Farm Labor

BUREAU OF AGRICULTURAL ECONOMICS

UNITED STATES DEPARTMENT OF AGRICULTURE

Washington, D. C.   BAE   October 9, 1953

FARM EMPLOYMENT AT SEASONAL PEAK
WAGE RATES STEADY

A total of 11,299,000 persons were working on farms across the Nation during the week of September 20-26, the Bureau of Agricultural Economics reported today. This total was composed of 8,231,000 family workers, including farm operators, and 3,068,000 hired workers. Total farm employment reached its seasonal peak with 14 percent more workers than the previous month. However, both family and hired workers numbered 4 percent less than a year earlier and the total was at the lowest level for September in nearly 30 years of record.

October 1 farm wage rates were 3 percent higher than July 1 rates - about the usual seasonal increase. The average of all rates converted to an hourly basis increased from 67.5 cents to 69.7 cents. Compared to a year earlier, farm wage rates were up only 1 percent. Nearly all types of wage rates rose slightly from a year earlier. All regions showed small increases in the average of all rates from 1952 except the West South Central, Mountain, and Pacific States where decreases were moderate or there was no change.

The seasonally adjusted index of wage rates on October 1 was down from July 1 in the South Atlantic, Mountain, and Pacific States and up in the Middle Atlantic, North Central, and South Central States. The index for New England remained unchanged.

Wage rates per day, without board or room ranged from $3.70 in South Carolina to $9.30 in Idaho. These rates were below $5.00 in eight Southern States. Average rates per hour without board or room were 70 cents or lower in all of the East South Central States, most of the South Atlantic States, and in Arkansas and Louisiana. Most other States ranged between 90 cents and $1.10 per hour.

The weather was ideal for harvest operations during the survey week in nearly all areas. In the South Atlantic Coast area, a hurricane moved in at the end of the week, causing some crop damage. Warm, dry weather prevailed in the rest of the country. Dry soils delayed field preparation and planting of winter grains in many areas.

Cotton picking was the major activity in the Cotton Belt with harvest nearing completion in the Gulf Coast Plains. Reports indicated that in some local areas more pickers could have been used but in general the harvest was progressing rapidly.

Continued warm, dry weather hastened the maturity of corn. Some was picked during the survey week but a major part of the crop was not dry enough for cribbing. Silo filling was very active on dairy farms, speeded in the northern areas by killing frosts. Soybean harvest was in full swing in the Corn Belt. Dry bean harvest was active in the Northwest and in Michigan and New York but harvest was completed in some of the earlier producing States.

Planting of winter wheat was under way in most regions but in many areas, dry soils delayed field preparation and planting. In parts of the lower Great Plains, wheat was planted "in the dust," relying on later rains to bring up a stand.

Substantial numbers of seasonal workers were picking late fruit, such as apples, grapes, and pears in the Great Lakes and Eastern States and on the Pacific Coast, and they were picking citrus in California and Florida. Other seasonal workers were engaged in harvest of late potatoes and late vegetable crops.

Other major harvest activities were tobacco stripping, grading and marketing in the Border States; harvest of rice in Louisiana, Arkansas, and Texas; peanuts and sweet potatoes in the South, and sorghums in Kansas, Oklahoma, and Texas. Western livestock producers were marketing cattle and lambs and moving herds from summer pasture.

Most regions showed decreases in total farm employment from a year ago with the greatest drops in the South Atlantic and East South Central States. There were a few more workers in the New England and Middle Atlantic States.

Compared to the previous month, the total number of persons working on farms increased in all regions except the New England and North Central States which declined slightly as is usual for this time of the year. Each of the South Central regions where cotton picking was active, increased about 50 percent. The increase amounted to more than 700,000 workers in the East South Central States and nearly 500,000 in the West South Central States. These seasonal changes were about normal, as were the smaller increases in the other regions.

Changes in number of family workers from last year varied regionally. In the South Atlantic States, the decrease amounted to 8 percent and in the East South Central to 6 percent but other regions showed little or no change.

The increase in family workers from the previous month was slightly less than usual, chiefly because of smaller than usual increases in the South Atlantic and South Central States. In the South Atlantic States, the number of family workers increased by about 250,000, in the East South Central by more than 500,000, and in the West South Central by 275,000. The Middle Atlantic and Mountain States increased moderately as usual while the other regions showed their usual small declines.

Less hired farm workers than last year were employed in each region except New England and the West South Central States where the increases in numbers of workers were moderate. In the South Atlantic States hired employment declined 14 percent or 70,000 workers and in the West North Central and East South Central about 5 percent or about 25,000 workers each. In other regions decreases were small.

The increase in the number of hired farm workers from August to September was of the usual magnitude. The greatest increases were in the East South Central and West South Central Regions with about 200,000 more hired workers in each. In the latter region, this was a larger than normal percentage increase. The Middle Atlantic, East North Central and Pacific Regions all showed the usual increase in hired employment of about 10 percent. In the South Atlantic States, the decrease of 14 percent or 71,000 hired workers was more than twice the usual decline. The other decrease of importance was in the West North Central States where the drop was 50,000 workers, about the usual percentage decline.

UNITED STATES DEPARTMENT OF AGRICULTURE
Bureau of Agricultural Economics

REVISION OF FARM EMPLOYMENT SERIES

This issue contains revised estimates of the Bureau of Agricultural
Economics farm employment series. Annual averages are presented for the
United States and geographic divisions for the period 1910 to date, and also
monthly data for the United States from 1940. Monthly data for the geogra-
phic divisions from 1940 to date, a discussion of the farm employment series,
comparisons with related series, and a statement of the methods used in the
revision will appear in a separate publication.

The revision of the farm employment series of the Bureau of Agricul-
tural Economics was undertaken for two reasons. One was to bring the esti-
mates in line with the data made available by the results of the 1950 Census
of Agriculture; the second was to re-examine the long-time trend in the entire
series from the standpoint of possible improvements in the comparability of
the estimates from one period to another. The use of decennial census data
as bench mark points for the series has been an essential part of the tech-
nique used in the development of BAE current estimates of farm employment and
in the revision of the estimates in the light of the most recent census data.

A partial revision of BAE estimates of farm employment was made in 1949
and 1950 when BAE put into effect for its current series certain modifications
in the concepts and definitions of farm employment previously used. The results
of national enumerative sample surveys made by BAE at varying intervals during
1945-48 were utilized in the partial revision made in 1949-50. Time did not
permit a thoroughgoing re-examination of the entire historical series back to
1910 and the revision was therefore restricted to the period subsequent to
1930. It was recognized, however, that the results of this partial revision
might have affected the comparability of the estimates for the earlier decades
with those for the more recent periods.

The present revision thus makes use of data from the 1950 Census of
Agriculture on farm employment and in addition incorporates revisions made
by BAE in its bench mark points based on previous decennial census data. The
effect of the revision is to lower the estimates for the past 15 years and
to raise them for the earlier years. The revisions do not introduce any
change in concepts or definitions of farm employment currently used, which
are identical with those used in the 1950 Census of Agriculture and with the
definitions adopted by BAE for its current series at the time of the revision
made in 1949-50. It is believed that the study made of all relevant data in
connection with the revision here published has permitted the development of
farm employment series, for the United States as a whole and for the separate
geographical divisions, which are more valid in their long-time trends than
was the case with the previous series.

Comparisons of the revised series and the old series show the revised
series for family workers (farm operators and unpaid family workers) 800,000
under the old series for 1950. For 1950, the revised series is based on the
Census of Agriculture data while the old series is based on bench marks de-
rived from 1945-48 interview surveys. The bench marks are probably high

because of use of 1940 numbers of farms for expansion, and because the wording of the questions used may have given an overcount of family workers. For 1940, the revised series is about 500,000 below the old series. Since the old series for 1940 is based on the 1945-48 interview surveys it is, as with 1950, also on the high side.

For 1910, 1920, and 1930 the revised estimates of family employment are a million to a million and a half above the unrevised estimate. In the old series the Census of Population counts of "gainful workers" were accepted as an estimate of the annual average number of workers as well as the estimate for April 1. However, both the 1940 and 1950 Censuses of Population show a substantially lower level of family workers in agriculture than the level shown by the Censuses of Agriculture for the same years. It is to be expected that employment counts based on the household interview technique of the Population Census (with either gainful worker or labor force concepts) would be lower than those from an "establishment-reporting" approach used in the Census of Agriculture and in BAE surveys. The counts of family workers in agriculture in the 1910, 1920, and 1930 Censuses of Population were therefore adjusted upward to make them comparable with the establishment-reported levels of the 1950 Census of Agriculture.

The revised series for hired workers is 100,000 to 200,000 under the old estimates for 1940 and 1950 and 350,000 to 500,000 higher for 1910, 1920, and 1930. The changes in 1940 and 1950 are due to acceptance of the 1950 Census of Agriculture data as bench marks. For the earlier census periods, Census data were accepted for bench marks, except for 1920 which was adjusted from a January 1 to an April 1 date, in both the revised and unrevised series. The difference in annual average level between the revised and unrevised level is caused by use of a seasonal pattern which established the annual average at a point lower than the bench mark estimate in the revised series while in the old series the bench mark was accepted as the annual average.

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 nonfarm 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 3 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 employment; they are classified by Census as working on nonagricultural employment, but by the 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 the 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.

UNITED STATES DEPARTMENT OF AGRICULTURE
Bureau of Agricultural Economics

Farm employment: Persons employed during week of September 20-26, 1953,
United States, with comparisons

	:September : average :1948-52 1/:	:September : 21-27, : 1952	: August : 23-29, : 1953	:September : 20-26, : 1953
FARM EMPLOYMENT (Thousands of persons):				
Total	12,669	11,728	9,903	11,299
Family labor	9,213	8,534	7,182	8,231
Hired labor	3,456	3,194	2,721	3,068
FARM EMPLOYMENT INDEXES (Adjusted for				
seasonal variation, 1910-14=100)				
Total	69	65	64	62
Family labor	72	67	67	64
Hired labor	64	59	55	56

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, October 1, 1953,
United States, with comparisons 1/

	: July 1,: 1952	:October 1,: 1952	: July 1,: 1953	:October 1, : 1953
FARM WAGE RATES				
Per month with board and room	$121.00	$122.00	$124.00	$123.00
Per month with house	155.00	146.00	161.00	150.00
Per week with board and room	30.00	29.25	31.50	30.25
Per week without board or room	40.00	35.75	39.50	38.00
Per day with board and room	5.80	5.10	5.80	5.30
Per day with house	4.15	4.25	4.05	4.30
Per day without board or room	5.20	5.60	5.30	5.70
Per hour with house	.80	.87	.81	.87
Per hour without board or room	.87	.76	.89	.77
Composite rate per hour 2/.........	.664	.688	.675	.697
FARM WAGE RATE INDEXES (1910-14=100)				
Adjusted for seasonal variation ...	506	499	514	515
RELATED INDEXES (1910-14=100)				
Prices received by farmers 3/	294	285	259	256*
Ratio of prices received to farm				
wage rates	58	57	50	50

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.
* September 15, 1953.

Farm employment: Persons employed during week of September 20-26, 1953,
United States and geographic divisions, with comparisons

Geographic division	:September : average :1948-52 1/:	August : 24-30, : 1952 :	September: 21-27, : 1952 :	August : 23-29, : 1953 :	September : 20-26, : 1953
	Thousands	Thousands	Thousands	Thousands	Thousands
		TOTAL FARM EMPLOYMENT			
United States	12,669	10,014	11,728	9,903	11,299
New England	216	203	187	212	205
Middle Atlantic	748	656	690	648	696
East North Central	1,562	1,482	1,450	1,462	1,438
West North Central	2,051	1,892	1,901	1,894	1,840
South Atlantic	2,450	1,968	2,295	1,914	2,088
East South Central	2,447	1,494	2,310	1,445	2,176
West South Central	1,815	1,083	1,599	1,108	1,584
Mountain	542	476	484	469	478
Pacific	838	760	812	751	794
		FAMILY WORKERS 2/			
United States	9,213	7,349	8,534	7,182	8,231
New England	130	123	117	126	119
Middle Atlantic	478	428	445	426	456
East North Central	1,240	1,242	1,162	1,214	1,162
West North Central	1,652	1,532	1,547	1,514	1,511
South Atlantic	1,925	1,459	1,792	1,410	1,655
East South Central	1,986	1,240	1,832	1,179	1,722
West South Central	1,158	720	1,032	728	1,003
Mountain	299	263	275	252	276
Pacific	345	342	332	333	327
		HIRED WORKERS 3/			
United States	3,456	2,665	3,194	2,721	3,068
New England	86	80	70	86	86
Middle Atlantic	270	228	245	222	240
East North Central	322	240	288	248	276
West North Central	399	360	354	380	329
South Atlantic	525	509	503	504	433
East South Central	461	254	478	266	454
West South Central	657	363	567	380	581
Mountain	243	213	209	217	202
Pacific	493	418	480	418	467

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.

Farm employment: Average number of persons employed per month, January through September 1953, United States and geographic divisions, with comparisons 1/

Geographic division	1948-52	1950	1951	1952	1953
	Thousands	Thousands	Thousands	Thousands	Thousands
			TOTAL FARM EMPLOYMENT		
United States	9,551	9,426	9,073	8,779	8,677
New England	186	183	178	173	175
Middle Atlantic	593	595	567	552	550
East North Central	1,452	1,434	1,395	1,363	1,348
West North Central	1,773	1,745	1,682	1,626	1,619
South Atlantic	1,769	1,745	1,669	1,610	1,559
East South Central	1,438	1,430	1,373	1,321	1,311
West South Central	1,273	1,241	1,191	1,122	1,112
Mountain	414	413	392	384	382
Pacific	653	640	626	628	621
			FAMILY WORKERS 2/		
United States	7,384	7,287	7,034	6,792	6,688
New England	126	126	117	116	116
Middle Atlantic	421	418	403	394	396
East North Central	1,233	1,218	1,186	1,163	1,151
West North Central	1,497	1,469	1,426	1,386	1,382
South Atlantic	1,363	1,346	1,278	1,234	1,186
East South Central	1,221	1,213	1,171	1,111	1,082
West South Central	922	903	877	820	812
Mountain	259	257	247	241	240
Pacific	342	337	329	327	323
			HIRED WORKERS 3/		
United States	2,167	2,139	2,039	1,987	1,989
New England	60	57	61	57	59
Middle Atlantic	172	177	164	158	154
East North Central	219	216	209	200	197
West North Central	276	276	256	240	237
South Atlantic	406	399	391	376	373
East South Central	217	217	202	210	229
West South Central	351	338	314	302	300
Mountain	155	156	145	143	142
Pacific	311	303	297	301	298

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.

Farm employment: Annual averages of total, family and hired employment,
1910-52, revised, United States and geographic divisions

Year	United States		
	Family	Hired	Total
	Thousands	Thousands	Thousands
1910	10,174	3,381	13,555
1911	10,169	3,370	13,539
1912	10,162	3,397	13,559
1913	10,158	3,414	13,572
1914	10,147	3,433	13,580
1915	10,140	3,452	13,592
1916	10,144	3,488	13,632
1917	10,121	3,447	13,568
1918	10,053	3,338	13,391
1919	9,968	3,275	13,243
1920	10,041	3,391	13,432
1921	10,001	3,397	13,398
1922	9,936	3,401	13,337
1923	9,798	3,364	13,162
1924	9,705	3,326	13,031
1925	9,715	3,321	13,036
1926	9,526	3,450	12,976
1927	9,278	3,364	12,642
1928	9,340	3,351	12,691
1929	9,360	3,403	12,763
1930	9,307	3,190	12,497
1931	9,642	3,103	12,745
1932	9,922	2,894	12,816
1933	9,874	2,865	12,739
1934	9,765	2,862	12,627
1935	9,855	2,878	12,733
1936	9,350	2,981	12,331
1937	9,054	2,924	11,978
1938	8,815	2,807	11,622
1939	8,611	2,727	11,338
1940	8,300	2,679	10,979
1941	8,017	2,652	10,669
1942	7,949	2,555	10,504
1943	8,010	2,436	10,446
1944	7,988	2,231	10,219
1945	7,881	2,119	10,000
1946	8,106	2,189	10,295
1947	8,115	2,267	10,382
1948	8,026	2,337	10,363
1949	7,712	2,252	9,964
1950	7,252	2,090	9,342
1951	6,997	1,988	8,985
1952	6,748	1,921	8,669

Farm employment: Annual averages of total, family and hired employment, 1910-52,
revised, United States and geographic divisions --Cont'd.

Year	New England			Middle Atlantic			East North Central		
	Family	Hired	Total	Family	Hired	Total	Family	Hired	Total
	Thousands			Thousands			Thousands		
1910	255	113	368	632	308	940	1,617	440	2,057
1911	248	112	360	627	304	931	1,609	441	2,050
1912	244	112	356	618	302	920	1,600	443	2,043
1913	240	112	352	615	300	915	1,592	445	2,037
1914	235	111	346	609	298	907	1,583	447	2,030
1915	229	110	339	603	296	899	1,574	450	2,024
1916	225	111	336	598	293	891	1,567	453	2,020
1917	219	109	328	591	289	880	1,553	449	2,002
1918	208	102	310	573	267	840	1,529	444	1,973
1919	196	98	294	553	255	808	1,501	436	1,937
1920	199	101	300	561	263	824	1,507	444	1,951
1921	197	101	298	555	261	816	1,479	443	1,922
1922	195	100	295	545	258	803	1,447	434	1,881
1923	191	101	292	533	254	787	1,420	429	1,849
1924	190	98	288	524	246	770	1,395	425	1,820
1925	188	97	285	518	236	754	1,374	427	1,801
1926	182	95	277	488	246	734	1,328	441	1,769
1927	179	99	278	461	227	688	1,273	421	1,694
1928	170	99	269	457	240	697	1,261	406	1,667
1929	171	99	270	459	230	689	1,264	413	1,677
1930	169	101	270	453	238	691	1,247	386	1,633
1931	175	101	276	461	231	692	1,288	377	1,665
1932	176	100	276	461	209	670	1,329	355	1,684
1933	172	95	267	471	213	684	1,363	355	1,718
1934	172	86	258	484	214	698	1,361	353	1,714
1935	169	85	254	492	216	708	1,390	360	1,750
1936	164	85	249	480	219	699	1,358	366	1,724
1937	164	82	246	474	223	697	1,341	354	1,695
1938	161	78	239	474	218	692	1,354	341	1,695
1939	162	75	237	476	209	685	1,321	328	1,649
1940	160	75	235	472	207	679	1,285	319	1,604
1941	156	72	228	453	199	652	1,258	300	1,558
1942	164	68	232	454	197	651	1,260	278	1,538
1943	168	68	236	457	188	645	1,258	261	1,519
1944	162	67	229	455	175	630	1,257	228	1,485
1945	160	65	225	452	174	626	1,257	214	1,471
1946	156	63	219	455	185	640	1,295	222	1,517
1947	148	63	211	452	183	635	1,303	220	1,523
1948	140	61	201	446	181	627	1,300	229	1,529
1949	130	60	190	433	181	614	1,241	231	1,472
1950	123	56	179	412	173	585	1,192	208	1,400
1951	116	58	174	397	162	559	1,159	203	1,362
1952	114	55	169	389	156	545	1,138	194	1,332

Farm employment: Annual averages of total, family and hired employment, 1910-52,
revised, United States and geographic divisions --Cont'd.

Year	West North Central			South Atlantic			East South Central		
	Family	Hired	Total	Family	Hired	Total	Family	Hired	Total
	Thousands			Thousands			Thousands		
1910	1,738	456	2,194	1,995	629	2,624	1,894	432	2,326
1911	1,730	461	2,191	2,002	621	2,623	1,889	420	2,309
1912	1,722	471	2,193	2,008	618	2,626	1,884	417	2,301
1913	1,715	479	2,194	2,013	615	2,628	1,879	411	2,290
1914	1,707	487	2,194	2,017	615	2,632	1,875	404	2,279
1915	1,699	497	2,196	2,020	612	2,632	1,871	398	2,269
1916	1,691	506	2,197	2,028	614	2,642	1,864	393	2,257
1917	1,682	508	2,190	2,030	599	2,629	1,857	380	2,237
1918	1,665	501	2,166	2,030	576	2,606	1,843	360	2,203
1919	1,645	501	2,146	2,027	559	2,586	1,828	346	2,174
1920	1,651	519	2,170	2,042	576	2,618	1,833	353	2,186
1921	1,648	526	2,174	2,036	579	2,615	1,835	353	2,188
1922	1,641	529	2,170	2,019	584	2,603	1,827	351	2,178
1923	1,627	535	2,162	1,967	562	2,529	1,810	348	2,158
1924	1,616	545	2,161	1,931	553	2,484	1,800	340	2,140
1925	1,628	564	2,192	1,921	542	2,463	1,800	347	2,147
1926	1,602	609	2,211	1,813	549	2,362	1,788	359	2,147
1927	1,584	617	2,201	1,789	554	2,343	1,743	350	2,093
1928	1,580	586	2,166	1,810	564	2,374	1,763	328	2,091
1929	1,566	579	2,145	1,754	572	2,326	1,854	347	2,201
1930	1,560	521	2,081	1,786	525	2,311	1,817	321	2,138
1931	1,582	510	2,092	1,830	533	2,363	1,890	312	2,202
1932	1,646	495	2,141	1,914	529	2,443	1,964	290	2,254
1933	1,642	458	2,100	1,863	511	2,374	1,930	296	2,226
1934	1,638	407	2,045	1,817	546	2,363	1,897	309	2,206
1935	1,667	376	2,043	1,916	542	2,458	1,892	320	2,212
1936	1,594	339	1,933	1,831	555	2,386	1,742	365	2,107
1937	1,538	321	1,859	1,786	529	2,315	1,697	347	2,044
1938	1,519	305	1,824	1,750	504	2,254	1,623	334	1,957
1939	1,515	307	1,822	1,705	496	2,201	1,548	315	1,863
1940	1,489	315	1,804	1,622	488	2,110	1,483	297	1,780
1941	1,468	321	1,789	1,544	452	1,996	1,388	294	1,682
1942	1,455	310	1,765	1,560	438	1,998	1,360	277	1,637
1943	1,490	290	1,780	1,557	424	1,981	1,375	270	1,645
1944	1,502	264	1,766	1,566	378	1,944	1,352	242	1,594
1945	1,503	241	1,744	1,522	358	1,880	1,329	216	1,545
1946	1,565	265	1,830	1,552	373	1,925	1,388	227	1,615
1947	1,610	290	1,900	1,560	400	1,960	1,369	230	1,599
1948	1,617	296	1,913	1,505	425	1,930	1,371	250	1,621
1949	1,535	274	1,809	1,441	401	1,842	1,345	247	1,592
1950	1,446	259	1,705	1,334	374	1,708	1,267	232	1,499
1951	1,401	240	1,641	1,271	363	1,634	1,220	213	1,433
1952	1,366	222	1,588	1,223	351	1,574	1,154	225	1,379

Farm employment: Annual averages of total, family and hired employment, 1910-52, revised, United States and geographic divisions --Cont'd.

Year	West South Central			Mountain			Pacific		
	Family:	Hired:	Total :	Family:	Hired:	Total :	Family:	Hired:	Total
	Thousands			Thousands			Thousands		
1910	1,576	613	2,189	227	205	432	240	185	425
1911	1,584	615	2,199	235	206	441	245	190	435
1912	1,594	624	2,218	243	212	455	249	198	447
1913	1,601	633	2,234	251	216	467	252	203	455
1914	1,604	641	2,245	259	221	480	258	209	467
1915	1,613	650	2,263	269	226	495	262	213	475
1916	1,622	663	2,285	280	231	511	269	224	493
1917	1,626	654	2,280	288	231	519	275	228	503
1918	1,629	639	2,268	296	227	523	280	222	502
1919	1,632	632	2,264	300	226	526	286	222	508
1920	1,648	662	2,310	305	238	543	295	235	530
1921	1,649	655	2,304	304	236	540	298	243	541
1922	1,658	654	2,312	302	241	543	302	250	552
1923	1,651	642	2,293	298	238	536	301	255	556
1924	1,650	625	2,275	296	237	533	303	257	560
1925	1,686	611	2,297	297	232	529	303	265	568
1926	1,732	631	2,363	296	241	537	297	279	576
1927	1,665	584	2,249	299	236	535	285	276	561
1928	1,714	600	2,314	301	248	549	284	280	564
1929	1,702	619	2,321	298	255	553	292	289	581
1930	1,678	558	2,236	304	244	548	293	296	589
1931	1,803	531	2,334	311	233	544	302	275	577
1932	1,801	480	2,281	313	199	512	318	237	555
1933	1,769	484	2,253	326	207	533	338	246	584
1934	1,717	474	2,191	332	202	534	347	271	618
1935	1,642	486	2,128	332	191	523	355	302	657
1936	1,510	540	2,050	323	214	537	348	298	646
1937	1,386	559	1,945	308	195	503	360	314	674
1938	1,273	530	1,803	307	194	501	354	303	657
1939	1,223	513	1,736	301	189	490	360	295	655
1940	1,158	504	1,662	291	183	474	340	291	631
1941	1,119	510	1,629	293	197	490	338	307	645
1942	1,064	489	1,553	292	190	482	340	308	648
1943	1,063	443	1,506	293	187	480	349	305	654
1944	1,046	394	1,440	294	172	466	354	311	665
1945	1,022	375	1,397	282	164	446	354	312	666
1946	1,059	379	1,438	283	159	442	353	316	669
1947	1,031	391	1,422	284	166	450	358	324	682
1948	1,013	409	1,422	273	165	438	361	321	682
1949	977	371	1,348	263	172	435	347	315	662
1950	893	338	1,231	251	158	409	334	292	626
1951	865	313	1,178	241	148	389	327	288	615
1952	805	282	1,087	235	145	380	324	291	615

Farm employment: Persons employed, total, family and hired, United States
annual averages and by months, 1940-1953, revised 1/

Month	1940	1941	1942	1943	1944	1945	1946
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
			TOTAL FARM EMPLOYMENT				
Jan.	8,259	8,092	8,041	7,786	7,749	7,420	7,398
Feb.	8,741	8,540	8,397	8,260	8,036	7,769	7,874
Mar.	9,902	9,759	9,554	9,155	9,449	8,814	8,935
Apr.	11,403	11,073	11,032	10,626	10,094	9,981	10,250
May	12,273	11,999	11,829	11,663	11,167	10,855	11,309
June	12,169	11,815	11,524	11,591	11,081	10,968	11,534
July	11,631	11,345	11,132	11,068	10,649	10,773	11,167
Aug.	12,174	11,651	11,429	11,647	11,250	11,235	11,499
Sept.	13,800	13,483	13,197	13,362	13,371	12,638	13,250
Oct.	12,778	12,087	11,998	12,075	12,276	12,215	12,436
Nov.	10,311	10,067	9,997	10,015	9,772	9,603	9,830
Dec.	8,304	8,122	7,918	8,102	7,738	7,730	8,054
Average	10,979	10,669	10,504	10,446	10,219	10,000	10,295
			FAMILY WORKERS 2/				
Jan.	7,001	6,790	6,632	6,512	6,463	6,309	6,293
Feb.	7,271	7,089	6,905	6,852	6,686	6,555	6,613
Mar.	7,924	7,766	7,562	7,402	7,954	7,306	7,438
Apr.	8,975	8,785	8,745	8,528	8,277	8,295	8,462
May	9,434	9,090	9,080	9,094	8,872	8,695	9,053
June	8,849	8,554	8,423	8,619	8,481	8,481	8,876
July	8,118	7,833	7,742	7,828	7,780	7,866	8,187
Aug.	8,424	8,011	7,904	8,195	8,137	8,105	8,425
Sept.	9,618	9,284	9,286	9,612	9,820	9,576	9,967
Oct.	9,206	8,786	8,832	9,039	9,183	9,191	9,427
Nov.	7,881	7,545	7,667	7,713	7,688	7,628	7,800
Dec.	6,895	6,679	6,605	6,725	6,515	6,564	6,727
Average	8,300	8,017	7,949	8,010	7,988	7,881	8,106
			HIRED WORKERS 3/				
Jan.	1,258	1,302	1,409	1,274	1,286	1,111	1,105
Feb.	1,470	1,451	1,492	1,408	1,350	1,214	1,261
Mar.	1,978	1,993	1,992	1,753	1,495	1,508	1,497
Apr.	2,428	2,288	2,287	2,098	1,817	1,686	1,788
May	2,839	2,909	2,749	2,569	2,295	2,160	2,256
June	3,320	3,261	3,101	2,972	2,600	2,487	2,658
July	3,513	3,512	3,390	3,240	2,869	2,907	2,980
Aug.	3,750	3,640	3,525	3,452	3,113	3,130	3,074
Sept.	4,182	4,199	3,911	3,750	3,551	3,062	3,283
Oct.	3,572	3,301	3,166	3,036	3,093	3,024	3,009
Nov.	2,430	2,522	2,330	2,302	2,084	1,975	2,030
Dec.	1,409	1,443	1,313	1,377	1,223	1,166	1,327
Average	2,679	2,652	2,555	2,436	2,231	2,119	2,189

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.

Farm employment: Persons employed, total, family and hired, United States annual averages and by months, 1940-1953, revised 1/ --Cont'd.

Month	1947	1948	1949	1950	1951	1952	1953
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
			TOTAL FARM EMPLOYMENT				
Jan.	7,501	7,372	7,058	6,699	6,455	6,211	6,120
Feb.	7,830	7,678	7,340	7,144	6,693	6,494	6,377
Mar.	8,850	8,728	8,311	7,965	7,622	7,405	7,433
Apr.	10,111	10,064	9,608	9,039	8,794	8,497	8,421
May	11,300	11,102	10,785	10,112	9,669	9,432	9,372
June	11,584	11,409	11,264	10,495	10,112	9,720	9,784
July	11,486	11,576	11,085	10,330	10,065	9,509	9,383
Aug.	11,755	12,051	11,407	10,722	10,412	10,014	9,903
Sept.	13,856	13,956	13,496	12,326	11,840	11,728	-
Oct.	12,640	12,900	12,372	11,543	10,892	10,462	-
Nov.	9,806	9,671	9,446	8,824	8,667	8,078	-
Dec.	7,865	7,854	7,401	6,908	6,583	6,486	-
Average	10,382	10,363	9,964	9,342	8,985	8,669	-
			FAMILY WORKERS 2/				
Jan.	6,309	6,252	5,991	5,663	5,418	5,233	5,174
Feb.	6,572	6,423	6,157	5,956	5,592	5,407	5,332
Mar.	7,349	7,182	6,847	6,578	6,280	6,092	6,080
Apr.	8,324	8,218	7,852	7,397	7,207	6,932	6,863
May	9,018	8,829	8,513	8,040	7,691	7,527	7,392
June	8,938	8,722	8,472	7,912	7,581	7,245	7,205
July	8,360	8,301	7,909	7,439	7,227	6,810	6,730
Aug.	8,487	8,576	8,188	7,670	7,525	7,349	7,182
Sept.	10,205	10,073	9,741	8,928	8,788	8,534	-
Oct.	9,521	9,499	9,237	8,623	8,234	7,920	-
Nov.	7,748	7,644	7,437	7,016	6,869	6,483	-
Dec.	6,549	6,595	6,204	5,806	5,551	5,447	-
Average	8,115	8,026	7,712	7,252	6,997	6,748	-
			HIRED WORKERS 3/				
Jan.	1,192	1,120	1,067	1,036	1,037	978	946
Feb.	1,258	1,255	1,183	1,188	1,101	1,087	1,045
Mar.	1,501	1,546	1,464	1,387	1,342	1,313	1,353
Apr.	1,787	1,846	1,756	1,642	1,587	1,565	1,558
May	2,282	2,273	2,272	2,072	1,978	1,905	1,980
June	2,646	2,687	2,792	2,583	2,531	2,475	2,579
July	3,126	3,275	3,176	2,891	2,838	2,699	2,653
Aug.	3,268	3,475	3,219	3,052	2,887	2,665	2,721
Sept.	3,651	3,883	3,755	3,398	3,052	3,194	-
Oct.	3,119	3,401	3,135	2,920	2,658	2,542	-
Nov.	2,058	2,027	2,009	1,808	1,818	1,595	-
Dec.	1,316	1,259	1,197	1,102	1,032	1,039	-
Average	2,267	2,337	2,252	2,090	1,988	1,921	-

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.

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

Geographic division	July 1, 1952	October 1, 1952	July 1, 1953	October 1, 1953
	Dollars	Dollars	Dollars	Dollars
PER MONTH WITH BOARD AND ROOM				
New England	110.00	120.00	121.00	118.00
Middle Atlantic	112.00	117.00	119.00	120.00
East North Central	119.00	118.00	122.00	118.00
West North Central	127.00	132.00	126.00	123.00
Mountain	153.00	151.00	154.00	147.00
Pacific	178.00	178.00	186.00	181.00
PER MONTH WITH HOUSE				
New England	146.00	156.00	161.00	159.00
Middle Atlantic	155.00	159.00	161.00	166.00
East North Central	150.00	150.00	157.00	156.00
West North Central	155.00	148.00	156.00	152.00
Mountain	189.00	195.00	194.00	186.00
Pacific	225.00	226.00	233.00	236.00
PER WEEK WITH BOARD AND ROOM				
New England	31.25	33.25	34.75	33.50
Middle Atlantic	30.25	30.50	32.00	32.00
PER WEEK WITHOUT BOARD OR ROOM				
New England	44.50	43.75	45.75	46.00
Middle Atlantic	42.25	42.50	43.25	45.00
PER DAY WITH BOARD AND ROOM				
East North Central	6.00	5.80	6.10	6.00
West North Central	6.80	6.30	6.70	6.50
PER DAY WITH HOUSE				
South Atlantic	3.90	4.00	4.00	4.05
East South Central	3.35	3.40	3.30	3.50
West South Central	4.80	5.10	4.75	4.90
PER DAY WITHOUT BOARD OR ROOM				
New England	7.60	7.80	7.60	8.20
Middle Atlantic	7.30	7.40	7.50	7.80
East North Central	7.50	7.30	7.50	7.50
West North Central	8.30	7.80	8.30	8.00
South Atlantic	4.60	4.70	4.80	4.75
East South Central	4.00	4.15	4.05	4.15
West South Central	5.40	5.60	5.30	5.50
Mountain	7.70	7.90	7.90	7.60
PER HOUR WITH HOUSE				
Pacific	.99	1.02	1.01	.99
PER HOUR WITHOUT BOARD OR ROOM				
New England	.97	1.01	1.01	1.02
Middle Atlantic	.94	.96	.95	.99
East North Central	.97	.97	1.00	1.00
West North Central	1.02	.98	1.02	1.01
South Atlantic	.58	.59	.60	.61
East South Central	.54	.54	.54	.54
West South Central	.64	.70	.62	.68
Mountain	.96	.98	.97	.95
Pacific	1.05	1.08	1.09	1.08

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

State and region	Per month — With board and room	Per month — With house	Per week — With board and room	Per week — Without board or room	Per day — With board and room	Per day — With house	Per day — Without board or room	Per hour — With house	Per hour — Without board or room	Hourly composite wage rate	Indexes of composite rates 1910-14=100 2/
	Dollars		Dollars		Dollars			Dollars			
Maine	104.00	137.00	32.00	42.00	-	-	7.80	-	.97	.802	464
N. H.	120.00	159.00	35.00	45.00	-	-	7.90	-	.99	.834	528
Vt.	123.00	154.00	29.50	39.50	-	-	7.40	-	.98	.787	493
Mass.	132.00	174.00	36.50	48.00	-	-	8.00	-	1.07	.886	557
R. I.	132.00	175.00	36.00	48.00	-	-	8.10	-	1.06	.863	584
Conn.	133.00	175.00	36.00	48.00	-	-	8.10	-	1.06	.883	580
New Eng.	120.00	156.00	33.25	43.75	-	-	7.80	-	1.01	.830	525
N. Y.	125.00	164.00	31.50	43.50	-	-	7.90	-	1.01	.783	467
N. J.	128.00	179.00	32.25	47.00	-	-	8.20	-	.99	.792	544
Pa.	105.00	146.00	28.75	40.00	-	-	6.70	-	.91	.699	542
M. Atl.	117.00	159.00	30.50	42.50	-	-	7.40	-	.96	.740	504
Ohio	113.00	137.00	-	-	5.70	-	7.10	-	.98	.773	514
Ind.	107.00	137.00	-	-	5.40	-	6.90	-	.93	.737	504
Ill.	131.00	161.00	-	-	6.20	-	7.90	-	1.01	.832	549
Mich.	117.00	161.00	-	-	5.90	-	7.40	-	.98	.787	505
Wis.	124.00	157.00	-	-	6.00	-	7.50	-	.97	.788	486
E. N. Cent.	118.00	150.00	-	-	5.80	-	7.30	-	.97	.779	512
Minn.	130.00	153.00	-	-	7.20	-	8.70	-	1.05	.799	473
Iowa	138.00	159.00	-	-	7.20	-	9.10	-	1.09	.832	488
Mo.	100.00	125.00	-	-	5.10	-	6.20	-	.84	.622	544
N. Dak.	150.00	178.00	-	-	7.00	-	9.20	-	1.05	.836	429
S. Dak.	136.00	164.00	-	-	7.10	-	8.70	-	1.05	.809	467
Nebr.	140.00	175.00	-	-	7.10	-	9.00	-	1.07	.831	533
Kans.	127.00	163.00	-	-	6.90	-	8.50	-	1.04	.791	609
W. N. Cent.	122.00	148.00	-	-	6.30	-	7.80	-	.98	.741	506
Del.	-	-	-	-	-	5.50	6.80	-	.86	.760	670
Md.	-	-	-	-	-	5.20	6.40	-	.84	.738	716
Va.	-	-	-	-	-	4.40	5.50	-	.68	.600	648
W. Va.	-	-	-	-	-	4.25	5.00	-	.65	.566	432
N. C.	-	-	-	-	-	4.30	5.00	-	.59	.536	604
S. C.	-	-	-	-	-	3.20	3.80	-	.46	.412	541
Ga.	-	-	-	-	-	3.50	4.05	-	.54	.464	512
Fla.	-	-	-	-	-	4.60	4.90	-	.65	.564	565
S. Atl.	-	-	-	-	-	4.00	4.70	-	.59	.521	579
Ky.	-	-	-	-	-	3.95	5.20	-	.72	.663	512
Tenn.	-	-	-	-	-	3.20	4.05	-	.53	.496	421
Ala.	-	-	-	-	-	3.30	4.05	-	.51	.483	474
Miss.	-	-	-	-	-	3.45	3.95	-	.51	.484	452
E. S. Cent.	-	-	-	-	-	3.40	4.15	-	.54	.505	461
Ark.	-	-	-	-	-	4.35	4.70	-	.58	.563	474
La.	-	-	-	-	-	4.05	4.45	-	.56	.541	504
Okla.	-	-	-	-	-	5.70	6.60	-	.81	.785	530
Tex.	-	-	-	-	-	5.40	6.00	-	.75	.725	545
W. S. Cent.	-	-	-	-	-	5.10	5.60	-	.70	.676	529
Mont.	171.00	202.00	-	-	-	-	9.00	-	1.21	.983	464
Idaho	179.00	219.00	-	-	-	-	9.50	-	1.11	.964	517
Wyo.	147.00	207.00	-	-	-	-	8.00	-	1.05	.872	431
Colo.	146.00	192.00	-	-	-	-	8.20	-	.99	.842	526
N. Mex.	120.00	160.00	-	-	-	-	6.00	-	.80	.670	521
Ariz.	145.00	205.00	-	-	-	-	7.40	-	.80	.744	496
Utah	180.00	210.00	-	-	-	-	8.40	-	1.10	.930	558
Nev.	160.00	190.00	-	-	-	-	7.80	-	1.05	.868	455
Mountain	151.00	195.00	-	-	-	-	7.90	-	.98	.834	493
Wash.	192.00	224.00	-	-	-	-	-	1.06	1.13	1.100	537
Oreg.	180.00	208.00	-	-	-	-	-	1.04	1.10	1.069	512
Calif.	176.00	228.00	-	-	-	-	-	1.01	1.07	1.044	478
Pacific	178.00	226.00	-	-	-	-	-	1.02	1.08	1.051	493
U. S.	123.00	146.00	29.25	35.75	5.10	4.25	5.60	.87	.76	.688	499

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

Farm wage rates: Wage rates by States and regions, October 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	With house	Without board or room	With house	Without board or room		
	Dollars		Dollars		Dollars			Dollars			
Maine	110.00	145.00	33.50	45.00	--	--	8.20	--	.99	.834	474
N. H.	121.00	165.00	35.00	48.50	--	--	8.00	--	1.01	.859	543
Vt.	118.00	150.00	31.50	42.00	--	--	7.70	--	.98	.805	505
Mass.	126.00	178.00	34.50	50.00	--	--	8.90	--	1.10	.919	578
R. I.	129.00	178.00	34.00	50.00	--	--	8.50	--	1.10	.912	609
Conn.	129.00	180.00	34.00	48.00	--	--	8.40	--	1.08	.893	598
N. Eng.	118.00	159.00	33.50	46.00	--	--	8.20	--	1.02	.855	543
N. Y.	127.00	173.00	34.00	47.75	--	--	8.30	--	1.04	.817	488
N. J.	138.00	189.00	35.25	49.00	--	--	8.50	--	1.01	.820	563
Pa.	106.00	149.00	29.00	41.00	--	--	7.00	--	.93	.715	555
Mid. Atl.	120.00	166.00	32.00	45.00	--	--	7.80	--	.99	.773	520
Ohio	110.00	144.00	--	--	5.90	--	7.40	--	1.01	.792	531
Ind.	111.00	147.00	--	--	5.60	--	7.00	--	.98	.773	539
Ill.	133.00	170.00	--	--	6.50	--	7.90	--	1.01	.828	562
Mich.	118.00	166.00	--	--	6.20	--	7.70	--	1.01	.812	526
Wis.	127.00	164.00	--	--	6.20	--	7.60	--	.99	.806	502
E. N. Cent.	118.00	156.00	--	--	6.00	--	7.50	--	1.00	.799	535
Minn.	131.00	156.00	--	--	7.20	--	9.00	--	1.04	.802	484
Iowa	137.00	163.00	--	--	7.80	--	9.20	--	1.07	.830	501
Mo.	99.00	130.00	--	--	4.90	--	6.10	--	.95	.667	596
N. Dak.	148.00	169.00	--	--	7.10	--	9.10	--	1.04	.826	424
S. Dak.	135.00	160.00	--	--	6.90	--	8.70	--	1.03	.798	465
Nebr.	137.00	176.00	--	--	6.80	--	8.80	--	1.02	.803	535
Kans.	127.00	160.00	--	--	6.90	--	8.50	--	1.02	.783	614
W. N. Cent.	123.00	152.00	--	--	6.50	--	8.00	--	1.01	.763	531
Del.	--	--	--	--	--	5.60	7.00	--	.92	.834	736
Md.	--	--	--	--	--	5.20	6.90	--	.91	.784	762
Va.	--	--	--	--	--	4.35	5.40	--	.68	.596	643
W. Va.	--	--	--	--	--	4.20	5.00	--	.65	.571	444
N. C.	--	--	--	--	--	4.30	5.00	--	.60	.541	616
S. C.	--	--	--	--	--	3.20	3.70	--	.45	.404	530
Ga.	--	--	--	--	--	3.55	4.20	--	.55	.475	519
Fla.	--	--	--	--	--	4.60	4.90	--	.70	.588	588
S. Atl.	--	--	--	--	--	4.05	4.75	--	.61	.536	596
Ky.	--	--	--	--	--	3.80	5.00	--	.68	.629	482
Tenn.	--	--	--	--	--	3.25	4.00	--	.52	.489	433
Ala.	--	--	--	--	--	3.45	4.10	--	.53	.501	488
Miss.	--	--	--	--	--	3.50	4.00	--	.53	.500	476
E. S. Cent.	--	--	--	--	--	3.50	4.15	--	.54	.512	471
Ark.	--	--	--	--	--	4.35	4.65	--	.58	.562	491
La.	--	--	--	--	--	3.80	4.45	--	.58	.555	526
Okla.	--	--	--	--	--	5.50	6.60	--	.83	.799	555
Tex.	--	--	--	--	--	5.25	5.90	--	.71	.692	535
W. S. Cent.	--	--	--	--	--	4.90	5.50	--	.68	.660	531
Mont.	165.00	194.00	--	--	--	--	8.20	--	1.11	.910	429
Idaho	171.00	217.00	--	--	--	--	9.30	--	1.09	.944	521
Wyo.	155.00	200.00	--	--	--	--	8.20	--	1.06	.884	438
Colo.	134.00	186.00	--	--	--	--	7.90	--	.94	.801	505
N. Mex.	108.00	154.00	--	--	--	--	5.80	--	.83	.667	533
Ariz.	160.00	200.00	--	--	--	--	7.40	--	.80	.753	502
Utah	180.00	200.00	--	--	--	--	8.40	--	1.10	.925	556
Nev.	170.00	190.00	--	--	--	--	8.00	--	1.10	.904	469
Mountain	147.00	188.00	--	--	--	--	7.60	--	.95	.810	484
Wash.	197.00	235.00	--	--	--	--	--	1.07	1.12	1.096	535
Oreg.	174.00	203.00	--	--	--	--	--	1.04	1.10	1.068	526
Calif.	180.00	240.00	--	--	--	--	--	.98	1.07	1.044	483
Pacific	181.00	236.00	--	--	--	--	--	.99	1.08	1.052	494
U. S.	123.00	150.00	30.25	38.00	5.30	4.30	5.70	.87	.77	.697	515

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2/ Adjusted for seasonal variation.

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