1 percent below a year ago and 22 percent below last month. Family workers were reported to be 1 percent fewer than a year ago but the number of hired workers was 1 percent above last year.

The seasonally adjusted index of farm wage rates on January 1 reached a new high of 514. This was 3 percent above last October 1 and 3 percent above a year earlier. The increase from a year earlier indicates that farm wage rates may be starting to level off. A year ago there was an 11 percent rise from January 1, 1951 while rates on January 1, 1951 were 7 percent above the same date for 1950.

Farm wage rates generally follow the trend in cash receipts from farm marketings and prices received by farmers. Prices received have been declining in recent months and cash receipts in 1952 are only slightly above 1951. These measures of farmer's ability to pay wages to hired farm workers have been tending to limit increases in farm wage rates in recent months.

Farmers on January 1 this year, were paying hired workers at wage rates which averaged about 3 percent above a year ago for the country as a whole. Increases were greatest in the New England, Middle Atlantic and East North Central States where they amounted to 5 percent or slightly more. Increases were less than the National average in all other regions except the Mountain States. The smallest rise, 1 percent, occurred in the West South Central States.

Individual types of wage rates for the United States and for all regions were up from a year ago with one exception. Per hour rates without board or room in the West South Central States averaged the same as a year ago. For the entire country per day rates and per week rates without board or room were up 2 percent from last year. Other types of rates rose 4 or 5 percent.

Comparisons of National average wage rates for January 1, 1953 and October 1, 1952 are difficult because of shifts in the relative number of workers in different regions. For instance, on January 1, about 40 percent

of the hired workers in the country were employed in the South, with its lower wage rate levels, while 3 months earlier the South had about 55 percent of the hired farm workers. The per hour without board or room rates rose 17 percent from October 1 to January 1 for the country as a whole. At the same time, regional averages for this rate dropped in all except two regions. In October, more than half of the workers receiving this rate were in the southern regions, where the average was about 60 cents; while less than half of the workers in the group were in regions where the hourly rate averages ranged from $.96 to $1.08. In January, about two-thirds of the workers receiving hourly rates without board or room were in regions where the average rate ranged from $.87 to $1.06.

However, individual rates by regions and States were generally lower on January 1 than on October 1. In the West North Central, West South Central, Mountain and Pacific States, all types of rates averaged less on January 1 than 3 months earlier. These decreases in rates from October to January are usual. Demand from farmers for hired help slacks off after the major harvest season is over and wage rates generally drop. The length of farm workday is also shorter in the winter months in most areas and workers paid on a weekly or monthly basis lose more working time because of bad weather.

Routine winter chores were the usual farm work in many parts of the country during the week of December 21-27. Snow cover in northern areas, frequent rains in southern areas, and the holidays limited outside work to shelling corn, marketing grains and livestock, and pruning fruit trees and vines. Citrus and winter vegetables were being harvested in California, Arizona, Texas, and Florida. Southern States also reported plowing and preparation of ground for spring seeding of small grains and early spring vegetables. Cotton harvesting in Arizona and California was progressing rather slowly due to wet weather and fog.

Persons working on farms during the survey week consisted of 5,637,000 family workers and 848,000 hired workers. The number of family workers was 18 percent below a month ago and hired workers were 42 percent fewer than in November. The declines, however, were a little less than usual for the season. The decline in number of family workers from a month ago was the greatest in the South Atlantic and East South Central Regions; hired worker numbers showed the greatest decline in the East South Central and West South Central Regions.

Changes in total farm employment from a year earlier were relatively small for all regions, ranging from 3 percent increase in the Middle Atlantic Region to a 7 percent decrease in the West South Central Region. Numbers of family workers showed little change from a year ago, ranging from a 2 percent increase in Middle Atlantic States to a 6 percent decrease in West South Central States. Regionally, numbers of hired workers showed rather wide fluctuations from a year ago, increasing 14 percent in East South Central States and declining 15 percent in West South Central States.

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DEFINITIONS AND EXPLANATIONS

Employment

Farm employment estimates of the Bureau of Agricultural Economics cover persons doing farm work on all farms. Mailed questionnaires are received every month from 15,000 to 20,000 farmers who report the number of persons working on their farms. Interview surveys of farmers are used less frequently to provide bench mark data on employment. The survey week for the mailed questionnaire each month is the last complete calendar week in the month except when that week includes the last day of the month; in that case, the survey week is the next to the last full calendar week.

Employment concepts

All farm operators are counted as employed if they spend one hour or more during the survey week at farm work, chores, or in the transaction of farm business. Members of the operator's family or household doing unpaid farm work, or chores, are counted if they put in 15 hours or more during the survey week. Operators plus unpaid members of their families or households who meet these criteria of employment are called family workers. All persons doing one or more hours of farm work or chores for pay during the survey week are counted as hired workers. Members of the operator's family doing farm work for cash wages are counted as hired workers. Croppers are considered family workers when working on their own crops, but hired workers when doing farm work for pay off their own tracts. If a person is employed both as a family worker and a hired worker during the week on the same farm he is counted as a hired worker.

Comparability with other data

The data on farm employment published by the Bureau of Agricultural Economics differ from those on agricultural employment published by the Bureau of the Census in the Monthly Report On The Labor Force. The Bureau of Agricultural Economics collects information from the employer (the farmer) who reports the number of persons working on his farm during the week, regardless of the other jobs held by those workers. The Census data, on the other hand, are obtained through interviews with approximately 25,000 farm and non-farm households with the housewife or some other member of the household reporting on the labor force status of the household members. They relate only to persons 14 years of age and over, who are in the civilian population and not in institutions.

The difference between the Bureau of Agricultural Economics and the Census data is attributable mainly to the different treatment of three groups of workers. Children under 14 years of age who meet the criteria of employment are included in the Bureau of Agricultural Economics estimates,

but not in the Census Bureau's. It is estimated that this number may reach a summer peak as high as two million. Persons working on more than one farm during the survey week are counted only once by the Census Bureau, but they are counted by the Bureau of Agricultural Economics on each farm where they work and meet the minimum hour requirements. This group is also more numerous during the harvest season when the demand for farm labor is greatest. The additional count of workers attributable to this duplication is estimated at a minimum of a quarter of a million and may be considerably larger. The third group is composed of persons who work in both agricultural and nonagricultural employment, but work longer at the nonagricultural job; they are classified by Census as working on nonagricultural employment, but by Bureau of Agricultural Economics as working on a farm. This last group may range from one-half million to a million in different seasons of the year.

Other groups counted by the Bureau of Agricultural Economics but not by the Census Bureau are imported foreign workers and some migratory workers not living in private households. On the other hand, the Census Bureau includes in its estimates of agricultural employment certain classes of workers which the Bureau of Agricultural Economics does not include. Persons with "nonfarm" occupations who are working on farms, such as bookkeepers and typists, some persons in certain agricultural processing activities, and farm operators with no other job who did no farm work are considered as employed in agriculture by the Census Bureau, but are not included by the Bureau of Agricultural Economics in its estimates of agricultural employment.

Because the volume of agricultural employment is affected by changes both in season and in weather, the difference in the week of the month for which data are collected may also make some difference. The Bureau of Agricultural Economics data relate to the last full calendar week ending at least one day before the end of the month while the Census Bureau information relates to the week containing the 8th of the month.

The Bureau of Agricultural Economics estimates farm employment from current reports made by a selected group of farmers adjusted to enumerative survey bench mark data. The Bureau of the Census bases its figures on a sample of dwelling units. Accordingly, the figures in both cases are subject to a sampling variation and may differ from the results of a complete census.

Wage rates

Wage rates are reported quarterly by the same sample of farm operators that reports employment. The farmer is asked to report average wage rates being paid "at this time" in his locality. The "at this time" on the average probably represents the second or third day before the end of the month.

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Farm employment: Persons employed during week of December 21-27, 1952, United States, with comparisons

	December average 1945-49 1/	December 23-29, 1951	November 23-29, 1952	December 21-27, 1952
FARM EMPLOYMENT (Thousands of persons)				
Total	7,353	6,524	8,338	6,485
Family labor	6,370	5,688	6,876	5,637
Hired labor	983	836	1,462	848
FARM EMPLOYMENT INDEXES (Adjusted for seasonal variation, 1910-14 = 100)				
Total	92	82	80	81
Family labor	94	84	83	83
Hired labor	81	69	68	70

1/ Employment during the last full calendar week ending at least one day before the end of the month.

Farm wage rates: Wage rates, indexes, and related data, January 1, 1953, with comparisons 1/

	October 1, 1951	January 1, 1952	October 1, 1952	January 1, 1953
FARM WAGE RATES				
Per month with board and room	$116.00	$116.00	$122.00	$121.00
Per month with house	138.00	141.00	146.00	148.00
Per week with board and room	28.50	27.25	29.25	28.75
Per week without board or room	35.25	35.00	35.75	35.75
Per day with board and room	5.00	5.00	5.10	5.10
Per day with house	4.10	4.20	4.25	4.30
Per day without board or room	5.50	5.20	5.60	5.30
Per hour with house	.81	.65	.87	.68
Per hour without board or room	.73	.86	.76	.89
Composite rate per hour 2/	.656	.693	.688	.715
FARM WAGE RATE INDEXES (1910-14=100)				
Adjusted for seasonal variation	476	498	499	514
RELATED INDEXES (1910-14 = 100)				
Prices received by farmers 3/	294	302	285	269*
Ratio of prices received to farm wage rates	61	61	57	52

1/ Wage rates on the average refer to a date two or three days before the first of the month.
2/ Weighted average of all rates on a per hour basis.
3/ Average of the 15th of the given and the 15th of the previous month.
* December 15, 1952.

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Farm employment: Persons employed during week of December 21-27, 1952, United States and geographic divisions, with comparisons

Geographic division	December average 1945-49 1/	November 18-24, 1951	December 23-29, 1951	November 23-29, 1952	December 21-27, 1952
	Thousands	Thousands	Thousands	Thousands	Thousands
			TOTAL FARM EMPLOYMENT		
United States	7,353	8,873	6,524	8,338	6,485
New England	176	192	165	186	159
Middle Atlantic	492	528	460	524	472
East North Central	1,247	1,360	1,120	1,306	1,140
West North Central	1,440	1,454	1,282	1,383	1,255
South Atlantic	1,276	1,794	1,094	1,678	1,093
East South Central	1,052	1,582	899	1,518	920
West South Central	984	1,184	875	981	818
Mountain	275	327	258	311	256
Pacific	411	452	371	451	372
			FAMILY WORKERS 2/		
United States	6,370	7,216	5,688	6,876	5,637
New England	140	140	132	134	126
Middle Atlantic	402	422	374	421	382
East North Central	1,120	1,183	1,016	1,152	1,026
West North Central	1,331	1,314	1,188	1,273	1,165
South Atlantic	1,063	1,469	921	1,381	921
East South Central	941	1,280	812	1,210	821
West South Central	883	920	794	832	749
Mountain	215	213	196	207	197
Pacific	275	275	255	266	250
			HIRED WORKERS 3/		
United States	983	1,657	836	1,462	848
New England	36	52	33	52	33
Middle Atlantic	90	106	86	103	90
East North Central	127	177	104	154	114
West North Central	109	140	94	110	90
South Atlantic	213	325	173	297	172
East South Central	111	302	87	308	99
West South Central	101	264	81	149	69
Mountain	60	114	62	104	59
Pacific	136	177	116	185	122

1/ Persons employed during the last full calendar week ending at least one day before the end of the month.

2/ Includes farm operators doing one or more hours of farm work and members of their families working 15 hours or more during the survey week without cash wages.

3/ Includes all persons doing one or more hours of farm work during the survey week for pay.

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Farm wage rates: Wage rates by geographic divisions, January 1, 1953, with comparisons

Geographic division	October 1, 1951	January 1, 1952	October 1, 1952	January 1, 1953
	Dollars	Dollars	Dollars	Dollars
PER MONTH WITH BOARD AND ROOM				
New England	112.00	112.00	120.00	122.00
Middle Atlantic	109.00	107.00	117.00	116.00
East North Central	111.00	110.00	118.00	116.00
West North Central	117.00	114.00	122.00	115.00
Mountain	144.00	137.00	151.00	142.00
Pacific	162.00	164.00	178.00	172.00
PER MONTH WITH HOUSE				
New England	142.00	146.00	156.00	156.00
Middle Atlantic	150.00	148.00	159.00	156.00
East North Central	140.00	142.00	150.00	151.00
West North Central	140.00	140.00	148.00	146.00
Mountain	176.00	178.00	195.00	191.00
Pacific	210.00	217.00	226.00	225.00
PER WEEK WITH BOARD AND ROOM				
New England	30.50	30.50	33.25	32.50
Middle Atlantic	29.75	28.00	30.50	31.00
PER WEEK WITHOUT BOARD OR ROOM				
New England	41.50	42.00	43.75	43.75
Middle Atlantic	40.25	38.50	42.50	41.75
PER DAY WITH BOARD AND ROOM				
East North Central	5.50	5.40	5.80	5.60
West North Central	6.20	5.70	6.30	5.80
PER DAY WITH HOUSE				
South Atlantic	3.85	3.95	4.00	4.10
East South Central	3.30	3.25	3.40	3.40
West South Central	4.70	4.55	5.10	4.65
PER DAY WITHOUT BOARD OR ROOM				
New England	7.40	7.30	7.80	7.60
Middle Atlantic	7.10	6.90	7.40	7.30
East North Central	6.90	6.90	7.30	7.10
West North Central	7.60	7.20	7.80	7.40
South Atlantic	4.65	4.80	4.70	4.85
East South Central	3.95	3.90	4.15	3.95
West South Central	5.40	5.20	5.60	5.30
Mountain	7.50	7.10	7.90	7.20
PER HOUR WITH HOUSE				
South Atlantic	-	.54	-	.55
East South Central	-	.44	-	.47
West South Central	-	.57	-	.58
Pacific	.94	.96	1.02	.98
PER HOUR WITHOUT BOARD OR ROOM				
New England	.96	.96	1.01	1.01
Middle Atlantic	.93	.89	.96	.94
East North Central	.93	.92	.97	.97
West North Central	.94	.95	.98	.96
South Atlantic	.58	.62	.59	.64
East South Central	.52	.54	.54	.56
West South Central	.64	.66	.70	.66
Mountain	.90	.83	.98	.87
Pacific	1.02	1.03	1.08	1.06

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Farm wage rates: Wage rates by States and regions, January 1, 1952 1/

State and region	Per Month		Per Week		Per Day		Per Hour		Hourly composite wage rate	Indexes of composite rates 1910-14=100 2/
	With board and room	With house	With board and room	Without board or room	With board and room	With house	Without board or room	With house	Without board and room		
	Dollars		Dollars		Dollars		Dollars				
Maine	96.00	120.00	27.00	39.50	-	-	6.70	-	.89	.715	431
N. H.	117.00	150.00	31.50	43.00	-	-	7.50	-	.95	.796	524
Vt.	111.00	138.00	29.00	40.00	-	-	7.10	-	.93	.748	492
Mass.	116.00	157.00	32.50	44.50	-	-	7.80	-	1.01	.827	530
R. I.	120.00	165.00	32.50	44.00	-	-	7.50	-	.98	.820	569
Conn.	117.00	160.00	32.50	43.50	-	-	7.40	-	.98	.811	559
New Eng.	112.00	146.00	30.50	42.00	-	-	7.30	-	.96	.781	505
N. Y.	114.00	156.00	29.75	40.50	-	-	7.30	-	.95	.722	457
N. J.	121.00	165.00	31.00	42.00	-	-	7.40	-	.91	.737	526
Pa.	97.00	135.00	25.25	35.50	-	-	6.40	-	.83	.626	510
Mid. Atl.	107.00	148.00	28.00	38.50	-	-	6.90	-	.89	.682	487
Ohio	100.00	126.00	-	-	5.10	-	6.50	-	.91	.621	490
Ind.	96.00	128.00	-	-	4.95	-	6.40	-	.90	.610	495
Ill.	123.00	149.00	-	-	5.90	-	7.20	-	.95	.722	535
Mich.	104.00	145.00	-	-	5.60	-	7.20	-	.94	.669	491
Wis.	119.00	154.00	-	-	5.50	-	7.00	-	.91	.707	494
E.N.Cent.	110.00	142.00	-	-	5.40	-	6.90	-	.92	.673	505
Minn.	113.00	140.00	-	-	6.00	-	7.60	-	.99	.738	497
Iowa	129.00	148.00	-	-	6.40	-	8.00	-	1.04	.795	500
Mo.	93.00	118.00	-	-	4.60	-	5.70	-	.79	.593	529
N. Dak.	109.00	140.00	-	-	5.00	-	6.90	-	.94	.699	457
S. Dak.	120.00	149.00	-	-	5.80	-	7.20	-	.98	.749	468
Nebr.	127.00	159.00	-	-	6.40	-	8.40	-	1.01	.797	542
Kans.	115.00	149.00	-	-	6.10	-	7.80	-	1.00	.755	616
W.N.Cent.	114.00	140.00	-	-	5.70	-	7.20	-	.95	.721	512
Del.	-	-	-	-	-	5.10	6.40	.73	.78	.775	664
Md.	-	-	-	-	-	5.00	6.20	.72	.77	.762	713
Va.	-	-	-	-	-	4.10	5.20	.53	.66	.604	616
W. Va.	-	-	-	-	-	3.85	4.75	.57	.61	.581	423
N. C.	-	-	-	-	-	4.00	4.85	.50	.59	.561	586
S. C.	-	-	-	-	-	3.05	3.70	.41	.48	.440	541
Ga.	-	-	-	-	-	3.25	3.95	.44	.54	.475	491
Fla.	-	-	-	-	-	4.70	5.30	.63	.70	.643	586
S. Atl.	-	-	-	-	-	3.95	4.80	.54	.62	.568	575
Ky.	-	-	-	-	-	3.50	4.40	.51	.64	.544	479
Tenn.	-	-	-	-	-	3.15	3.85	.44	.54	.476	441
Ala.	-	-	-	-	-	3.25	3.85	.41	.49	.471	467
Miss.	-	-	-	-	-	3.20	3.65	.42	.54	.460	442
E.S.Cent.	-	-	-	-	-	3.25	3.90	.44	.54	.483	449
Ark.	-	-	-	-	-	4.00	4.50	.47	.55	.540	468
La.	-	-	-	-	-	3.65	4.10	.51	.58	.511	508
Okla.	-	-	-	-	-	5.40	6.00	.68	.79	.734	549
Tex.	-	-	-	-	-	4.95	5.70	.61	.70	.681	531
W.S.Cent.	-	-	-	-	-	4.55	5.20	.57	.66	.628	530
Mont.	147.00	175.00	-	-	-	-	9.30	-	1.00	.822	439
Idaho	165.00	200.00	-	-	-	-	8.30	-	1.01	.902	527
Wyo.	142.00	190.00	-	-	-	-	7.70	-	1.02	.836	434
Colo.	131.00	171.00	-	-	-	-	7.20	-	.89	.756	504
N. Mex.	116.00	146.00	-	-	-	-	6.10	-	.68	.636	523
Ariz.	135.00	190.00	-	-	-	-	7.00	-	.73	.744	460
Utah	169.00	180.00	-	-	-	-	7.20	-	1.00	.872	524
Nev.	145.00	171.00	-	-	-	-	7.40	-	1.00	.814	430
Mount.	137.00	178.00	-	-	-	-	7.10	-	.83	.761	473
Wash.	172.00	211.00	-	-	-	-	-	1.05	1.13	1.098	541
Oreg.	160.00	200.00	-	-	-	-	-	1.00	1.09	1.051	534
Calif.	164.00	219.00	-	-	-	-	-	.95	1.02	1.015	465
Pacific	164.00	217.00	-	-	-	-	-	.96	1.03	1.025	481
U. S.	116.00	141.00	27.25	35.00	5.00	4.20	5.20	.65	.86	.693	498

1/ Certain wage rates are not estimated for some States because they are relatively unimportant.
2/ Adjusted for seasonal variation.

UNITED STATES DEPARTMENT OF AGRICULTURE
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Farm wage rates: Wage rates by States and regions, January 1, 1953 1/

State and region	Per Month		Per Week		Per Day			Per Hour		Hourly composite wage rate	Indexes of composite rates 1910-14=100 2/
	With board and room	With house	With board and room	Without board or room	With board and room	Without board or room		With house	Without board or room		
	Dollars		Dollars		Dollars			Dollars			
Maine	108.00	130.00	32.00	41.50	-	-	7.00	-	.90	.762	459
N. H.	120.00	159.00	33.50	46.00	-	-	7.80	-	1.00	.844	555
Vt.	120.00	148.00	29.50	41.50	-	-	7.60	-	1.00	.784	516
Mass.	129.00	171.00	35.00	46.50	-	-	7.80	-	1.07	.873	560
R. I.	130.00	172.00	35.00	46.50	-	-	7.80	-	1.06	.872	606
Conn.	130.00	175.00	35.00	46.00	-	-	7.70	-	1.05	.866	597
New Eng.	122.00	156.00	32.50	43.75	-	-	7.60	-	1.01	.820	531
N. Y.	124.00	158.00	32.75	44.00	-	-	7.70	-	.99	.767	486
N. J.	129.00	184.00	33.25	48.25	-	-	7.80	-	.98	.805	575
Pa.	105.00	146.00	28.75	38.00	-	-	6.70	-	.88	.673	548
Mid. Atl.	116.00	156.00	31.00	41.75	-	-	7.30	-	.94	.728	519
Ohio	108.00	135.00	-	-	5.40	-	7.00	-	.96	.664	524
Ind.	102.00	136.00	-	-	5.40	-	6.80	-	.97	.649	527
Ill.	128.00	160.00	-	-	6.00	-	7.50	-	1.00	.755	559
Mich.	112.00	161.00	-	-	5.80	-	7.30	-	.96	.711	522
Wis.	124.00	161.00	-	-	5.60	-	7.10	-	.95	.730	510
E.N.Cent.	116.00	151.00	-	-	5.60	-	7.10	-	.97	.705	529
Minn.	114.00	143.00	-	-	6.00	-	7.70	-	1.00	.746	502
Iowa	131.00	156.00	-	-	6.60	-	8.40	-	1.07	.820	515
Mo.	93.00	125.00	-	-	4.90	-	6.10	-	.83	.617	551
N. Dak.	104.00	138.00	-	-	5.00	-	6.60	-	.90	.674	440
S. Dak.	118.00	149.00	-	-	5.70	-	7.40	-	1.01	.754	471
Nebr.	131.00	166.00	-	-	6.30	-	8.10	-	1.00	.802	546
Kans.	124.00	161.00	-	-	6.20	-	7.90	-	1.02	.788	643
W.N.Cent.	115.00	146.00	-	-	5.80	-	7.40	-	.96	.733	522
Del.	-	-	-	-	-	5.50	6.80	.79	.84	.824	707
Md.	-	-	-	-	-	5.20	6.40	.82	.87	.816	763
Va.	-	-	-	-	-	4.30	5.50	.53	.68	.628	640
W. Va.	-	-	-	-	-	4.00	4.70	.58	.62	.585	426
N. C.	-	-	-	-	-	4.25	5.00	.50	.60	.574	600
S. C.	-	-	-	-	-	3.15	3.85	.43	.51	.457	562
Ga.	-	-	-	-	-	3.40	4.05	.44	.55	.485	501
Fla.	-	-	-	-	-	4.80	5.10	.65	.72	.635	579
S. Atl.	-	-	-	-	-	4.10	4.85	.55	.64	.578	585
Ky.	-	-	-	-	-	3.65	4.45	.53	.65	.551	486
Tenn.	-	-	-	-	-	3.10	3.80	.43	.53	.467	433
Ala.	-	-	-	-	-	3.30	3.85	.43	.53	.476	471
Miss.	-	-	-	-	-	3.45	3.90	.49	.55	.488	469
E.S.Cent.	-	-	-	-	-	3.40	3.95	.47	.56	.492	457
Ark.	-	-	-	-	-	4.15	4.65	.50	.57	.558	482
La.	-	-	-	-	-	3.75	4.25	.48	.55	.516	512
Okla.	-	-	-	-	-	5.20	6.20	.70	.81	.745	558
Tex.	-	-	-	-	-	5.10	5.80	.62	.71	.693	541
W.S.Cent.	-	-	-	-	-	4.65	5.30	.58	.66	.634	534
Mont.	149.00	192.00	-	-	-	-	7.70	-	1.09	.869	464
Idaho	161.00	207.00	-	-	-	-	8.60	-	1.08	.919	537
Wyo.	140.00	187.00	-	-	-	-	7.40	-	1.02	.824	428
Colo.	134.00	180.00	-	-	-	-	7.40	-	.93	.784	523
N. Mex.	110.00	146.00	-	-	-	-	5.60	-	.70	.620	510
Ariz.	150.00	215.00	-	-	-	-	7.60	-	.84	.834	515
Utah	187.00	205.00	-	-	-	-	8.00	-	1.03	.953	573
Nev.	170.00	195.00	-	-	-	-	7.50	-	1.00	.893	472
Mount.	142.00	191.00	-	-	-	-	7.20	-	.87	.794	493
Wash.	175.00	225.00	-	-	-	-	-	1.08	1.15	1.121	552
Oreg.	169.00	204.00	-	-	-	-	-	1.03	1.09	1.060	538
Calif.	172.00	226.00	-	-	-	-	-	.97	1.05	1.045	478
Pacific	172.00	225.00	-	-	-	-	-	.98	1.06	1.054	495
U. S.	121.00	148.00	28.75	35.75	5.10	4.30	5.30	.68	.89	.715	514

1/ Certain wage rates are not estimated for some States because they are relatively unimportant.
2/ Adjusted for seasonal variation.

UNITED STATES DEPARTMENT OF AGRICULTURE
Bureau of Agricultural Economics

Farm employment: Annual averages and indexes of total, family and hired employment, United States, 1910-1952

Year	Total Employment		Family Workers		Hired Workers	
	Average number of persons	Index 1910-14=100	Average number of persons	Index 1910-14=100	Average number of persons	Index 1910-14=100
	Thousands		Thousands		Thousands	
1910	12,146	101	9,269	101	2,877	100
1911	12,042	100	9,172	100	2,870	99
1912	12,038	100	9,149	100	2,889	100
1913	12,033	100	9,128	100	2,905	100
1914	12,000	99	9,081	99	2,919	101
1915	11,981	99	9,047	99	2,934	101
1916	12,016	100	9,050	99	2,966	103
1917	11,789	98	8,856	97	2,933	101
1918	11,348	94	8,507	93	2,841	98
1919	11,106	92	8,322	91	2,784	96
1920	11,362	94	8,479	93	2,883	100
1921	11,412	95	8,511	93	2,901	100
1922	11,443	95	8,528	93	2,915	101
1923	11,385	94	8,491	93	2,894	100
1924	11,362	94	8,488	93	2,874	99
1925	11,466	95	8,579	94	2,887	100
1926	11,511	96	8,499	93	3,012	104
1927	11,243	93	8,288	90	2,955	102
1928	11,295	94	8,341	91	2,954	102
1929	11,282	94	8,302	91	2,980	103
1930	11,161	93	8,329	91	2,832	98
1931	11,258	93	8,560	93	2,698	93
1932	11,283	94	8,754	96	2,529	87
1933	11,347	94	8,861	97	2,486	86
1934	11,285	94	8,864	97	2,421	84
1935	11,654	97	9,130	100	2,524	87
1936	11,688	97	8,977	98	2,711	94
1937	11,651	97	8,850	97	2,801	97
1938	11,658	97	8,856	97	2,802	97
1939	11,723	97	8,915	97	2,808	97
1940	11,671	97	8,866	97	2,805	97
1941	11,419	95	8,652	94	2,767	96
1942	11,458	95	8,689	95	2,769	96
1943	11,329	94	8,704	95	2,625	91
1944	11,055	92	8,643	94	2,412	83
1945	10,813	90	8,548	93	2,265	78
1946	11,092	92	8,766	96	2,326	80
1947	11,166	93	8,759	96	2,407	83
1948	11,080	92	8,595	94	2,485	86
1949	10,756	89	8,326	91	2,430	84
1950	10,351	86	8,043	88	2,308	80
1951	10,022	83	7,799	85	2,223	77
1952	9,758	81	7,595	83	2,163	75

UNITED STATES DEPARTMENT OF AGRICULTURE
Bureau of Agricultural Economics

Farm wage rates: Annual average farm wage rates and index numbers, United States, 1910-52

Year	Per Month		Per Day		Monthly composite rate 1/	Index of composite rate 1910-14 = 100	Year	Per Month		Per Day		Monthly composite rate 1/	Index of composite rate 1910-14 = 100
	With board	Without board	With board	Without board				With board	Without board	With board	Without board		
	Dollars	Dollars	Dollars	Dollars	Dollars			Dollars	Dollars	Dollars	Dollars	Dollars	
1910	21.00	28.00	1.05	1.35	23.00	96	1930	37.50	48.00	1.80	2.15	42.00	175
1911	21.50	28.00	1.05	1.35	23.50	98	1931	28.50	38.00	1.30	1.65	32.00	133
1912	22.00	29.50	1.10	1.40	24.50	102	1932	20.50	29.00	.95	1.20	24.00	100
1913	22.50	30.00	1.15	1.40	25.00	104	1933	18.00	25.50	.90	1.15	21.50	89
1914	22.50	29.50	1.10	1.35	24.50	102	1934	20.00	28.00	1.00	1.25	24.00	100
1915	22.50	30.00	1.10	1.40	24.50	102	1935	22.00	30.50	1.10	1.35	26.50	110
1916	25.00	33.00	1.25	1.50	27.00	112	1936	24.00	32.50	1.20	1.45	28.50	118
1917	31.00	40.50	1.55	1.90	34.00	141	1937	27.50	36.50	1.35	1.65	32.00	133
1918	37.50	48.50	2.05	2.45	42.50	177	1938	27.00	36.00	1.30	1.55	31.00	129
1919	43.00	56.00	2.40	2.90	49.50	206	1939	27.00	36.00	1.25	1.55	31.00	129
1920	51.00	65.00	2.80	3.30	58.00	241	1940	27.50	37.50	1.30	1.60	31.50	131
1921	33.50	44.50	1.65	2.05	37.50	156	1941	34.50	44.50	1.65	1.95	38.50	160
1922	33.00	43.50	1.65	2.00	37.00	154	1942	45.50	59.00	2.20	2.55	50.00	208
1923	37.50	47.50	1.95	2.35	42.50	177	1943	59.00	77.00	2.90	3.30	66.00	274
1924	38.00	49.00	1.95	2.40	43.50	181	1944	71.00	91.00	3.50	3.95	79.00	328
1925	38.50	49.00	2.00	2.35	44.00	183	1945	79.00	101.00	3.85	4.35	88.00	366
1926	39.50	50.00	2.00	2.40	44.50	185	1946	86.00	108.00	4.20	4.80	96.00	399
1927	39.50	50.00	2.00	2.35	44.50	185	1947	92.00	117.00	4.50	5.10	102.00	424
1928	39.50	50.00	2.00	2.30	44.50	185	1948	99.00	124.00	4.80	5.40	107.00	445
1929	40.00	51.00	2.00	2.30	45.00	187	2/						

	Per Month		Per Week		Per Day			Per Hour			Index of composite rate 1910-14 = 100
	With board and room	With house	With board and room	Without board or room	With board and room	With house	Without board or room	With house	Without board or room	Composite rate per hour 3/	
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars		
1948	101.00	122.00	24.50	30.50	4.50	3.50	4.45	.64	.73	.580	445
1949	99.00	121.00	23.75	30.75	4.45	3.50	4.45	.63	.68	.559	430
1950	99.00	121.00	23.50	31.00	4.45	3.50	4.50	.62	.69	.561	432
1951	113.00	137.00	27.25	34.50	5.00	3.90	5.00	.69	.77	.625	481
1952	119.00	146.00	28.75	36.50	5.30	4.15	5.30	.74	.81	.661	508

1/ Weighted average of all rates on a per month basis.
2/ Different wage rate categories used after 1948.
3/ Weighted average of all rates on a per hour basis.

UNITED STATES DEPARTMENT OF AGRICULTURE
Bureau of Agricultural Economics

Farm wage rates: Annual average rates and index numbers, by States, 1951

State and region	Per Month		Per Week		Per Day			Per Hour		Composite rate	Indexes of composite rates
	With board and room	With house	With board and room	Without board or room	With board and room	With house	Without board or room	With house	Without board or room		
	Dollars		Dollars		Dollars			Dollars			
Maine	96.00	120.00	27.25	38.75	-	-	6.60	-	.88	.707	426
N. H.	111.00	146.00	30.00	41.25	-	-	7.20	-	.94	.757	498
Vt.	110.00	139.00	28.75	39.00	-	-	7.00	-	.94	.739	486
Mass.	113.00	158.00	31.00	43.00	-	-	7.80	-	.99	.799	522
R. I.	117.00	163.00	32.25	43.50	-	-	7.90	-	1.00	.813	565
Conn.	117.00	160.00	32.00	43.25	-	-	7.90	-	1.00	.810	559
New Eng.	109.00	144.00	29.75	40.75	-	-	7.30	-	.95	.759	496
N. Y.	110.00	148.00	29.75	40.25	-	-	7.40	-	.97	.736	457
N. J.	120.00	161.00	30.75	41.25	-	-	7.60	-	.95	.747	534
Pa.	97.00	132.00	26.25	36.00	-	-	6.40	-	.82	.636	513
Mid. Atl.	106.00	144.00	28.25	38.50	-	-	7.00	-	.91	.894	485
Ohio	100.00	127.00	-	-	5.00	-	6.40	-	.90	.655	496
Ind.	98.00	124.00	-	-	5.00	-	6.30	-	.91	.652	513
Ill.	121.00	146.00	-	-	5.90	-	7.20	-	.94	.708	524
Mich.	111.00	145.00	-	-	5.50	-	7.10	-	.93	.695	500
Wis.	116.00	146.00	-	-	5.50	-	7.00	-	.91	.694	475
E.N.Cent.	109.00	137.00	-	-	5.40	-	6.80	-	.92	.681	501
Minn.	120.00	142.00	-	-	6.50	-	8.10	-	.99	.775	491
Iowa	129.00	147.00	-	-	6.90	-	8.40	-	1.03	.808	493
Mo.	91.00	115.00	-	-	4.55	-	5.60	-	.76	.574	512
N. Dak.	138.00	162.00	-	-	6.30	-	8.30	-	1.01	.801	460
S. Dak.	131.00	153.00	-	-	6.60	-	8.30	-	1.04	.802	486
Nebr.	127.00	159.00	-	-	6.60	-	8.30	-	1.00	.790	527
Kans.	114.00	147.00	-	-	6.20	-	8.00	-	.97	.759	607
W.N.Cent.	115.00	140.00	-	-	6.10	-	7.50	-	.94	.731	504
Del.	-	-	-	-	-	5.10	6.40	.72	.81	.700	642
Md.	-	-	-	-	-	5.00	6.40	.70	.80	.694	701
Va.	-	-	-	-	-	4.05	5.20	.52	.62	.547	608
W. Va.	-	-	-	-	-	3.80	4.65	.55	.61	.514	408
N. C.	-	-	-	-	-	3.90	4.55	.48	.54	.483	555
S. C.	-	-	-	-	-	2.85	3.40	.38	.43	.370	500
Ga.	-	-	-	-	-	3.15	3.80	.44	.51	.424	482
Fla.	-	-	-	-	-	4.45	4.85	.56	.63	.535	546
S. Atl.	-	-	-	-	-	3.80	4.45	.50	.56	.486	546
Ky.	-	-	-	-	-	3.45	4.40	.49	.65	.500	472
Tenn.	-	-	-	-	-	3.00	3.80	.43	.51	.424	428
Ala.	-	-	-	-	-	3.15	3.70	.40	.50	.428	470
Miss.	-	-	-	-	-	3.10	3.50	.41	.50	.422	454
E.S.Cent.	-	-	-	-	-	3.20	3.80	.43	.52	.439	453
Ark.	-	-	-	-	-	3.95	4.40	.47	.53	.490	458
La.	-	-	-	-	-	3.40	3.90	.45	.51	.450	474
Okla.	-	-	-	-	-	5.20	6.00	.67	.77	.687	524
Tex.	-	-	-	-	-	4.85	5.60	.58	.66	.613	507
W.S.Cent.	-	-	-	-	-	4.50	5.10	.54	.63	.573	507
Mont.	160.00	187.00	-	-	-	-	8.00	-	1.03	.810	424
Idaho	165.00	198.00	-	-	-	-	8.40	-	1.01	.831	486
Wyo.	139.00	180.00	-	-	-	-	7.10	-	1.02	.768	411
Colo.	130.00	167.00	-	-	-	-	7.20	-	.87	.706	480
N. Mex.	118.00	140.00	-	-	-	-	6.10	-	.73	.608	520
Ariz.	138.00	191.00	-	-	-	-	6.60	-	.72	.682	464
Utah	164.00	184.00	-	-	-	-	7.70	-	.99	.801	510
Nev.	146.00	175.00	-	-	-	-	7.50	-	1.01	.774	430
Mount.	142.00	175.00	-	-	-	-	7.30	-	.89	.733	464
Wash.	171.00	213.00	-	-	-	-	-	.99	1.07	1.033	509
Oreg.	160.00	194.00	-	-	-	-	-	1.00	1.07	1.024	509
Calif.	160.00	210.00	-	-	-	-	-	.92	.99	.960	449
Pacific	161.00	208.00	-	-	-	-	-	.93	1.01	.976	463
U. S.	113.00	137.00	27.25	34.50	5.00	3.90	5.00	.69	.77	.625	481

UNITED STATES DEPARTMENT OF AGRICULTURE
Bureau of Agricultural Economics

Farm wage rates: Annual average rates and index numbers, by States, 1952

State and region	Per Month		Per Week		Per Day			Per Hour		Com-posite rate per hour	Indexes of composite rates 1910-14=100
	With board and room	With house	With board and room	Without board or room	With board and room	With house	Without board or room	With house	Without board or room		
	Dollars		Dollars		Dollars			Dollars			
Maine	102.00	128.00	30.00	42.00	-	-	7.20	-	.94	.763	460
N. H.	118.00	155.00	34.00	44.75	-	-	7.90	-	.98	.815	536
Vt.	117.00	145.00	29.25	40.25	-	-	7.30	-	.97	.764	503
Mass.	125.00	166.00	34.75	46.75	-	-	8.00	-	1.04	.850	556
R. I.	125.00	168.00	34.75	47.00	-	-	8.10	-	1.03	.853	592
Conn.	126.00	168.00	34.75	46.50	-	-	8.10	-	1.03	.849	586
N. Eng.	117.00	151.00	32.00	43.50	-	-	7.60	-	.99	.802	524
N. Y.	120.00	160.00	31.50	43.00	-	-	7.80	-	1.00	.775	481
N. J.	126.00	177.00	32.25	46.00	-	-	7.90	-	.97	.783	559
Pa.	103.00	141.00	27.75	38.00	-	-	6.60	-	.88	.677	546
Mid. Atl.	114.00	155.00	30.00	41.25	-	-	7.30	-	.94	.734	513
Ohio	110.00	135.00	-	-	5.40	-	7.00	-	.96	.706	535
Ind.	105.00	135.00	-	-	5.40	-	7.00	-	.94	.688	542
Ill.	131.00	161.00	-	-	6.30	-	7.80	-	1.01	.763	565
Mich.	115.00	155.00	-	-	5.90	-	7.40	-	.97	.733	527
Wis.	124.00	159.00	-	-	5.80	-	7.40	-	.96	.735	503
E.N.Cent.	117.00	149.00	-	-	5.80	-	7.30	-	.97	.726	534
Minn.	127.00	151.00	-	-	6.70	-	8.40	-	1.04	.815	516
Iowa	138.00	159.00	-	-	7.20	-	8.90	-	1.08	.856	522
Mo.	98.00	124.00	-	-	5.00	-	6.10	-	.83	.625	558
N. Dak.	140.00	168.00	-	-	6.40	-	8.60	-	1.00	.810	466
S. Dak.	133.00	160.00	-	-	6.70	-	8.40	-	1.01	.805	488
Nebr.	137.00	172.00	-	-	7.10	-	9.00	-	1.06	.847	565
Kans.	124.00	159.00	-	-	7.20	-	8.70	-	1.07	.845	676
W.N.Cent.	122.00	150.00	-	-	6.50	-	8.00	-	1.00	.777	536
Del.	-	-	-	-	-	5.40	6.70	.76	.83	.726	666
Md.	-	-	-	-	-	5.20	6.40	.77	.83	.715	722
Va.	-	-	-	-	-	4.35	5.50	.57	.68	.586	651
W. Va.	-	-	-	-	-	4.05	4.90	.59	.64	.545	433
N. C.	-	-	-	-	-	4.20	4.85	.52	.58	.518	595
S. C.	-	-	-	-	-	3.15	3.70	.42	.45	.398	538
Ga.	-	-	-	-	-	3.40	3.90	.46	.53	.441	501
Fla.	-	-	-	-	-	4.50	4.85	.61	.67	.551	562
S. Atl.	-	-	-	-	-	4.00	4.65	.54	.59	.509	572
Ky.	-	-	-	-	-	3.65	4.60	.52	.70	.526	496
Tenn.	-	-	-	-	-	3.20	3.90	.43	.53	.439	443
Ala.	-	-	-	-	-	3.20	3.80	.42	.51	.437	480
Miss.	-	-	-	-	-	3.35	3.75	.47	.51	.445	478
E.S.Cent.	-	-	-	-	-	3.35	4.00	.46	.54	.457	471
Ark.	-	-	-	-	-	4.15	4.55	.49	.57	.515	481
La.	-	-	-	-	-	3.60	4.10	.46	.54	.474	499
Okla.	-	-	-	-	-	5.60	6.40	.71	.80	.717	547
Tex.	-	-	-	-	-	5.20	5.90	.62	.73	.664	549
W.S.Cent.	-	-	-	-	-	4.70	5.40	.57	.68	.608	538
Mont.	163.00	200.00	-	-	-	-	8.70	-	1.13	.874	458
Idaho	173.00	212.00	-	-	-	-	9.00	-	1.09	.891	521
Wyo.	148.00	198.00	-	-	-	-	7.90	-	1.10	.830	444
Colo.	143.00	187.00	-	-	-	-	7.90	-	.96	.779	530
N. Mex.	115.00	149.00	-	-	-	-	6.00	-	.76	.617	527
Ariz.	144.00	205.00	-	-	-	-	7.10	-	.79	.735	500
Utah	172.00	196.00	-	-	-	-	8.00	-	1.07	.851	542
Nev.	158.00	186.00	-	-	-	-	7.70	-	1.04	.807	448
Mount.	148.00	190.00	-	-	-	-	7.70	-	.96	.781	494
Wash.	184.00	223.00	-	-	-	-	-	1.05	1.12	1.077	531
Oreg.	174.00	205.00	-	-	-	-	-	1.02	1.10	1.056	525
Calif.	170.00	225.00	-	-	-	-	-	.98	1.05	1.016	475
Pacific	172.00	223.00	-	-	-	-	-	1.00	1.06	1.029	488
U. S.	119.00	146.00	28.75	36.50	5.30	4.15	5.30	.74	.81	.661	508

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