

Estimated Employment and Wages of Workers Covered by State Unemployment Compensation Laws, 1940*

THE MODERATE UPWARD TREND in covered employment which had begun in the last half of 1938 and continued during the first 10 months of 1939¹ reversed itself during the next 4 months. The upward course resumed, however, in March and was continued in general during the rest of the year as a result of the general expansion of production for defense at home and war abroad. Covered employment in February 1940 was 4.6 percent below that of the previous October but by the end of December had risen to 23.2 million—0 percent above December 1939 and 15 percent above December 1938. Average monthly covered employment in 1940 was 22.3 million—4 percent above the average for 1939 and 12 percent above 1938.

After a sharp decline in the first quarter of 1940, estimated wages² earned in each succeeding quarter exceeded those of the previous quarter

in all covered industries and services, and in the last 3 months reached \$8,912 million, 11 percent above the last quarter of 1939 and 26 percent above the corresponding period of 1938.³ The greater proportionate increase in wages and salaries than in employment was attributable to rising wage rates and increased weekly hours of work.⁴ Estimated total wages earned in covered employment in 1940 rose to \$31,709 million, 11 percent above 1939 and 23 percent above 1938.

Because of a probable downward bias inherent in the method of computing the estimates for 1940 (discussed below), the increases for both employment and wages may be considered minimums.

Description of the Data

Beginning with the calendar year 1938, all State unemployment compensation agencies were required to submit to the Bureau of Employment Security an annual report of monthly covered employment and quarterly wages classified by industry in accordance with the Social Security Board Industrial Classification Code. The due date for submission of this report was set as long as possible after the end of the year covered in order to ensure a complete report unaffected by delinquent reporting, errors, and other factors. Figures for 1938 and 1939 have already been published.⁵ Final data for 1940 were not due from State employment security agencies until July 31, 1941.

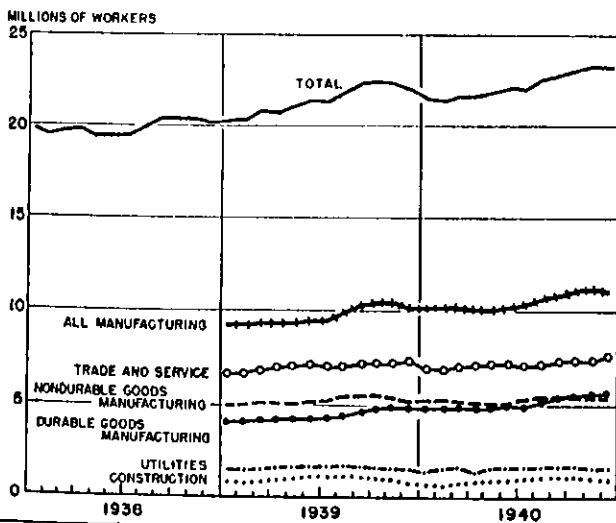
The estimates for 1940 presented here represent an effort to meet the need for more current information than has previously been available. Since they are preliminary, they are presented only in

*Prepared in the Research and Statistics Division, Bureau of Employment Security.

¹ "Employment and Wages of Workers Covered by State Unemployment Compensation Laws, 1939," *Social Security Bulletin*, Vol. 4, No. 5 (May 1941), pp. 20-20.

² "Wages" represent the earnings of all employees of firms subject to unemployment compensation laws. Many of these employees are salaried workers.

Chart I.—Total covered employment, 1938-40, and covered employment in selected industry divisions, 1939-40¹



Data for 1940 estimated on basis of 1939 coverage provisions.

³ Percentage comparisons of 1940 wages with those of earlier years are based on data for all States except New York, for which the figures are not comparable from year to year.

⁴ According to the U. S. Bureau of Labor Statistics, average hourly earnings in manufacturing industries rose from \$0.644 in 1939 to \$0.870 in 1940, and the average hours of work per week increased from 37.6 in 1939 to 38.1 in 1940.

⁵ See footnote 1. A detailed analysis of 1939 data will be published this summer similar to the monograph on 1938 data (Bureau of Employment Security, *Employment and Pay Rolls in State Unemployment Compensation Systems, 1938*, Employment Security Memorandum No. 6, Washington, D. C., April 1940).

summary form. Analysis of the final data will be presented later this year.

In order to make these estimates, the Bureau instituted in 1940 an identical-firm reporting

Table 1.—Average monthly number of workers and total wages¹ in employment covered by State unemployment compensation laws, by State and year, 1938-40²

State	Statutory size-of-firm inclusion (number of workers) ³	Average monthly number of workers			Total wages (in thousands)		
		1938	1939	1940 ⁴	1938	1939	1940 ⁴
Total		19,931,750	21,377,528	22,302,000	\$25,757,907	\$28,518,053	\$31,708,856
Alabama	8 or more	247,887	200,587	270,000	200,784	239,012	274,498
Alaska	do.	10,350	10,188	11,400	18,000	18,000	21,294
Arizona	3 or more	53,414	57,822	57,400	98,880	73,731	74,918
Arkansas	1 or more	123,543	130,294	130,600	102,273	115,702	120,641
California	4 or more	1,216,773	1,204,431	1,311,700	1,002,198	1,008,470	2,179,368
Colorado	8 or more	122,242	129,565	127,600	153,386	107,012	173,273
Connecticut	5 or more	404,323	430,790	463,300	549,309	620,944	741,867
Delaware	1 or more	53,840	60,080	65,200	78,912	84,401	109,336
District of Columbia	do.	163,224	162,021	173,700	200,631	216,804	246,911
Florida	8 or more	214,706	234,270	231,000	203,007	224,692	239,445
Georgia	do.	306,164	331,324	345,000	205,003	304,030	314,721
Hawaii	1 or more	79,003	73,176	62,700	69,436	70,524	69,886
Idaho	do.	54,372	59,935	61,700	61,472	67,320	73,471
Illinois	(6)	1,400,807	1,604,221	1,677,500	2,216,673	2,441,940	2,628,051
Indiana	8 or more	497,130	547,897	604,800	630,348	753,384	864,168
Iowa	do.	215,671	228,681	232,800	252,244	273,456	280,073
Kansas	do.	143,488	143,130	143,800	168,241	168,387	170,800
Kentucky	(7)	230,739	245,735	254,000	282,422	272,010	293,284
Louisiana	(8)	230,718	269,858	201,500	262,373	288,503	311,711
Maine	8 or more	127,510	130,908	137,600	132,720	144,359	154,244
Maryland	4 or more	326,938	340,312	387,300	380,580	431,900	501,018
Massachusetts	(9)	906,000	1,007,562	1,083,200	1,207,662	1,387,978	1,480,716
Michigan	8 or more	871,037	1,007,028	1,104,600	1,316,243	1,687,439	1,882,934
Minnesota	1 or more ¹⁰	364,593	391,868	450,000	450,702	505,019	521,010
Mississippi	8 or more	68,683	106,703	111,300	75,661	87,219	99,224
Missouri	do.	501,398	527,478	536,000	636,789	680,205	711,752
Montana	1 or more ¹¹	62,709	68,300	70,000	81,014	90,317	98,025
Nebraska	8 or more	98,984	101,922	99,000	116,970	122,788	123,432
Nevada	1 or more ¹²	19,242	22,205	22,800	27,331	31,020	36,031
New Hampshire	4 or more	96,680	101,248	103,000	100,118	100,148	110,275
New Jersey	8 or more	814,068	886,043	917,900	1,135,831	1,207,407	1,417,114
New Mexico	(13)	37,110	42,422	46,200	43,012	47,382	50,792
New York ¹⁴	4 or more	3,067,819	3,148,013	3,218,700	4,131,301	4,440,814	5,333,871
North Carolina	8 or more	420,308	444,200	461,800	346,070	306,524	419,758
North Dakota	do.	26,741	20,174	25,400	28,824	29,711	29,963
Ohio	3 or more	1,245,620	1,390,951	1,481,800	1,731,526	2,028,295	2,280,368
Oklahoma	8 or more	178,976	181,623	177,300	233,734	235,977	236,826
Oregon	4 or more ¹⁵	133,049	154,063	183,400	202,312	230,770	246,829
Pennsylvania	1 or more	2,144,878	2,192,067	2,282,600	2,608,748	2,869,600	3,107,825
Rhode Island	4 or more	173,940	193,466	200,400	205,557	234,141	270,192
South Carolina	8 or more	184,206	204,187	208,000	143,081	162,618	184,314
South Dakota	do.	31,220	32,768	32,000	35,520	37,820	38,876
Tennessee	do.	275,862	292,123	308,100	260,894	297,381	325,508
Texas	do.	622,706	652,704	640,000	755,660	781,084	806,789
Utah	(16)	67,430	72,701	70,700	82,148	90,411	90,654
Vermont	8 or more	42,487	40,268	47,200	47,234	53,610	60,632
Virginia	do.	285,652	324,520	343,500	206,447	345,040	384,092
Washington	do.	246,800	264,331	270,600	336,937	370,574	396,263
West Virginia	do.	258,668	267,802	260,200	308,460	348,602	378,742
Wisconsin ¹⁷	(18)	409,384	477,334	450,800	574,043	623,135	675,631
Wyoming	1 or more ¹⁹	33,089	34,009	32,700	40,871	41,421	41,549

¹ Except for New York in 1938 and 1939, includes remuneration in excess of \$3,000 a year paid to an individual in covered employment.

² Excludes data for railroads and other groups subject to Railroad Unemployment Insurance Act.

³ Represents number of workers employer must have for specified period to be subject to State law.

⁴ Estimates based on 1939 coverage provisions.

⁵ And, in 1939 and 1940, total wages of \$78 or more in a quarter.

⁶ In 1938 and 1939, 8 or more; in 1940, 6 or more.

⁷ Wages of at least \$60 to each of 4 workers in each of 3 quarters; or 8 or more workers within 20 weeks of calendar year.

⁸ For January-September 1938, 8 or more in 20 weeks; since Oct. 1, 1938, 4 or more in 20 weeks or 12 or more in 10 weeks.

⁹ In 1938, 8 or more; in 1939 and 1940, 4 or more.

¹⁰ In 1940, excludes service for employers not subject to Federal unemployment tax and not located in a city, village, or borough of 10,000 or more population.

¹¹ And, in 1939 and 1940, total annual wages of \$500 or more.

¹² And, in 1939 and 1940, total wages of \$225 or more in a quarter.

¹³ For January 1938-June 1939, 4 or more in each of 20 different weeks of calendar year; since July 1, 1939, 2 or more in 13 weeks of calendar year, or total wages of \$450 or more in a quarter.

¹⁴ Based on data for 8 months (March and June-December).

¹⁵ Includes domestic service in private homes as follows: in 1938, 18,356 workers and \$30,139,000 wages; in 1939, 22,533 workers and \$30,473,000 wages;

in 1940, 23,000 workers and \$30,500,000 wages. Such service is excluded from coverage in other States.

¹⁶ Based on monthly employment figures, representing total of employees on monthly pay rolls and highest number on semi-monthly, weekly, and other pay rolls.

¹⁷ Represents taxable wages only, excluding wages in excess of \$3,000 a year for a worker from any 1 employer. Data for total wages in covered employment not available.

¹⁸ And total wages of \$500 or more in a quarter.

¹⁹ Based on data for 4 months (March, June, September, and December).

²⁰ For January 1938-June 1939, 4 or more; since July 1, 1939, total wages of \$140 or more in a quarter.

²¹ Based on data for 9 months (April-December).

²² Includes non-Federal Government service covered by State law as follows: in 1938, 13,048 workers and \$12,980,000 wages; in 1939, 9,111 workers and \$8,886,000 wages; in 1940, approximately 4,600 workers and approximately \$4,800,000 wages. State amendment effective July 1, 1939, made compliance optional for certain government units. Such service is excluded from coverage in other States.

²³ In 1938, 7 or more workers or, if employer's records did not permit accurate count of workers, total annual wages of \$7,000 or more; in 1939 and 1940, 6 or more workers or, if employer's records did not permit accurate count of workers, total annual wages of \$6,000 or more.

²⁴ And, in 1939 and 1940, total wages of \$160 or more in a quarter.

procedure. State agencies are required to submit at the end of each quarter, a report showing monthly employment for the last month of the previous quarter and for each of the 3 months of the current quarter, and quarterly wages for previous and current quarters, for all reporting units which submitted reports covering both quarters. At least 90 percent of total covered employment and wages were sampled in most States. The 1940 estimates of covered employment and wages have been derived from these sample reports by the identical-firm-link-relative method, with employment in December 1939 and wages in the fourth quarter of 1939 as bases.⁵

The estimates have certain definite limitations. First, changes made in 1940 in the coverage of several State laws are not reflected, since the estimates consist of projections based on the coverage provisions in effect at the end of 1939. Illinois lowered its size-of-firm coverage limitation from employers of eight or more to employers of six or more, effective January 1, 1940. In Minnesota the law was amended, effective January 1, 1940, to exclude large groups of formerly covered workers. Moreover, some States revised their definitions of agricultural labor in 1940, and others for the first time covered employees of national banks. Since national banks were not covered by most State unemployment compensation laws in 1939, by December 1940 the estimate of covered employment in banks and trust companies was understated by more than 80 percent. Average monthly employment in that industry group in 1940 should probably be at least 100,000 more than indicated.

More significant, however, is the downward bias in the estimates arising from the fact that the estimating technique tends to exclude employment in newly covered firms. New firms have probably not been included in the reports in sufficient quantity to measure the increase in employment and wages correctly. The exact extent of the understatement cannot be determined at this time. Evidence of a bias, however, is furnished by comparison of the estimates with the Bureau of Labor Statistics figures for the number of employees in all nonagricultural industries, figures from the Bureau of Old-Age and Survivors Insurance on employment of workers covered by the old-age and survivors insurance program, and the

⁵ This method is essentially the same as that used by the BLS in computing its estimates of employment.

Department of Commerce estimates of wages and salaries earned in all industries. All three comparisons indicate that the increases from 1939 to 1940 in employment and wages of workers covered by State unemployment compensation laws were less than would have been expected on the basis of similar comparisons for 1938 and 1939.

The same general limitations attach to the use of the estimated data as to the data for earlier years. Employment figures represent the number of covered workers on the pay roll during the last pay periods ending within the month. Wages represent the total amount of wages paid to all covered workers during each calendar quarter. Therefore, average wages derived by dividing wages by employment have no significance. Since the figures refer to covered employment only, they do not include the employment or wages of large groups of the working population which are excluded from coverage by size-of-firm and type-of-employment limitations in State laws, which, moreover, vary from State to State.

In addition, New York, which had previously reported only taxable wages,⁷ began in 1940 to conform with other States by reporting all wages earned in covered employment. Since covered wages in New York in 1940 constituted 17 percent of the total, a serious distortion for purposes of comparison with earlier years is introduced, particularly for the industries in which New York predominates.

Unemployment Compensation Coverage

Estimated average monthly employment under State unemployment compensation programs in 1939 amounted to 85 percent and in 1940 to 82 percent of the employment covered by the Federal old-age and survivors insurance program;⁸ in both years it was 75 percent of average employment in nonagricultural industry⁹ estimated by

⁷ New York taxes for unemployment compensation purposes only the first \$3,000 of a worker's earnings.

⁸ These ratios are based on comparisons of employment in March, June, September, and December, the only months for which old-age and survivors insurance data are available. The difference in coverage under the two programs is due principally to size-of-firm limitations under State unemployment compensation laws.

⁹ The BLS series used is the estimates of the number of employees in non-agricultural establishments, excluding self-employed persons, casual workers, domestic servants, and the military and naval forces of the Government. There have been some observations that these estimates are too low. See Woytinsky, W. S., "Controversial Aspects of Unemployment Estimates in the United States," *Review of Economic Statistics*, Vol. 23, No. 2 (May 1941), pp. 68-77, and Reede, Arthur H., "Adequacy of Employment Statistics," *Journal of the American Statistical Association*, Vol. 36, No. 213 (March 1941), pp. 71-80.

the Bureau of Labor Statistics. If the Bureau of Labor Statistics figures were adjusted for industries not usually covered by State unemployment compensation laws, covered employment would represent approximately 92 percent of the remainder in both 1939 and 1940.

Similarly, according to recently revised estimates of the Department of Commerce, wages and salaries earned in employment covered by

State unemployment compensation programs amounted to 66 percent of the total wage and salary bill for all industries and services in the United States in both 1939¹⁰ and 1940. The corresponding proportions, after deduction from the Department of Commerce total of wages and salaries paid in industries usually excluded from coverage, were 88 and 87 percent.

¹⁰ Data for 1939 adjusted for New York.

Table 2.—Estimated number of workers in employment covered by State unemployment compensation laws, by State and month, 1940¹
[In thousands]

State	Average monthly employment			January	February	March	April	May	June	July	August	September	October	November	December	
	Number	Percentage change from 1939	Percentage distribution													
			1939													1940
Total.....	22,302.0	+4.3	100.0	100.0	21,451.1	21,430.7	21,084.2	21,706.9	21,000.0	22,109.1	22,085.0	22,504.0	22,074.9	23,167.7	23,288.8	23,230.0
Alabama.....	276.0	+5.9	1.2	1.2	261.1	264.0	269.0	266.9	260.2	260.2	268.6	277.8	283.7	293.0	294.8	294.0
Alaska.....	11.4	+11.9	(*)	-1.1	6.3	6.5	7.1	10.1	13.8	10.7	18.6	18.5	12.0	10.2	8.4	7.7
Arizona.....	57.4	-7.7	-3.3	-3.3	58.4	58.4	59.1	57.8	56.8	55.1	55.1	55.5	57.2	58.3	59.0	59.0
Arkansas.....	139.6	+2.7	-6.0	-6.0	133.2	133.4	137.8	134.3	134.3	134.0	137.0	142.0	148.1	149.0	146.4	146.0
California.....	1,311.7	+3.7	6.0	5.0	1,222.5	1,216.0	1,240.8	1,270.2	1,280.6	1,305.0	1,342.1	1,380.3	1,368.4	1,372.0	1,373.4	1,350.0
Colorado.....	127.0	-1.5	-6.0	-6.0	121.2	110.7	122.0	122.1	125.0	128.4	128.9	132.3	132.0	133.4	132.8	132.5
Connecticut.....	483.3	+9.9	2.1	2.2	460.3	458.4	460.3	462.4	465.1	469.8	478.3	490.3	501.7	511.1	519.3	522.7
Delaware.....	65.2	+8.5	-3.3	-3.3	60.0	60.4	62.5	63.1	64.5	66.3	65.8	69.0	70.2	67.9	66.0	65.0
Dist. of Col.....	173.7	+7.2	-8.8	-8.8	162.2	167.2	173.0	173.0	176.7	175.2	169.1	169.7	173.7	177.2	184.1	184.3
Florida.....	231.0	-1.4	1.1	1.0	247.6	249.1	245.0	227.3	215.4	210.2	200.9	215.0	220.8	230.0	211.6	259.5
Georgia.....	345.0	+4.1	1.5	1.6	327.0	337.3	344.2	338.9	337.3	336.7	335.3	348.3	352.5	360.0	363.9	359.2
Hawaii.....	62.7	-14.3	-3.3	-3.3	56.3	56.3	56.0	57.3	57.9	70.5	73.0	71.7	63.1	61.8	62.0	64.3
Idaho.....	61.7	+2.9	-3.3	-3.3	64.5	63.2	65.6	67.9	61.7	65.8	64.7	67.6	67.7	66.9	63.5	61.4
Illinois.....	1,677.6	+4.0	7.6	7.6	1,613.8	1,611.1	1,629.1	1,639.8	1,652.0	1,696.9	1,695.3	1,694.6	1,721.4	1,735.0	1,752.4	1,747.4
Indiana.....	604.8	+10.4	2.6	2.7	568.2	567.5	570.2	575.2	586.9	594.9	591.1	624.2	642.8	642.3	645.9	648.7
Iowa.....	232.8	+1.8	1.1	1.0	220.0	219.0	222.4	228.1	231.8	234.3	234.8	239.5	241.4	240.8	240.5	241.4
Kansas.....	143.8	+1.6	-7.7	-6.6	133.1	134.3	140.0	142.0	144.6	140.3	140.1	146.0	146.8	148.0	148.0	148.0
Kentucky.....	254.0	+3.4	1.1	1.1	251.9	250.0	250.4	250.0	252.2	253.3	255.8	259.3	263.1	252.4	251.1	258.0
Louisiana.....	261.5	-3.1	1.3	1.2	256.7	257.3	263.5	250.4	250.0	253.6	248.7	254.6	250.1	276.0	277.9	270.8
Maine.....	137.0	+5.6	-6.0	-6.0	130.4	134.0	130.8	125.6	131.6	139.0	142.5	144.0	143.8	141.8	139.0	141.3
Maryland.....	387.3	+10.9	1.0	1.7	391.5	350.4	370.5	372.8	374.5	381.4	383.1	392.5	401.4	405.1	423.0	422.0
Massachusetts.....	1,083.2	+7.5	4.7	4.9	1,075.9	1,063.8	1,066.9	1,037.8	1,045.0	1,064.5	1,056.9	1,082.1	1,103.7	1,124.5	1,137.7	1,139.4
Michigan.....	1,104.6	+9.0	4.7	5.0	1,053.3	1,058.8	1,067.2	1,068.8	1,068.1	1,064.4	1,013.8	1,083.4	1,157.5	1,192.2	1,210.0	1,217.9
Minnesota.....	405.0	+3.4	1.9	1.8	380.7	373.1	378.2	383.0	405.3	418.6	415.4	422.8	423.7	429.0	417.3	410.0
Mississippi.....	111.3	+4.3	-5.5	-5.5	101.9	104.4	112.0	106.3	104.0	104.7	104.1	100.1	111.2	130.2	129.0	120.5
Missouri.....	638.0	+1.4	2.6	2.4	614.4	614.0	614.0	614.0	614.0	614.0	614.0	614.0	614.0	614.0	614.0	614.0
Montana.....	70.0	+2.5	-3.3	-3.3	61.4	60.4	63.5	66.5	69.9	72.1	75.1	75.8	75.4	75.1	73.1	71.9
Nebraska.....	99.9	-2.0	-6.6	-6.6	94.8	93.5	97.1	100.3	102.7	102.7	101.5	102.3	102.5	101.8	101.8	98.3
Nevada.....	22.8	+2.7	-1.1	-1.1	20.8	20.6	21.0	22.0	23.8	24.4	24.1	24.2	23.5	22.9	22.5	21.8
New Hampshire.....	103.0	+1.7	-5.5	-5.5	100.9	99.0	97.1	95.1	99.2	103.4	107.6	109.1	108.3	109.1	103.0	105.8
New Jersey.....	917.9	+3.6	4.1	4.1	875.7	877.0	889.4	881.4	880.0	901.8	912.2	910.1	956.3	964.1	969.4	959.7
New Mexico.....	45.2	+6.5	-2.2	-2.2	42.8	42.2	44.4	45.4	46.2	46.2	46.3	46.9	46.5	45.8	45.1	44.0
New York.....	3,216.7	+2.2	14.7	14.4	3,165.0	3,165.3	3,188.3	3,188.0	3,212.9	3,213.4	3,190.5	3,224.8	3,263.6	3,273.6	3,273.6	3,220.1
North Carolina.....	491.8	+4.0	2.1	2.1	445.0	448.8	451.6	445.5	443.8	443.2	445.1	460.0	487.1	485.7	492.0	480.3
North Dakota.....	25.4	-3.0	-1.1	-1.1	21.7	23.0	23.3	23.8	25.1	25.0	20.8	20.8	27.3	20.3	27.0	26.7
Ohio.....	1,481.8	+6.1	6.6	6.6	1,421.0	1,419.5	1,427.9	1,434.2	1,452.8	1,471.3	1,472.5	1,508.5	1,539.0	1,530.6	1,548.9	1,549.3
Oklahoma.....	177.3	-2.4	-8.8	-8.8	167.6	168.8	174.9	175.0	177.0	176.7	170.1	178.0	181.6	183.0	183.1	185.7
Oregon.....	183.4	+10.0	-7.7	-7.7	169.4	167.2	172.6	175.9	183.8	191.2	192.0	199.7	195.4	187.3	182.9	182.5
Pennsylvania.....	2,282.5	+4.1	10.3	10.2	2,236.7	2,220.4	2,230.9	2,243.3	2,243.3	2,263.8	2,256.4	2,280.6	2,325.6	2,363.5	2,376.0	2,301.3
Rhode Island.....	200.4	+3.6	-9.9	-9.9	188.6	197.6	190.1	184.4	188.0	190.4	190.0	203.5	207.5	213.4	215.4	218.8
South Carolina.....	208.6	+2.2	1.0	-9.9	201.6	203.5	206.4	206.3	205.9	206.2	201.0	205.7	211.9	210.0	218.6	210.3
South Dakota.....	32.9	+4.4	-2.2	-2.2	29.9	29.6	30.3	31.4	32.9	34.0	34.5	34.7	34.7	34.8	34.3	33.4
Tennessee.....	308.1	+5.5	1.4	1.4	292.0	293.9	302.3	302.4	303.6	300.5	301.8	309.0	316.3	327.1	324.1	323.2
Texas.....	649.9	-4.4	3.1	2.0	630.0	634.1	640.2	636.3	641.2	641.3	637.9	651.2	650.3	663.0	675.7	682.2
Utah.....	76.7	+5.5	-2.2	-2.2	69.8	68.5	70.8	73.2	75.2	79.8	80.5	82.4	81.9	79.9	79.2	78.7
Vermont.....	47.2	+2.0	-2.2	-2.2	44.0	45.2	44.0	45.2	47.1	48.1	48.8	49.2	49.2	48.0	48.5	47.6
Virginia.....	343.5	+5.8	1.6	1.6	318.6	321.7	327.0	331.2	332.0	338.3	340.7	340.1	358.7	364.1	369.5	371.0
Washington.....	276.0	+4.6	1.2	1.2	251.6	250.7	259.9	271.3	274.8	285.1	285.1	298.5	298.1	280.9	278.0	270.1
West Virginia.....	206.2	+10.0	1.3	1.3	200.2	200.8	203.3	200.3	207.2	209.6	207.6	202.5	206.3	208.6	204.8	204.7
Wisconsin.....	456.8	+4.4	2.0	2.1	432.0	432.2	434.6	442.2	444.2	454.5	461.1	465.7	475.1	470.5	480.7	470.3
Wyoming.....	32.7	-3.8	-2.2	-2.2	28.9	28.1	29.5	31.1	33.3	36.4	36.3	36.4	35.3	33.0	32.2	31.6

¹ Estimates based on 1939 coverage provisions, except in 4 States (see footnote 4). Represent workers in covered employment as of last pay-roll periods ended in month.

² Less than 0.05 percent.

³ Data not adjusted for change in coverage. See table 1, footnote 6.

⁴ Based on 1940 coverage provisions.

⁵ Data not adjusted for change in coverage. See table 1, footnote 10.

⁶ Includes data for domestic service in private homes; approximately 22,000 in monthly employment in 1st and 2d quarters, 16,700 in 3d quarter, and 21,000 in 4th quarter.

⁷ Includes data for non-Federal Government service; approximately 4,200 in monthly employment in 1st quarter, 4,600 in 2d quarter, 3,900 in 3d quarter, and 3,700 in 4th quarter.

Further study of the relation of unemployment compensation employment and wage series to other series will be made when the final data for 1940 become available.

Industrial Trends

The rise in covered employment which generally characterized the latter part of the year was most pronounced for manufacturing. In this important industry division, virtually the entire

increase of 7.7 percent in average monthly covered employment during 1940 took place in the last half of the year. The first increase of any substantial size, after the decline which began in November 1939, occurred in June, and not until August did covered employment exceed that of the peak month of 1939. Thereafter it increased rapidly and continuously and in December, despite a decline of 1.0 percent, it was 8.8 percent above December 1939.

Table 3.—Estimated wages in employment covered by State unemployment compensation laws, by State and quarter, 1940
(In thousands)

State	Total				January-March	April-June	July-September	October-December
	Amount	Percentage change from 1939	Percentage distribution					
			1939	1940				
Total	\$31,708,855	+11.2	100.0	100.0	\$7,371,072	\$7,582,262	\$7,835,577	\$8,912,044
Alabama	274,498	+14.8	.8	.9	62,855	64,750	67,442	70,451
Alaska	21,204	+14.1	.1	.1	2,927	5,739	8,176	4,452
Arizona	74,018	+1.6	.3	.2	19,052	19,100	17,478	10,222
Arkansas	120,041	+4.2	.4	.4	28,421	28,587	30,018	33,615
California	2,179,398	+0.0	7.0	6.9	494,240	524,573	557,578	602,912
Colorado	173,273	+3.7	.6	.6	39,901	41,504	43,703	45,105
Connecticut	741,867	+18.3	2.2	2.3	164,975	170,719	182,114	224,059
Delaware	100,330	+20.5	.3	.3	27,085	24,718	26,294	30,844
District of Columbia	246,911	+13.8	.8	.8	57,400	59,855	61,483	68,077
Florida	239,445	+6.6	.8	.8	61,476	55,551	54,055	67,738
Georgia	314,721	+3.5	1.1	1.0	76,450	76,545	76,041	85,685
Hawaii	69,896	— .0	.3	.2	15,230	16,101	18,007	19,048
Idaho	73,471	+9.1	.2	.2	15,450	17,960	20,047	20,008
Illinois	2,628,051	+7.0	8.6	8.3	610,976	631,912	645,727	730,437
Indiana	864,158	+14.7	2.6	2.7	194,352	201,815	214,418	253,575
Iowa	280,073	+4.6	1.0	.9	65,936	70,124	71,116	78,897
Kansas	170,800	+1.4	.6	.5	39,081	42,134	42,933	46,052
Kentucky	293,284	+7.8	1.0	.9	69,002	71,161	74,043	78,118
Louisiana	311,711	+8.0	1.0	1.0	70,940	74,741	73,668	92,855
Maine	154,244	+6.8	.5	.5	36,417	35,915	39,019	42,293
Maryland	501,018	+16.0	1.5	1.6	111,946	117,455	124,318	147,304
Massachusetts	1,490,716	+5.7	4.0	4.7	347,352	346,075	363,917	423,872
Michigan	1,882,934	+18.6	5.6	5.9	434,347	443,591	442,478	552,518
Minnesota	521,010	+5.2	1.7	1.6	110,517	120,891	131,767	149,235
Mississippi	99,224	+13.8	.3	.3	21,844	22,915	23,113	31,822
Missouri	711,752	+3.7	2.4	2.2	167,583	172,470	173,855	197,844
Montana	18,025	+8.5	.3	.3	21,734	24,190	25,396	26,699
Nebraska	123,432	+1.5	.4	.4	28,405	30,893	30,720	35,424
Nevada	35,031	+12.9	.1	.1	7,608	8,648	9,327	9,857
New Hampshire	116,275	+6.6	.4	.4	27,366	26,760	30,124	32,025
New Jersey	1,417,114	+11.8	4.4	4.5	320,041	335,490	333,520	407,163
New Mexico	60,762	+7.1	.2	.2	11,867	12,673	12,888	15,534
New York	5,333,871	+19.9	15.6	16.8	1,289,604	1,295,052	1,311,752	1,437,533
North Carolina	410,758	+5.8	1.4	1.3	90,853	99,030	103,896	116,979
North Dakota	20,963	+1.8	.1	.1	6,869	7,340	7,805	8,249
Ohio	2,286,368	+12.7	7.1	7.2	515,761	543,052	567,810	656,735
Oklahoma	236,826	+1.2	.8	.8	55,444	53,312	58,093	64,377
Oregon	246,820	+7.0	.8	.8	55,732	61,984	63,731	63,822
Pennsylvania	3,107,825	+8.3	10.1	9.8	724,472	742,307	760,806	880,151
Rhode Island	270,192	+15.4	.8	.9	62,561	63,820	66,924	76,587
South Carolina	184,314	+13.3	.6	.6	43,435	43,963	44,491	52,425
South Dakota	38,870	+2.8	.1	.1	8,720	9,524	9,986	10,640
Tennessee	325,508	+9.4	1.0	1.0	72,765	77,142	79,639	85,962
Texas	800,789	+3.3	2.7	2.5	191,178	195,322	197,037	223,252
Utah	99,654	+10.2	.3	.3	22,254	24,277	25,863	27,280
Vermont	59,632	+11.2	.2	.2	13,410	14,410	15,326	16,480
Virginia	384,992	+11.6	1.2	1.2	85,306	91,008	95,757	112,281
Washington	396,203	+6.9	1.3	1.3	89,070	97,374	102,020	106,693
West Virginia	378,742	+8.6	1.2	1.2	91,838	92,582	96,952	97,370
Wisconsin	675,631	+8.4	2.2	2.1	155,657	160,675	166,924	192,375
Wyoming	41,540	+3	.1	.1	9,014	10,064	11,467	11,014

* Estimates based on 1939 coverage provisions, except in 4 States (see footnote 3). Represent total wages in covered employment for all pay-roll periods ended in quarter.

† Data not adjusted for change in coverage. See table 1, footnote 6.

‡ Based on 1940 coverage provisions.

§ Data not adjusted for change in coverage. See table 1, footnote 10.

* Includes data for domestic service in private homes; approximately \$7,500,000 in 1st quarter, \$7,500,000 in 2d quarter, \$7,900,000 in 3d quarter, and \$7,100,000 in 4th quarter.

† Includes data for non-Federal Government service; approximately \$1,000,000 in 1st quarter, \$1,100,000 in 2d quarter, \$1,300,000 in 3d quarter, and \$1,100,000 in 4th quarter.

Table 4.—Estimated number of workers in employment covered by State unemployment compensation laws, by major industry group and month, 1940¹
(In thousands)

Industry division and major industry group code number ²	Average monthly employment				January	February	March	April	May	June	July	August	September	October	November	December
	Number	Percentage change from 1939	Percent of total	Percent of industry division												
Total	22,302.0	+4.3	100.0	21,451.1	21,430.7	21,684.2	21,700.9	21,900.0	22,109.1	22,085.0	22,504.0	22,974.9	23,167.7	23,288.8	23,230.0
Mining	804.5	+0.4	3.9	100.0	880.2	870.1	805.0	850.0	850.3	847.0	850.0	871.0	872.0	870.5	808.2	800.7
10.....	113.8	+8.7	.5	13.2	106.5	100.4	107.4	111.2	114.8	110.5	117.7	118.2	117.9	117.4	110.7	114.5
11.....	82.6	-5.7	.4	9.5	86.3	84.7	84.5	83.0	81.7	81.1	80.2	79.0	79.9	82.1	83.8	84.2
12.....	426.2	+12.8	1.9	40.3	455.6	448.8	434.9	411.2	403.5	400.8	407.4	423.4	428.7	432.5	430.4	437.0
13.....	168.7	-2.0	.8	10.5	174.1	170.2	173.7	173.0	174.8	172.3	170.8	168.3	163.8	163.5	160.6	159.6
14.....	73.2	+3.6	.3	8.6	67.7	60.0	65.5	71.0	75.5	76.9	79.9	81.2	81.7	81.0	78.7	71.4
15.....	918.7	-4.3	4.1	100.0	675.0	660.7	762.0	860.5	955.2	983.1	1,004.5	1,012.0	1,014.1	1,075.3	1,034.2	949.8
16.....	329.1	-1.0	1.5	35.8	332.3	242.2	261.2	295.3	321.5	329.5	338.3	341.3	342.3	407.2	410.9	418.3
17.....	261.3	-13.6	1.1	27.4	162.5	164.3	196.5	234.0	270.4	300.8	300.8	309.6	308.5	297.1	259.5	201.5
18.....	338.3	+1.3	1.5	36.8	280.2	284.2	308.2	330.3	367.3	356.3	350.4	362.0	363.3	371.0	354.8	336.0
19.....	10,478.4	+7.7	47.0	100.0	10,156.7	10,100.6	10,141.2	10,055.8	10,054.8	10,107.9	10,273.3	10,641.0	10,895.0	11,043.4	11,116.7	11,004.1
20.....	1,176.0	+1.1	5.3	11.2	1,004.0	1,063.0	1,078.4	1,095.2	1,130.2	1,227.3	1,250.7	1,334.0	1,293.6	1,230.2	1,190.0	1,124.3
21.....	1,045.6	-1.8	.6	1.0	101.7	102.5	101.5	102.4	102.4	103.9	103.9	104.5	102.2	111.0	109.7	100.3
22.....	1,207.0	+0.6	5.4	11.5	1,240.0	1,221.5	1,182.8	1,150.0	1,142.3	1,150.6	1,166.8	1,188.5	1,223.0	1,256.3	1,283.2	1,279.5
23.....	873.3	(³)	3.9	8.3	869.1	922.4	869.8	860.8	840.7	813.2	831.0	894.8	902.8	885.2	875.8	840.2
24.....	441.4	+8.0	2.0	4.2	413.0	410.3	414.6	414.4	434.7	441.0	444.0	457.0	465.6	473.4	468.7	459.6
25.....	390.1	+5.6	1.7	3.7	381.0	380.0	381.2	370.9	380.0	381.5	382.9	391.5	404.3	408.8	409.0	400.6
26.....	328.6	+5.9	1.5	3.1	323.1	320.1	317.0	331.5	320.3	328.6	331.7	332.1	334.6	336.0	337.5	334.0
27.....	523.1	-1.0	2.3	5.0	527.5	523.6	525.5	525.4	523.0	520.1	512.6	513.8	510.0	528.2	532.0	526.2
28.....	437.9	+10.0	2.0	4.2	427.6	430.0	430.3	434.1	422.0	421.0	421.0	431.1	451.9	460.3	467.3	467.3
29.....	137.6	+4.5	.6	1.3	133.4	135.0	134.5	135.3	137.8	130.8	141.0	141.7	140.0	139.3	134.7	134.7
30.....	161.9	+4.4	.7	1.5	150.9	148.4	148.3	140.8	145.4	145.8	147.0	150.9	154.2	150.3	161.0	165.0
31.....	362.8	-2.0	1.6	3.5	378.7	383.0	381.7	357.5	340.0	345.1	359.7	365.0	362.7	359.2	358.4	361.2
32.....	362.0	+0.9	1.6	3.4	325.6	325.0	334.9	345.1	350.9	352.0	365.9	362.5	360.0	371.8	371.1	362.6
33.....	1,315.2	+14.6	5.9	12.6	1,280.4	1,259.5	1,230.7	1,225.5	1,227.1	1,260.4	1,287.0	1,330.9	1,370.4	1,400.0	1,438.1	1,451.5
34.....	281.6	(³)	1.3	2.7	214.8	222.5	229.7	239.7	250.5	265.1	282.2	298.7	313.8	335.8	354.0	372.2
35.....	316.4	+13.9	1.4	3.0	301.4	298.3	297.0	295.5	294.5	299.1	303.5	318.0	334.9	347.1	353.3	362.7
36.....	448.8	+13.8	2.0	4.3	427.2	423.1	422.7	424.3	426.0	431.0	431.7	450.8	467.8	481.7	495.9	502.4
37.....	707.1	+17.8	3.4	7.3	728.6	735.0	741.7	748.0	740.5	759.3	787.8	775.5	791.2	815.1	835.3	835.3
38.....	535.3	+15.0	2.4	5.1	529.7	536.3	531.7	524.2	513.5	492.8	432.3	482.7	562.9	598.5	612.6	606.6
39.....	328.4	+28.0	1.5	3.1	315.0	320.5	321.0	310.2	315.1	317.1	320.7	330.7	341.4	351.4	353.6	337.9
40.....	1,666.6	+3.4	7.5	16.0	1,637.0	1,631.3	1,639.0	1,635.1	1,657.1	1,670.1	1,669.0	1,689.8	1,697.7	1,690.4	1,691.7	1,680.8
41.....	166.5	-2.0	.8	10.0	166.3	167.0	166.1	165.7	167.0	167.4	167.4	167.3	167.3	166.7	165.5	165.0
42.....	320.6	+6.0	1.4	10.2	309.1	306.5	307.0	304.6	311.1	315.3	312.8	325.0	339.4	343.5	341.7	331.7
43.....	128.5	+5.0	.6	7.7	127.4	127.3	127.5	126.5	128.3	127.0	129.0	129.3	129.7	129.1	129.1	130.6
44.....	51.8	-2.0	.2	3.1	52.3	51.2	52.3	53.0	53.0	52.7	51.3	51.8	50.7	50.5	51.8	50.4
45.....	133.6	+1.7	.6	8.0	140.2	137.9	130.8	131.6	134.4	134.7	131.2	133.9	131.9	129.4	130.9	130.7
46.....	406.2	+2.5	1.8	24.4	394.3	395.1	400.0	400.8	404.4	408.1	408.7	410.1	409.5	410.4	410.6	421.7
47.....	438.0	+5.1	2.0	20.3	427.7	426.0	428.5	431.5	436.5	441.8	447.3	448.3	446.2	441.7	437.0	
48.....	21.0	-3.2	.1	1.3	19.7	19.7	20.2	21.4	21.8	21.7	21.9	21.9	21.5	21.2	20.7	10.7
49.....	5,532.8	+2.9	21.8	100.0	5,320.5	5,295.0	5,460.3	5,437.7	5,485.5	5,519.0	5,413.4	5,508.4	5,617.0	5,633.7	5,773.9	5,927.9
50.....	745.6	+3.3	3.3	13.5	740.5	732.1	732.3	732.0	735.0	740.5	737.3	747.9	762.4	763.3	767.1	755.1
51.....	743.3	+2.9	3.3	13.4	745.3	736.8	734.2	735.6	738.0	747.1	743.0	759.5	757.4	749.3	740.4	731.9
52.....	973.3	+4.3	4.4	17.0	895.6	894.2	935.7	915.3	928.3	920.3	902.1	925.9	981.6	1,008.6	1,140.5	1,286.3
53.....	619.0	+3.6	2.8	11.2	604.3	607.5	615.5	614.0	618.3	627.4	624.4	625.4	623.5	618.1	629.7	628.9
54.....	356.1	+7.0	1.6	6.4	342.7	345.8	353.7	359.1	361.0	361.0	369.2	357.8	354.0	367.0	360.0	360.7
55.....	342.0	+2.8	1.5	6.2	306.7	300.0	302.9	340.4	347.8	343.6	301.4	321.7	360.2	350.9	367.5	387.0
56.....	553.7	+1.2	2.5	10.0	553.5	546.2	553.3	549.8	549.5	548.4	530.6	546.4	555.2	557.0	565.2	580.5
57.....	552.7	+4.2	2.5	10.0	539.1	535.0	543.9	546.6	560.8	568.3	562.4	565.2	566.9	557.0	545.3	541.5
58.....	156.7	+4.5	.7	2.8	162.8	162.7	154.6	156.1	156.8	158.2	157.9	158.8	158.2	158.0	157.5	167.5
59.....	489.9	+1.8	2.2	8.9	470.0	465.7	474.2	482.2	490.0	491.3	495.5	499.4	501.9	505.3	503.2	497.0
60.....	1,004.4	-4.2	4.5	100.0	1,000.0	1,000.3	1,004.0	1,006.7	1,012.5	1,015.0	1,014.8	1,011.7	1,003.0	997.7	993.1	993.2
61.....	110.5	+5.4	.5	11.9	119.8	110.7	118.5	118.5	118.8	120.5	120.5	120.4	119.5	118.8	118.8	110.8
62.....	59.7	-0.1	.3	6.9	64.5	63.4	63.0	62.1	62.5	61.2	60.2	58.1	60.1	55.1	61.7	61.7
63.....	77.6	+2.6	.4	7.7	75.2	75.3	76.4	76.7	77.2	78.3	78.6	78.5	78.4	78.0	78.2	80.0
64.....	347.3	+1.9	1.6	34.6	344.5	345.2	345.5	346.0	346.5	348.3	351.2	351.0	348.8	347.0	346.0	346.8
65.....	45.7	-0.0	.2	4.6	46.1	46.1	46.3	45.6	45.8	45.9	46.0	46.2	45.4	44.8	44.9	45.3
66.....	270.3	+3.1	1.2	27.5	272.8	273.8	270.7	279.5	282.7	282.5	270.8	270.4	273.6	270.0	268.2	268.2
67.....	31.4	-0.5	.1	3.1	31.0	31.0	31.3	31.6	31.8	31.7	31.9	31.9	31.7	31.0	30.8	30.7
68.....	46.9	+52.0	.2	4.7	46.1	45.8	46.3	46.7	47.2	47.2	46.5	46.2	46.7	46.8	47.8	47.7
69.....	1,722.0	-1.1	7.7	100.0	1,678.1	1,670.2	1,704.5	1,742.6	1,767.3	1,761.2	1,741.1	1,743.7	1,750.9	1,718.3	1,689.8	1,647.5
70.....	349.0	-1.3	1.6	20.3	347.7	347.1	350.6	353.4	357.0	362.3	361.2	361.0	354.2	337.2	330.8	335.7
71.....	458.6	+4.0	2.0	26.0	438.8	440.2	440.4	454.3	463.5	472.9	460.2	467.4	466.0	463.6		

Table 5.—Estimated wages in employment covered by State unemployment compensation laws, by major industry group and quarter, 1940¹
(In thousands)

Industry division and major industry group	Total			January-March	April-June	July-September	October-December
	Amount	Percent of total	Percent of industry division				
Total.....	\$31,708,855	100.0		\$7,371,972	\$7,560,202	\$7,635,677	\$8,012,044
Mining.....	1,217,089	3.8	100.0	303,804	280,902	304,851	318,082
10. Metal mining.....	191,165	.6	15.7	43,786	47,837	49,869	60,678
11. Anthracite mining.....	105,729	.3	8.7	29,061	26,333	24,450	28,989
12. Bituminous and other soft-coal mining.....	628,805	1.7	43.4	139,872	118,410	131,424	189,459
13. Crude-petroleum and natural-gas production.....	309,673	.9	24.7	74,093	70,464	74,370	78,646
14. Nonmetallic mining and quarrying.....	91,357	.3	7.5	17,392	22,618	25,232	29,216
Construction.....	1,341,848	4.2	100.0	230,438	324,426	359,967	421,027
15. Building construction—general contractors.....	499,181	1.5	35.0	70,200	104,892	117,449	171,087
16. General contractors, other than building.....	339,670	1.0	25.3	67,322	85,364	99,821	97,063
17. Construction—special trade contractors.....	533,097	1.7	39.7	102,856	134,670	142,094	182,877
Manufacturing.....	15,077,275	47.0	100.0	3,483,309	3,437,861	3,709,731	4,840,284
20. Food and kindred products.....	1,632,679	5.2	10.8	307,971	306,212	429,937	439,559
21. Tobacco manufactures.....	101,171	.3	.7	22,709	25,213	25,122	28,077
22. Textile-mill products.....	1,203,714	3.8	8.0	205,155	274,387	291,940	342,220
23. Apparel and other finished products made from fabrics and similar materials.....	928,109	2.9	0.2	230,035	210,769	231,030	249,076
24. Lumber and timber basic products.....	435,048	1.4	2.0	94,072	105,396	112,077	122,013
25. Furniture and finished lumber products.....	458,465	1.5	3.0	105,772	108,930	112,178	131,585
26. Paper and allied products.....	481,629	1.5	3.2	112,705	117,040	119,577	182,800
27. Printing, publishing, and allied industries.....	950,308	3.0	0.8	232,734	234,249	237,128	250,197
28. Chemicals and allied products.....	705,769	2.4	5.1	181,979	182,234	184,667	210,809
29. Products of petroleum and coal.....	263,911	.8	1.7	63,280	65,812	66,080	68,809
30. Rubber products.....	241,543	.8	1.0	67,232	67,440	68,081	67,884
31. Leather and leather products.....	381,703	1.2	2.5	97,851	95,908	94,889	109,555
32. Stone, clay, and glass products.....	493,790	1.6	3.3	109,100	119,959	124,890	140,855
33. Iron and steel and their products.....	2,101,685	6.6	13.9	470,503	476,298	521,818	638,074
34. Transportation equipment (except automobiles).....	503,523	1.6	3.3	92,809	108,770	121,107	171,187
35. Nonferrous metals and their products.....	511,596	1.6	3.4	113,544	115,724	124,015	158,813
36. Electrical machinery.....	742,431	2.3	4.9	166,898	174,034	182,067	218,334
37. Machinery (except electrical).....	1,396,101	4.4	9.3	313,012	332,048	338,064	412,487
38. Automobiles and automobile equipment.....	1,033,509	3.3	0.9	240,240	242,085	223,970	321,202
39. Miscellaneous manufacturing industries.....	449,931	1.4	3.0	104,306	106,261	108,027	130,677
Transportation, communication, and other public utilities.....	2,634,176	8.3	100.0	631,839	646,370	661,017	698,850
41. Street, suburban, and interurban railways (other than interstate railroads) and city and suburban bus lines.....	205,604	.9	11.2	72,831	73,130	73,998	75,039
42. Trucking and/or warehousing for hire.....	439,546	1.4	10.6	99,643	103,040	108,051	124,286
43. Other transportation, except water transportation.....	176,379	.6	0.7	42,113	42,581	44,348	47,207
44. Water transportation.....	76,120	.2	3.0	18,435	19,158	18,918	21,099
45. Services allied to transportation, not elsewhere classified.....	103,471	.5	0.2	39,009	39,870	40,078	43,815
46. Communication: Telephone, telegraph, and related services.....	603,041	2.1	25.2	161,094	164,205	160,010	170,520
48. Utilities: Electric and gas.....	703,742	2.5	30.1	191,871	198,008	201,884	205,179
49. Local utilities and local public services, not elsewhere classified.....	27,373	.1	1.0	6,433	6,887	7,024	7,029
Wholesale and retail trade.....	7,344,653	23.2	100.0	1,732,408	1,770,347	1,784,023	2,046,813
60. Full-service and limited-function wholesalers.....	1,247,873	3.0	17.0	292,002	297,699	298,875	359,239
61. Wholesale distributors, other than full-service and limited-function wholesalers.....	1,427,585	4.5	19.4	342,087	348,787	352,000	389,561
63. Retail general merchandise.....	943,422	3.0	12.8	221,743	220,890	221,156	279,026
64. Retail food (includes liquor stores).....	995,551	2.2	9.5	100,323	171,511	178,523	184,194
65. Retail automotive.....	527,735	1.7	7.2	121,133	132,420	127,255	140,927
66. Retail apparel and accessories.....	395,160	1.2	5.4	94,410	96,992	90,799	112,949
67. Retail trade, not elsewhere classified.....	721,574	2.3	9.8	172,242	174,000	175,003	200,323
71. Eating and drinking places.....	475,544	1.5	0.5	112,278	110,591	121,789	124,880
75. Filling stations, garage, and automobile repair services.....	186,878	.6	2.6	43,883	40,555	40,779	49,061
52. Other wholesale and retail trade.....	723,341	2.3	9.9	166,107	174,040	176,740	207,448
Finance, insurance, and real estate.....	1,799,525	5.7	100.0	441,280	443,078	439,846	474,722
60. Banks and trust companies.....	232,819	.7	12.9	57,248	56,763	57,508	61,297
61. Security dealers and investment banking.....	145,971	.5	8.1	30,432	30,032	33,282	39,055
62. Finance agencies, not elsewhere classified.....	129,091	.4	7.2	31,022	31,410	31,445	35,814
63. Insurance carriers.....	680,840	2.2	37.8	167,950	169,164	168,954	174,778
64. Insurance agents and brokers.....	92,046	.3	5.2	22,429	22,440	23,041	25,730
65. Real estate dealers, agents, and brokers.....	327,400	1.0	18.2	70,311	61,096	61,707	85,719
66. Real estate, insurance, loans, law offices; any combination.....	50,088	.2	2.8	11,715	12,318	12,009	13,980
67. Holding companies (except real estate holding companies).....	140,007	.4	7.8	35,173	33,850	33,300	37,744
Service.....	2,138,411	6.7	100.0	508,064	529,771	537,493	603,083
70. Hotels, rooming houses, camps, and other lodging places.....	302,738	1.0	14.2	73,022	74,021	78,061	75,534
72. Personal services.....	455,290	1.4	21.3	100,808	114,015	118,978	119,896
73. Business services, not elsewhere classified.....	427,639	1.3	20.0	103,071	104,588	103,890	115,490
74. Employment agencies and commercial and trade schools.....	19,010	.1	.9	4,410	4,327	4,598	5,000
76. Miscellaneous repair services and hand trades.....	62,484	.2	2.4	11,800	12,860	13,064	14,714
78. Motion pictures.....	329,138	1.0	15.4	78,281	80,200	83,192	87,309
79. Amusement and recreation and related services, not elsewhere classified.....	172,141	.5	8.1	30,812	45,333	48,083	41,913
80. Medical and other health services.....	73,471	.2	3.4	17,079	18,039	18,308	19,440
81. Law offices and related services.....	66,842	.2	3.1	10,413	10,250	15,893	18,286
82. Educational institutions and agencies.....	20,548	.1	1.0	5,580	5,108	3,888	5,900
83. Other professional and social-service agencies and institutions.....	58,151	.2	2.7	13,174	13,330	13,832	17,615
86. Nonprofit membership organizations.....	125,017	.4	5.8	30,039	31,123	30,811	32,144
90. Domestic service.....	31,170	.1	1.5	7,449	6,083	7,931	7,737
94. Regular government agencies.....	4,760	(¹)	.2	1,048	1,178	1,374	1,106
Miscellaneous.....	155,278	.5	100.0	34,690	38,847	38,058	43,783

¹ Estimates based on 1939 coverage provisions. Represent total wages in covered employment for all pay-roll periods ended in quarter.

² Reported by New York only; excluded from coverage in other States.

³ Reported by Wisconsin only; excluded from coverage in other States.

⁴ Less than 0.05 percent.

⁵ Includes agriculture, forestry, fishery, and establishments not elsewhere classified.

The largest gains within the division were made by industries manufacturing products most closely related to the needs of a wartime economy. Increases in average covered employment in establishments engaged in the manufacture of non-electrical machinery—which includes machine tools—iron and steel and their products, automobiles and automobile equipment, electrical machinery, and nonferrous metals ranged between 14 and 18 percent. Data for covered employment in the manufacture of transportation equipment (excluding automobiles), which includes shipbuilding and aircraft production, are not available for 1939; in 1940 the average monthly employment of covered workers in this group amounted to 281,600 and rose continuously from 214,800 in January to 372,200 in December, a gain of 73 percent.

Most of the expansion in the manufacturing industries producing durable goods—metals, machinery, and transportation equipment—took place during the last half of the year. The only exceptions were the transportation equipment (except automobiles) and nonelectrical-machinery industries, which include shipbuilding, aircraft, and machine-tool production and in which employment rose steadily throughout the year.

In mining, estimated average covered employment was 6 percent above the 1939 level; in transportation, communication, and public utilities, it was more than 3 percent; and in trade, 3 percent. The indicated decline of 4 percent in estimated covered employment in the construction industry in 1940 undoubtedly resulted from the downward bias inherent in the method of computing the estimates. The bias was more pronounced in this industry than any other; final figures for covered employment in 1940 will probably exceed the estimates by at least 100,000. The Bureau of Labor Statistics figures for employment in construction indicate an 8-percent rise from 1939 to 1940. Similarly, much of the apparent decline of 4 percent in the finance, insurance, and real estate division is accounted for by a change in classification; employees in administrative offices of holding companies, formerly classified in this division, were allocated in 1940 to the principal activity which they were administering.

In most industries wages earned by covered workers increased more than employment from 1939 to 1940. The most striking advances

occurred in industries closely associated with defense production, where there were not only sharp gains in employment but also notable increases in wage rates and especially in the length of the work week.¹¹ Wages earned by covered workers engaged in the manufacture of chemicals and allied products, nonelectrical machinery, and automobiles and automobile equipment increased between 22 and 28 percent. Increases in metal mining and in the manufacture of iron and steel amounted to 18 and 19 percent, respectively. Wages of covered workers engaged in the manufacture of transportation equipment (except automobiles), which includes shipbuilding and aircraft production, rose from \$92.5 million in the first quarter of 1940 to \$171.1 million in the last, a gain of 85 percent.

Industrial and Geographic Distributions

The general industrial distribution of covered employment and wages in 1940 was very similar to that of 1939 and, as in 1939, both employment and wages were highly concentrated geographically and industrially. The eight highly industrialized States of California, Illinois, Massachusetts, Michigan, New Jersey, New York, Ohio, and Pennsylvania accounted for nearly 60 percent of the total covered employment in both 1939 and 1940. Nearly 72 percent of all covered employment and 71 percent of all wages were concentrated in two industrial divisions—manufacturing and trade.

Manufacturing industries accounted for 47 and 48 percent, respectively, of employment and wages in all industries combined—slightly higher proportions than in 1939. Trade accounted for 25 percent of employment and 23 percent of wages. Transportation, communication, and other public utilities (excluding interstate railroads and certain of their subsidiaries) accounted for 8 percent of both employment and wages; services for 8 percent of employment and 7 percent of wages; construction for 4 percent of both employment and wages; finance, insurance, and real estate for 5 percent of employment and 6 percent of wages; and mining for 4 percent of employment and the same percent of wages.

¹¹ According to the BLS, average weekly hours of work in aircraft production rose from 41.5 in 1939 to 43.2 in 1940, and by December 1940 had reached 44.6. The average workweek in the manufacture of machine tools was 42.9 in 1939, 48.2 in 1940, and 50.8 in the last month of the year. The corresponding figures for the iron-and-steel industry are 35.6, 37.3, and 40.4.