

81st Congress }  
2d Session }

JOINT COMMITTEE PRINT

# HANDBOOK OF REGIONAL STATISTICS

---

MATERIALS ASSEMBLED FOR THE  
SUBCOMMITTEE ON UNEMPLOYMENT  
OF THE  
JOINT COMMITTEE ON THE ECONOMIC REPORT  
PURSUANT TO  
S. Con. Res. 26, 81st Congress



Printed for the use of the Joint Committee on the Economic Report

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## JOINT COMMITTEE ON THE ECONOMIC REPORT

(Created pursuant to sec. 5 (a) of Public Law 304, 79th Cong.)

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## LETTERS OF TRANSMITTAL

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CONGRESS OF THE UNITED STATES,  
JOINT COMMITTEE ON THE ECONOMIC REPORT,  
March 31, 1950:

*To the Members of Congress:*

The attached report, A Handbook of Regional Statistics, has been prepared for the Subcommittee on Unemployment. The presentation of these materials on a regional basis should make them particularly valuable to Members of Congress, various planning and development groups, and students of regional problems. It is hoped that providing the basic statistics in convenient form will accelerate future analytical work on this important subject.

JOSEPH C. O'MAHONEY,  
*Chairman, Joint Committee on the Economic Report.*

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The Honorable JOSEPH C. O'MAHONEY,  
*Chairman, Joint Committee on the Economic Report,  
United States Senate, Washington, D. C.*

DEAR SENATOR O'MAHONEY: Transmitted herewith is a compilation of basic reference data arranged by State and regional groups. This material has been prepared primarily to facilitate such intensive regional studies as this committee and other interested parties may wish to make.

As a part of the Subcommittee on Unemployment's investigations, it became evident that while the Nation as a whole was at a high level of employment and production, some parts of the country were experiencing economic difficulties. While the subcommittee realized that regional reports were not within its purview, it believed that the problem was sufficiently serious in some regions to warrant investigation. It was obvious to the subcommittee that any study of employment and unemployment was inextricably bound up with many other economic factors, and that it was necessary to consider whether recent developments were a return to long-term trends which had been interrupted by the war, or whether they represented instead a new departure.

In order to lay the foundation for future regional studies, the subcommittee considered it desirable to assemble the basic economic and statistical series needed for such reports. The Bureau of Labor Statistics was asked to perform this task, since the approach was largely from the standpoint of factors which helped explain the employment situation.

The Subcommittee on Unemployment believes that the document which has resulted will be of considerable value to Members of Congress and to the various regional and State planning and devel-



opment agencies and should serve as a stimulus to further inquiry. Several agencies are now undertaking major studies of specific areas. In addition, the Department of Commerce through its Area Development Division has already projected a continuing appraisal of economic growth by regions and States for use in connection with the Department's work in aid of business and industrial expansion.

The generous cooperation of the Bureau of Labor Statistics and of a number of other Federal agencies which furnished data to the BLS is hereby acknowledged. Miss Marion Hayes and Hyman L. Lewis, of the Bureau staff, were responsible for the selection and presentation of the data.

Sincerely yours,

EDWARD J. HART,  
*Chairman, Subcommittee on Unemployment.*

## INTRODUCTION

Each of the various States and regions of this country has its own distinct economic characteristics, and each responds somewhat differently to the various aspects of the business cycle. It is therefore possible, as the economic developments of 1949 made abundantly clear, for employment to be rising in some areas while it is receding in others, and for pools of jobless men to develop in some localities even while others are short of workers.

As soon as it became evident in early 1949 that some parts of the country were experiencing a serious economic downturn while others were continuing to enjoy peak prosperity, the subcommittee undertook to study, among other factors, the problem of the differential impact of unemployment on the various regions of the country.

One of the first problems in presenting the data was to determine how best to group the States into homogeneous regions. The present arrangement, which is used by the National Income Division of the United States Department of Commerce, originated with Dr. Howard W. Odum (*American Regionalism*). It was selected primarily because its combination of States laid more stress on the economic characteristics with which this study was concerned than did other commonly used groupings. However, in order to permit as much flexibility as possible, the tables have been so prepared that the various States can be readily rearranged to suit the individual researcher's particular requirements.

In a document of this nature the amount of detail presented, as well as the scope of subjects covered, can be almost limitless. In the present collection, considerations of space and time necessitated the omission of much worth-while data and of many usable calculations. In many instances, the agencies in which the data originated will be able to furnish more detail.

It should be noted that this document presents neither analysis nor conclusions. The summary preceding each section is intended as a ready high lighting of the pertinent facts. This is in keeping with the purpose of this report--for use as a basic reference book, and as a tool for research.

# CONTENTS

	Page
Letters of transmittal.....	III
Introduction.....	V
List of tables.....	VII
Chapter 1. National and regional totals.....	1
2. New England.....	31
3. Middle Atlantic.....	81
4. Central region.....	137
5. Southeast.....	201
6. Southwest.....	277
7. Northwest.....	317
8. Far West.....	383
Appendix: Selected Industries and Areas.....	423

## LIST OF TABLES

	Page								
	Ch. 1. All Regions	Ch. 2. New England	Ch. 3. Middle Atlantic	Ch. 4. Central region	Ch. 5. Southeast	Ch. 6. Southwest	Ch. 7. Northwest	Ch. 8. Far West	Appendix
<b>A. Land:</b>									
1. Land area and population density.....	3	35	84	140	204	280	320	386	.....
2. Land use, 1945.....	3	35	84	140	205	280	321	386	.....
<b>B. Population:</b>									
1. Number.....	4	36	85	141	206	281	322	387	.....
2. Estimated migration and natural increase, 1940-48.....	4	36	85	142	207	281	323	387	.....
3. Estimated net migration, 1930-48.....	5	37	86	142	207	282	323	388	.....
4. Age groups.....	5	37	86	143	208	282	324	388	.....
5. Median age, 1930 and 1940.....	5	38	87	143	209	283	325	389	.....
6. Urban, rural, 1900-1940.....	6	38	87	144	209	283	325	389	.....
7. Urban, rural, 1940 and 1947.....	6								
<b>C. Employment:</b>									
1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49:									
(a) By year.....	7	39	88	145	210	284	326	390	.....
(b) By month.....	7	45	95	153	221	288	335	394	.....
2. Employees in manufacturing establishments, in selected months, 1947-49.....	8	48	99	157	227	290	340	396	.....
3. Hours and earnings of production workers in manufacturing.....	5	55	106	166	239	295	350	402	.....
4. Agriculture.....	10								
<b>D. Unemployment:</b>									
1. Workers covered by State unemployment compensation laws and number of first payments issued, 1940 and 1948.....	11	56	107	167	239	295	350	402	.....
2. Continued claims for unemployment benefits, 1947-49.....	11	56	107	167	240	296	351	403	.....
3. Weeks compensated, 1940 and 1948.....	12	57	109	169	241	297	352	404	.....
4. Exhaustion of benefit rights and estimated average duration of benefits, 1948.....	13	58	109	169	242	297	353	404	.....
5. Average weekly benefit for total unemployment, 1940 and 1948.....	58	109	169	242	297	353	404	.....	.....







# HANDBOOK OF REGIONAL STATISTICS

## REGIONS



# HANDBOOK OF REGIONAL STATISTICS

## CHAPTER 1. ALL REGIONS

The great expansion in employment, output, and incomes which has characterized the past decade was felt in all parts of the country. So too were the readjustments and declines which occurred in the past year. But neither the long-term growth nor the recent declines were felt uniformly and simultaneously in all parts of the country.

### POPULATION

The population of the United States has virtually doubled in the first half of the twentieth century (table B1). Numbers have risen two-thirds or more in every region; but the greatest percentage increases have been in the far West and Southwest. In 1900 about 55 percent of the Nation's population was concentrated in New England, the Middle Atlantic, and the Southeast, which cover less than 25 percent of the Nation's land area (table A1). By 1949, these three regions included barely half the total population.

Since 1940 there has been a rather sharp outflow of persons from the Southeast, and also from the Southwest and Northwest regions (table B2). In-migration has been pronounced in the far Western States, and to some extent in the Central and Middle Atlantic States as well. Virtually all of the increase has been in the cities (table B7). The rural population has actually decreased rather sharply in the South, and has remained relatively stable in the country as a whole.

### EMPLOYMENT

The number of employees in establishments outside of agriculture rose, between 1939 and 1948, by more than 45 percent (table C1a). Although the rise was heaviest in contract construction, and manufacturing, it was very great in trade, transportation, public utilities, services, and the government sector as well. The rise in manufacturing and government took place in the earlier years of the period, and reached a peak during the war. Most of the gains in the other components were made after the war was over.

Manufacturing employment receded in 1949 from the peacetime peaks of 1948. Every industrial area in the country was affected to some extent by this decline, but the greatest impact was felt in New England (table C2).

### UNEMPLOYMENT

Data on prewar trends in unemployment in the various States are not available. However, reports based on unemployment compensation operations show that the number of persons receiving at least one



payment for unemployment was substantially less in 1948 than in 1940 in every section of the country, except the far West (table D1). Even in 1948, however, the average claimant stayed on the rolls about 10 weeks (table D4). About 27 percent of all beneficiaries remained on the rolls long enough to exhaust all their rights in 1948; in 1940, the comparable ratio was about 50 percent.

#### CONSTRUCTION

The construction industry has been one of the most important steadying influences in the economy in the past year (table F1). In 1948 construction expenditures reached an all-time high, and the 1949 figures showed virtually no change. All sections of the country have shared in the heavy volume of building.

#### AGRICULTURE

The average farm in this country is now considerably larger than it was several decades ago. Between 1910 and 1945, the total amount of land in farms rose by 30 percent, but the number of farms actually dropped 8 percent (table G1). This change represents in part the development of agriculture in western regions, where the farm unit is necessarily large.

Farm personnel, in the meantime, has fallen significantly from the level of the twenties and early thirties in every region except the Far West (table C4). However, the regional distribution of farm employment has changed only slightly since 1925.

The average value of farm real estate in early 1949 was more than double the 1940 level, and about equal to the 1920 figure (table G2). Farm wage rates in 1948 were twice as high as in 1919, and more than three times as high as in 1939 (table G4).

#### INCOME

Per capita income payments rose 145 percent between 1940 and 1948 (table K2). The increase was much less than this in the New England, Middle Atlantic, and Far Western States, however, and much greater in the Northwest and the South.

#### OTHER ECONOMIC INDICATORS

Production of electric energy has doubled in the country as a whole since 1940 (table L1). The increases were much sharper than this, however, in the Southeast, Southwest, and far West regions.

Bank deposits nearly tripled between 1939 and 1948 (table L2). The sharpest rises were in the West and South.

About 67 percent of all class I railway revenue freight in 1940 originated in the Middle Atlantic and Central regions. In 1948 these two regions accounted for about 62 percent of the total. The greatest relative increases between the two periods occurred in the Southwest, largely as a result of increased shipments of petroleum and of various manufactured products (table L4).

## A. LAND

### 1. Land area and population density

Region	Land area		Density—Population per square mile				
	Square miles	Percent of United States	1900	1920	1930	1940	1949 <sup>1</sup>
United States.....	2,977,128	100.0	25.6	35.5	41.2	44.2	50.0
New England.....	63,206	2.1	88.5	119.4	129.2	133.5	147.1
Middle Atlantic.....	136,512	4.6	132.3	189.3	223.1	236.2	257.8
Central.....	450,276	15.1	51.2	65.9	75.6	79.5	88.2
Southeast.....	510,885	17.2	35.4	44.7	50.1	55.5	59.6
Southwest.....	568,018	19.1	7.3	13.0	16.0	17.2	19.7
Northwest.....	818,299	27.5	5.6	8.4	9.0	9.1	9.5
Far West.....	429,932	14.4	5.7	13.1	19.4	23.1	35.3

<sup>1</sup> Provisional estimate.

Source: U. S. Bureau of the Census.

### 2. Land use, 1945

Region	Total	Forest land	Crop-land in farms	Pasture and range	Other <sup>1</sup>
United States.....	1,905,362	623,828	525,111	609,484	146,939
New England.....	40,451	31,092	5,180	1,321	2,858
Middle Atlantic.....	87,369	44,214	27,650	6,550	8,955
Central.....	288,177	88,762	151,900	16,191	31,324
Southeast.....	326,967	183,774	96,148	11,319	35,726
Southwest.....	363,531	86,738	71,488	189,927	15,378
Northwest.....	523,711	85,158	147,549	274,110	16,894
Far West.....	275,156	104,090	25,196	110,066	35,804
	Percent in each use				
United States.....	100	32.7	27.6	32.0	7.7
New England.....	100	76.8	12.8	3.3	7.1
Middle Atlantic.....	100	50.6	31.6	7.5	10.3
Central.....	100	30.8	52.7	5.6	10.9
Southeast.....	100	56.2	29.4	3.5	10.9
Southwest.....	100	23.9	19.7	52.2	4.2
Northwest.....	100	16.3	28.2	52.3	3.2
Far West.....	100	37.8	9.2	40.0	13.0
	Percent of United States total				
United States.....	100.0	100.0	100.0	100.0	100.0
New England.....	2.1	5.0	1.0	.2	1.9
Middle Atlantic.....	4.6	7.1	5.3	1.1	6.1
Central.....	15.1	14.2	28.9	2.6	21.3
Southeast.....	17.2	29.5	18.3	1.8	24.3
Southwest.....	19.1	13.9	13.6	31.2	10.5
Northwest.....	27.5	13.6	28.1	45.0	11.5
Far West.....	14.4	16.7	4.8	18.1	24.4

<sup>1</sup> Farmsteads, roads, urban, waste, etc.

Source: U. S. Department of Agriculture, Forest Service, Basic Forest Statistics for the United States.

## B. POPULATION

## 1. Number

Region	1900	1929	1940	1949 <sup>1</sup>
United States.....	75,995,000	121,770,000	131,954,000	148,720,000
New England.....	5,592,000	8,130,000	8,427,000	9,298,000
Middle Atlantic.....	18,065,000	29,939,000	32,241,000	35,195,000
Central.....	23,075,000	33,842,000	35,792,000	39,694,000
Southeast.....	18,074,000	25,434,000	28,354,000	30,428,000
Southwest.....	4,157,000	8,984,000	9,789,000	11,168,000
Northwest.....	4,572,000	7,317,000	7,425,000	7,780,000
Far west.....	2,459,000	8,124,000	9,946,000	15,157,000
Percent change <sup>2</sup>				
	1900-1949	1900-1929	1929-40	1940-49
United States.....	95.7	60.2	8.4	12.7
New England.....	66.3	45.4	3.7	10.3
Middle Atlantic.....	94.8	65.7	7.7	9.2
Central.....	72.0	46.7	5.8	10.9
Southeast.....	68.4	40.7	11.4	7.4
Southwest.....	168.7	116.1	9.0	14.1
Northwest.....	70.2	60.0	1.5	4.8
Far west.....	516.4	230.4	22.4	52.4
Percent of United States total				
	1900	1929	1940	1949
United States.....	100.0	100.0	100.0	100.0
New England.....	7.4	6.7	6.4	6.3
Middle Atlantic.....	23.8	24.6	24.4	23.7
Central.....	30.4	27.8	27.1	26.7
Southeast.....	23.8	20.9	21.5	20.5
Southwest.....	5.5	7.4	7.4	7.5
Northwest.....	6.0	6.0	5.6	5.2
Far west.....	3.2	6.7	7.5	10.2

<sup>1</sup> Provisional estimate.<sup>2</sup> Increase, unless otherwise indicated.

NOTE.—Figures cover total population, including armed forces stationed in the State; 1900, as of June 1; 1929 and later years, as of July 1.

Source: U. S. Bureau of the Census.

## 2. Estimated migration and natural increase, 1940-48

[In thousands]

Region	Net change in civilian population <sup>1</sup>	Natural increase	Net migration <sup>2</sup>	Net loss to armed forces
United States.....	13,888	13,982	+1,328	1,423
New England.....	703	600	+204	101
Middle Atlantic.....	2,412	2,409	+346	343
Central.....	3,236	3,149	+505	386
Southeast.....	1,591	4,489	-2,643	253
Southwest.....	1,081	1,465	-267	118
Northwest.....	177	794	-534	84
Far West.....	4,660	1,080	+3,716	138

<sup>1</sup> Increase, unless otherwise indicated.<sup>2</sup> Net migration, comprises both net immigration from other countries and net interregional or interstate migration. A plus sign (+) indicates net in-migration; a minus sign (-) indicates net out-migration.

Source: U. S. Bureau of the Census, Release P-25, No. 26.

## B. POPULATION—Continued

## 3. Estimated net migration, 1930-48

Region	1930 population	Net migration <sup>1</sup>			
		1930-40	1940-48	1930-48	
				Number	As percent of 1930 population
United States.....	122,775,046	-46,518	+1,328,000	+1,281,482	1.0
New England.....	8,166,341	+1,879	+204,000	+205,879	2.5
Middle Atlantic.....	30,346,730	+405,453	+346,000	+751,453	2.5
Central.....	33,961,444	-131,343	+505,000	+373,657	1.1
Southeast.....	25,550,898	-636,085	-2,643,000	-3,279,085	12.8
Southwest.....	9,079,645	-425,986	-267,000	-692,986	7.6
Northwest.....	7,384,497	-557,701	-534,000	-1,091,701	14.8
Far West.....	8,285,491	+1,297,265	+3,716,000	+5,013,265	60.5

<sup>1</sup> Net migration comprises both net immigration from other countries and net interregional or interstate migration. A plus sign (+) indicates net in-migration; a minus sign (-) indicates net out-migration.

Source: Basic data from U. S. Bureau of the Census. Computations by the Bureau of Labor Statistics. Note that the estimates are only approximate both as to representativeness and as to comparability.

## 4. Age groups

Region	1930				1940				1948			
	All ages	Under 18	18-64 <sup>1</sup>	65 and over	All ages	Under 18	18-64	65 and over <sup>2</sup>	All ages	Under 18	18-64	65 and over
Number (in thousands)												
United States.....	122,775	43,016	73,126	6,634	131,669	40,287	82,363	9,019	146,113	45,292	89,881	10,940
New England.....	8,166	2,655	4,962	549	8,437	2,342	5,380	715	9,156	2,575	5,759	823
Middle Atlantic.....	30,347	10,015	18,746	1,587	32,192	8,972	21,055	2,165	34,706	9,626	22,495	2,585
Central States.....	33,961	11,190	20,663	2,108	35,742	10,305	22,701	2,735	39,061	11,502	24,322	3,237
Southeast.....	25,551	10,588	13,900	1,063	28,262	10,430	16,310	1,522	30,006	11,145	17,086	1,775
Southwest.....	9,080	3,547	5,170	362	9,782	3,404	5,839	540	10,941	3,806	6,457	678
Northwest.....	7,384	2,695	4,264	425	7,410	2,385	4,481	544	7,622	2,402	4,523	637
Far West.....	8,285	2,326	5,420	540	9,844	2,447	6,597	799	14,620	4,181	9,235	1,204
Percent of total												
United States.....	100.0	35.0	59.6	5.4	100.0	30.6	62.6	6.8	100.0	31.0	61.5	7.5
New England.....	100.0	32.5	60.8	6.7	100.0	27.8	63.8	8.5	100.0	28.1	62.9	9.0
Middle Atlantic.....	100.0	33.0	61.8	5.2	100.0	27.9	65.4	6.7	100.0	27.7	64.8	7.4
Central States.....	100.0	32.9	60.8	6.2	100.0	28.8	63.5	7.7	100.0	29.4	62.3	8.3
Southeast.....	100.0	41.4	54.4	4.2	100.0	36.9	57.7	5.4	100.0	37.1	56.9	5.9
Southwest.....	100.0	39.1	56.9	4.0	100.0	34.8	59.7	5.5	100.0	34.8	59.0	6.2
Northwest.....	100.0	36.5	57.7	5.8	100.0	32.2	60.5	7.3	100.0	32.3	59.3	8.4
Far West.....	100.0	28.1	65.4	6.5	100.0	24.9	67.0	8.1	100.0	28.6	63.2	8.2

<sup>1</sup> Figures include a number of persons of unknown age.

<sup>2</sup> 1940 figures for persons aged 65 and over in the United States are believed by Census Bureau to be about 56,000 too high (Census release P-47, No. 3, p. 8).

NOTE.—Figures cover total population, including armed forces stationed in the State—1930 and 1940 figures as of Apr. 1, 1948, as of July 1.

Source: U. S. Bureau of the Census. 1930 and 1940 data are decennial census figures. Figures for 1948 are estimates based on the 1940 census, brought up to date by use of data on births, deaths, net immigration, and strength and distribution of the armed forces, and by use of estimates of net internal migration, based on school enrollment data. In the absence of direct information on net interstate migration this factor had to be estimated, and assumptions had to be introduced regarding the migration rate for each age group—assumptions that may apply more exactly to some States than to others. Furthermore, estimates of population become progressively less reliable as the time since the last census increases. These estimates of population should therefore be regarded as only rough approximations.

## B. POPULATION—Continued

## 6. Urban, rural, 1900-40

Region	Urban			Rural		
	1900	1930	1940	1900	1930	1940
	Number					
United States.....	30, 159, 921	68, 954, 823	74, 423, 702	45, 834, 654	53, 820, 223	57, 245, 573
New England.....	3, 835, 001	6, 311, 976	6, 420, 542	1, 757, 016	1, 854, 365	2, 016, 748
Middle Atlantic.....	11, 156, 989	22, 471, 095	23, 564, 709	6, 907, 986	7, 875, 635	8, 627, 592
Central.....	9, 518, 565	20, 890, 935	21, 879, 384	13, 556, 928	13, 070, 509	13, 862, 190
Southeast.....	2, 760, 603	7, 616, 831	9, 082, 265	15, 313, 526	17, 934, 067	19, 179, 564
Southwest.....	626, 052	3, 467, 701	4, 141, 434	3, 531, 290	5, 611, 944	5, 640, 903
Northwest.....	1, 134, 039	2, 626, 940	2, 936, 168	3, 437, 553	4, 757, 557	4, 474, 267
Far West.....	1, 128, 672	5, 569, 345	6, 399, 200	1, 330, 355	2, 716, 146	3, 444, 309
	Percent of total population					
United States.....	39.7	56.2	56.5	60.3	43.8	43.5
New England.....	68.6	77.3	76.1	31.4	22.7	23.9
Middle Atlantic.....	61.8	74.0	73.2	38.2	26.0	26.8
Central.....	41.2	61.5	61.2	58.8	38.5	38.8
Southeast.....	15.3	29.8	32.1	84.7	70.2	67.9
Southwest.....	15.1	38.2	42.3	84.9	61.8	57.7
Northwest.....	24.8	35.6	39.6	75.2	64.4	60.4
Far West.....	45.9	67.2	65.0	54.1	32.8	35.0

Source: 1940 Census of Population, vol. I.

## 7. Urban, rural, 1940 and 1947

Region <sup>1</sup>	Number				Percent of total				Percent change 1940-47 <sup>2</sup>	
	Urban		Rural		Urban		Rural		Urban	Rural
	1940	1947	1940	1947	1940	1947	1940	1947		
United States.....	74, 423, 702	83, 860, 000	57, 245, 573	58, 201, 000	56.5	59.0	43.5	41.0	12.7	1.7
Northeastern States....	27, 568, 085	29, 456, 000	8, 408, 692	9, 859, 000	76.6	74.9	23.4	25.1	6.8	17.2
North Central States....	23, 437, 483	25, 862, 000	16, 705, 849	16, 801, 000	58.4	60.6	41.6	39.4	10.3	6
South.....	15, 290, 483	18, 394, 000	26, 375, 418	24, 379, 000	36.7	43.0	63.3	57.0	20.3	-7.6
West.....	8, 127, 651	10, 148, 000	5, 755, 614	7, 162, 000	58.5	58.6	41.5	41.4	24.9	24.4

<sup>1</sup>Northeastern States: Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, and Pennsylvania; North Central States: Ohio, Indiana, Illinois, Michigan, Wisconsin, Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas; South: Delaware, Maryland, District of Columbia, West Virginia, Virginia, North Carolina, South Carolina, Georgia, Florida, Kentucky, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, Oklahoma, and Texas; West: New Mexico, Arizona, Montana, Idaho, Wyoming, Colorado, Utah, Washington, Oregon, Nevada, and California.

<sup>2</sup>Increase, unless otherwise indicated.

NOTE.—Data after 1940 are estimates and are available only by region.

Source: U. S. Bureau of the Census, Release P-20, No. 9.

## ALL REGIONS

7

## C. EMPLOYMENT

1. Employees in nonagricultural establishments, by industry division, 1939-49<sup>1</sup>

## NATIONAL TOTALS

## A. BY YEAR

Year	Total	Manu- factur- ing	Mining	Contract construc- tion	Trans- porta- tion and public utilities	Trade <sup>2</sup>	Finance, insur- ance, and real estate	Service <sup>2</sup>	Govern- ment
Number (in thousands)									
Average:									
1939.....	30,287	10,078	845	1,150	2,912	6,705	1,382	3,228	3,987
1943.....	42,042	17,381	917	1,567	3,619	7,322	1,401	3,786	6,049
1947.....	43,371	15,247	943	1,982	4,122	9,196	1,641	4,786	5,454
1948.....	44,201	15,286	981	2,165	4,151	9,491	1,716	4,799	5,613
First half 1948.....	43,633	15,200	964	2,010	4,114	9,318	1,702	4,778	5,546
First half 1949.....	42,993	14,307	981	2,045	4,016	9,358	1,752	4,760	5,776
Percent of total									
1939.....	100.0	33.3	2.8	3.8	9.6	22.1	4.6	10.7	13.2
1943.....	100.0	41.3	2.2	3.7	8.6	17.4	3.3	9.0	14.4
1947.....	100.0	35.2	2.2	4.6	9.5	21.2	3.8	11.0	12.6
1948.....	100.0	34.6	2.2	4.9	9.4	21.5	3.9	10.9	12.7
First half 1948.....	100.0	34.8	2.2	4.6	9.4	21.4	3.9	11.0	12.7
First half 1949.....	100.0	33.3	2.3	4.8	9.3	21.8	4.1	11.1	13.4

## B. BY MONTH

[In thousands]

Month	Total	Manu- factur- ing	Mining	Con- struc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
<b>1948:</b>									
January.....	43,639	15,406	974	1,929	4,094	9,325	1,674	4,746	5,491
February.....	43,350	15,345	966	1,792	4,113	9,239	1,633	4,728	5,484
March.....	43,632	15,369	980	1,877	4,117	9,312	1,696	4,742	5,539
April.....	43,352	15,028	870	2,019	4,054	9,301	1,708	4,789	5,583
May.....	43,704	14,947	989	2,153	4,127	9,340	1,717	4,816	5,615
June.....	44,110	15,107	1,005	2,289	4,181	9,389	1,736	4,848	5,564
July.....	44,164	15,155	974	2,348	4,212	9,363	1,742	4,866	5,504
August.....	44,494	15,400	1,006	2,384	4,213	9,366	1,742	4,860	5,533
September.....	44,946	15,617	1,007	2,369	4,189	9,522	1,725	4,849	5,668
October.....	44,915	15,514	1,000	2,334	4,188	9,654	1,720	4,811	5,694
November.....	44,815	15,368	999	2,287	4,166	9,807	1,721	4,782	5,685
December.....	45,282	15,174	1,002	2,200	4,158	10,273	1,724	4,757	5,994
<b>1949:</b>									
January.....	43,449	14,782	991	2,016	4,054	9,388	1,731	4,723	5,764
February.....	43,061	14,649	986	1,926	4,024	9,292	1,735	4,712	5,737
March.....	42,918	14,475	981	1,947	3,975	9,310	1,749	4,720	5,761
April.....	42,966	14,177	984	2,036	3,991	9,478	1,757	4,768	5,775
May.....	42,731	13,877	974	2,137	4,021	9,342	1,763	4,804	5,813
June.....	42,835	13,884	968	2,205	4,031	9,336	1,774	4,834	5,803
July.....	42,573	13,758	943	2,277	4,007	9,200	1,780	4,851	5,738
August.....	42,994	14,115	957	2,340	3,994	9,218	1,782	4,837	5,763
September.....	43,466	14,312	948	2,341	3,959	9,409	1,771	4,833	5,893
October.....	42,590	13,888	933	2,313	3,872	9,496	1,768	4,794	5,866
November.....	42,743	13,776	914	2,246	3,893	9,579	1,767	4,767	5,783
December.....	43,667	14,007	927	2,135	3,907	10,118	1,771	4,741	6,061

<sup>1</sup> For privately operated nonagricultural industries the BLS employment information covers all full- and part-time employees who were on the pay roll, i. e., who worked during, or received pay for, the pay period ending nearest the 15th of the month. For Federal establishments the employment period relates to the pay period ending prior to the first of the month; in State and local governments, during the pay period ending on or just before the last of the month. Proprietors, self-employed persons, domestic servants, unpaid family workers, and members of the armed forces are excluded from the employment information.

<sup>2</sup> Data for the trade and service industries, beginning with January 1947, are not comparable with data shown for earlier years, because of the shift of the automotive repair service industry from the trade to the service division. In January 1947 this industry amounted to approximately 230,000 employees.

Source: U. S. Department of Labor, Bureau of Labor Statistics.

## C. EMPLOYMENT—Continued

## 2. Employees in manufacturing establishments, in selected months, 1947-49

## A. REGIONAL TOTALS

[In thousands]

Regions	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing: United States <sup>1</sup> .....	15,301.0	15,369.0	14,475.0	15,029.0	15,107.0	13,884.0	15,429.0	15,617.0	14,312.0	15,502.0	15,174.0	<sup>2</sup> 14,007.0
New England.....	1,585.8	1,554.5	1,387.0	1,511.9	1,510.7	1,293.3	1,534.0	1,519.2	1,331.7	1,576.9	1,477.7	1,339.7
Middle Atlantic.....	4,627.2	4,620.2	4,344.3	4,504.8	4,615.0	4,086.3	4,627.8	4,626.4	4,199.0	4,675.0	4,525.6	-----
Central.....	5,237.5	5,258.8	4,954.9	5,207.4	5,177.4	4,747.7	5,289.9	5,311.5	4,824.7	5,294.1	5,195.7	-----
Southeast.....	2,165.6	2,190.5	2,033.8	2,087.6	2,166.4	1,934.3	2,164.9	2,186.2	2,009.3	2,192.1	2,131.7	-----
Southwest.....	407.9	423.0	426.2	425.8	448.8	427.7	424.9	443.3	426.9	434.6	444.1	427.1
Northwest.....	261.1	263.3	264.9	279.4	288.1	277.2	288.9	300.9	290.7	284.7	282.1	284.7
Far West.....	987.0	1,002.0	992.2	1,006.6	1,022.4	1,026.2	1,077.9	1,156.6	1,095.3	1,017.7	1,036.7	1,003.5
Percent change												
	March			June			September			December		
	1947-48	1948-49		1947-48	1948-49		1947-48	1948-49		1947-48	1948-49	
United States.....	0.4	-5.8		0.5	-8.1		1.2	-8.3		-2.1	-7.7	
New England.....	-2.0	-10.8		-.1	-14.4		-1.0	-12.3		-6.3	-9.3	
Middle Atlantic.....	-.2	-6.0		2.4	-11.4		(*)	-9.2		-3.1	-----	
Central.....	.4	-5.7		-.6	-8.0		.4	-9.2		-1.9	-----	
Southeast.....	1.1	-7.2		3.8	-10.7		1.0	-8.1		-2.8	-----	
Southwest.....	3.6	.8		5.4	-4.7		4.3	-3.7		2.2	-----	-3.8
Northwest.....	.8	.6		3.1	-3.8		4.2	-3.4		.9	-----	.9
Far West.....	1.8	-1.2		1.6	.4		7.3	-5.3		1.9	-----	-3.2

<sup>1</sup> Since some States have adjusted to more recent benchmarks than others, and because varying methods of computation are used, the totals for the regions do not add to the national total.

<sup>2</sup> Preliminary.

Source: U. S. Department of Labor, Bureau of Labor Statistics.

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
	All manufacturing <sup>1</sup> .....	15,301	15,369	14,475	15,029	15,107	13,884	15,429	15,617	14,312	15,502	15,174
Durable goods.....	8,496	8,414	7,819	8,373	8,196	7,392	8,315	8,360	7,416	8,461	8,258	7,314
Nondurable goods.....	6,805	6,955	6,656	6,656	6,911	6,492	7,114	7,257	6,896	7,041	6,916	6,693
Ordnance and accessories.....	26	28	28	27	28	25	27	28	23	27	28	21
Lumber and wood products.....	834	800	710	851	805	747	845	843	744	822	780	737
Furniture and fixtures.....	340	361	316	331	339	298	344	345	320	362	339	329
Stone, clay, and glass products.....	498	509	492	502	516	478	506	523	482	511	517	480
Primary metal industries.....	1,239	1,249	1,229	1,237	1,239	1,135	1,224	1,256	1,099	1,234	1,267	1,130
Fabricated metal products (except ordnance machinery and transportation equipment).....	1,011	991	890	985	942	836	994	984	863	1,009	966	828
Machinery (except electrical).....	1,556	1,557	1,431	1,531	1,544	1,285	1,519	1,525	1,237	1,550	1,509	1,220
Electrical machinery.....	955	899	795	910	854	725	901	853	736	923	853	758
Transportation equipment.....	1,296	1,284	1,248	1,287	1,216	1,224	1,231	1,267	1,240	1,284	1,282	1,139
Instruments and related products.....	271	263	245	268	257	236	261	262	233	263	258	234
Miscellaneous manufacturing industries.....	469	473	426	444	456	403	463	474	439	476	458	438
Food and kindred products.....	1,403	1,430	1,406	1,472	1,531	1,501	1,756	1,787	1,700	1,535	1,513	1,479
Tobacco manufactures.....	103	98	92	95	95	91	112	106	101	104	100	94
Textile-mill products.....	1,354	1,398	1,240	1,287	1,380	1,170	1,305	1,348	1,218	1,369	1,324	1,269
Apparel and other finished textile products.....	1,151	1,198	1,166	1,066	1,128	1,073	1,156	1,186	1,197	1,188	1,155	1,156
Paper and allied products.....	469	468	451	462	465	434	461	474	448	472	475	455
Printing, publishing, and allied industries.....	701	722	723	707	720	725	719	725	724	726	739	735
Chemicals and allied products.....	701	703	691	672	683	642	689	707	655	704	709	657
Products of petroleum and coal.....	232	246	245	239	254	246	245	255	247	246	249	241
Rubber products.....	282	265	243	265	255	230	261	257	211	269	256	234
Leather and leather goods.....	409	427	399	391	400	380	416	412	395	428	396	373
	Percent change											
	March			June			September			December		
	1947-48	1948-49		1947-48	1948-49		1947-48	1948-49		1947-48	1948-49	
All manufacturing.....	0.4	-5.8		0.5	-8.1		1.2	-8.4		-2.1	-7.7	
Durable.....	-1.0	-7.1		-2.1	-9.8		.5	-11.3		-2.4	-11.4	
Nondurable.....	2.2	-4.3		3.8	-6.1		2.0	-5.0		-1.8	-3.2	

<sup>1</sup> State data are collected and prepared in cooperation with various State agencies as indicated on individual tables. Since some States have adjusted to more recent benchmarks than others, and because varying methods of computation are used, the total of the State series differs from the national total.

NOTE.—Series based on the 1945 Standard Industrial Classification. Source: U. S. Department of Labor, Bureau of Labor Statistics.

ALL REGIONS



## C. EMPLOYMENT—Continued

## 4. Agriculture

## FAMILY AND HIRED LABOR EMPLOYED ON FARMS

Year	United States	New England	Middle Atlantic	Central	South-east	South-west	North-west <sup>1</sup>	Far West <sup>1</sup>
Number (in thousands)								
1925.....	11,448	277	971	2,722	4,527	1,345	1,048	558
1930.....	11,173	258	878	2,571	4,476	1,352	1,062	576
1935.....	11,131	250	884	2,568	4,595	1,277	1,021	536
1940.....	10,585	252	868	2,471	4,267	1,217	953	557
1941.....	10,361	247	843	2,422	4,120	1,193	973	563
1942.....	10,397	252	858	2,424	4,103	1,203	979	578
1943.....	10,263	249	845	2,381	4,066	1,178	966	578
1944.....	10,037	237	821	2,357	3,969	1,142	950	581
1945.....	9,844	240	823	2,297	3,847	1,118	933	586
1946.....	10,010	242	841	2,321	3,935	1,127	950	594
1947.....	10,157	244	843	2,364	3,954	1,157	992	603
1948.....	10,089	245	833	2,359	3,924	1,136	982	610
Percent of United States total								
1925.....	100.0	2.4	8.5	23.8	39.5	11.7	9.2	4.9
1930.....	100.0	2.3	7.9	23.0	40.1	12.1	9.5	5.2
1935.....	100.0	2.2	7.9	23.1	41.3	11.5	9.2	4.8
1940.....	100.0	2.4	8.2	23.3	40.3	11.5	9.0	5.3
1941.....	100.0	2.4	8.1	23.4	39.8	11.5	9.4	5.4
1942.....	100.0	2.4	8.2	23.3	39.5	11.6	9.4	5.6
1943.....	100.0	2.4	8.3	23.2	39.6	11.5	9.4	5.6
1944.....	100.0	2.3	8.2	23.3	39.5	11.4	9.5	5.8
1945.....	100.0	2.4	8.4	23.3	39.1	11.4	9.5	5.9
1946.....	100.0	2.4	8.4	23.2	39.3	11.3	9.5	5.9
1947.....	100.0	2.4	8.3	23.3	38.9	11.4	9.8	5.9
1948.....	100.0	2.4	8.3	23.4	38.9	11.3	9.7	6.0

<sup>1</sup> Nevada is included in Northwest region.

Source: U. S. Department of Agriculture, Bureau of Agricultural Economics.

## D. UNEMPLOYMENT

## 1. Workers covered by State unemployment compensation laws and number of first payments issued, 1940 and 1948

Region	Average monthly covered employment					Number of first payments issued (in thousands)	
	Number (in thousands)		Percent of total		Per- cent in- crease, 1940-48	1940	1948
	1940	1948	1940	1948			
United States.....	23,016.3	32,856.9	100.0	100.0	42.8	5,211.7	3,993.7
New England.....	2,109.8	2,704.0	9.2	8.2	28.2	592.4	460.2
Middle Atlantic.....	7,598.8	10,064.5	33.0	30.6	32.6	1,694.5	1,380.9
Central.....	6,665.5	9,496.2	29.0	28.9	42.5	1,346.0	854.5
Southeast.....	3,083.3	4,506.6	13.4	13.7	46.2	709.7	465.9
Southwest.....	966.2	1,636.8	4.2	5.0	69.4	207.7	78.8
Northwest.....	701.1	1,055.5	3.0	3.2	50.5	156.0	71.2
Far West.....	1,891.6	3,393.3	8.2	10.3	79.4	505.4	682.2

Source: U. S. Department of Labor, Bureau of Employment Security.

## 2. Continued claims for unemployment benefits, 1947-49

Region	Mid-March <sup>1</sup>							
	Number of continued claims			Percent change <sup>2</sup>		Ratio of claimants to covered workers <sup>3</sup>		
	Mar. 22, 1947	Mar. 20, 1948	Mar. 19, 1949	1947-48	1948-49	Mar. 22, 1947	Mar. 20, 1948	Mar. 19, 1949
United States.....	1,120,196	1,071,721	1,949,747	-4.3	81.9	3.7	3.3	5.9
New England.....	87,048	87,632	199,033	.7	127.1	3.4	3.2	7.4
Middle Atlantic.....	390,616	346,680	578,663	-11.2	66.9	4.2	3.5	5.7
Central.....	210,820	221,696	417,702	-5.2	88.4	2.4	2.4	4.4
Southeast.....	131,980	132,506	259,988	.4	96.2	3.2	3.0	5.8
Southwest.....	38,301	31,279	54,181	-18.3	73.2	2.7	2.0	3.3
Northwest.....	28,170	29,826	44,736	5.9	50.0	3.1	2.9	4.2
Far West.....	233,261	222,102	395,445	-4.8	78.0	7.5	6.8	11.7

Region	Mid-June <sup>1</sup>							
	Number of continued claims			Percent change <sup>2</sup>		Ratio of claimants to covered workers <sup>3</sup>		
	June 21, 1947	June 19, 1948	June 18, 1949	1947-48	1948-49	June 21, 1947	June 19, 1948	June 18, 1949
United States.....	1,169,812	1,016,451	2,007,440	-13.1	97.5	3.9	3.2	6.1
New England.....	143,570	129,020	304,215	-10.1	135.8	5.5	4.8	11.3
Middle Atlantic.....	450,269	345,493	627,277	-23.3	81.6	4.8	3.5	6.2
Central.....	197,280	200,972	453,603	1.9	125.7	2.3	2.1	4.8
Southeast.....	145,345	124,209	286,244	-14.5	124.0	3.6	2.8	6.4
Southwest.....	27,907	19,427	41,686	-30.4	114.6	2.0	1.3	2.5
Northwest.....	13,317	11,126	18,979	-16.5	70.6	1.5	1.1	1.8
Far West.....	192,124	186,204	275,436	-3.1	47.9	6.2	5.7	8.1

See footnotes at end of table, p. 12.

## D. UNEMPLOYMENT—Continued

## 2. Continued claims for unemployment benefits, 1947-49—Continued

Region	Mid-September <sup>1</sup>							
	Number of continued claims			Percent change <sup>2</sup>		Ratio of claimants to covered workers <sup>3</sup>		
	Sept. 20, 1947	Sept. 25, 1948	Sept. 24, 1949	1947-48	1948-49	Sept. 20, 1947	Sept. 25, 1948	Sept. 24, 1949
United States.....	866,361	821,725	1,902,578	-5.2	131.5	2.9	2.6	5.8
New England.....	86,804	88,513	207,826	2.0	134.8	3.3	3.3	7.7
Middle Atlantic.....	335,490	298,164	709,755	-11.1	138.0	3.6	3.0	7.1
Central.....	158,588	156,888	420,938	-1.1	168.3	1.8	1.7	4.4
Southeast.....	105,379	104,903	245,800	-0.5	134.3	2.6	2.4	5.5
Southwest.....	21,365	16,145	41,649	-24.4	158.0	1.5	1.1	2.5
Northwest.....	9,678	8,157	20,245	-15.7	148.2	1.1	.8	1.9
Far West.....	149,057	148,955	256,365	-1.1	72.1	4.8	4.6	7.6

Region	Mid-December <sup>1</sup>							
	Number of continued claims			Percent change <sup>2</sup>		Ratio of claimants to covered workers <sup>3</sup>		
	Dec. 13, 1947	Dec. 18, 1948	Dec. 17, 1949	1947-48	1948-49	Dec. 13, 1947	Dec. 18, 1948	Dec. 17, 1949
United States.....	783,889	1,129,265	-----	44.1	-----	2.6	3.5	-----
New England.....	63,909	119,500	-----	87.0	-----	2.5	4.4	-----
Middle Atlantic.....	289,365	391,304	-----	35.2	-----	3.1	4.0	-----
Central.....	142,209	197,013	-----	38.5	-----	1.6	2.1	-----
Southeast.....	88,737	141,295	-----	59.2	-----	2.2	3.2	-----
Southwest.....	18,562	22,222	-----	19.7	-----	1.3	1.4	-----
Northwest.....	14,449	20,775	-----	43.8	-----	1.6	2.0	-----
Far West.....	166,658	237,156	-----	42.3	-----	5.3	7.3	-----

<sup>1</sup> Dates were selected to minimize as far as possible such noneconomic factors as holidays and new benefit years.

<sup>2</sup> Increase, unless otherwise indicated.

<sup>3</sup> The rate of unemployment was obtained by dividing the number of claims by the annual average number of persons covered in the previous year.

Source: U. S. Department of Labor, Bureau of Employment Security.

## 3. Weeks compensated, 1940 and 1948

[In thousands]

Region	1940					1948				
	Total for year	March	June	September	December	Total for year	March	June	September	December
United States.....	51,012	4,574	5,324	3,603	2,973	42,550	4,230	3,859	3,114	4,044
New England.....	5,439	419	671	367	302	4,478	354	482	351	469
Middle Atlantic.....	15,926	1,246	1,902	1,074	874	15,327	1,455	1,300	1,172	1,415
Central.....	12,427	1,165	1,213	895	682	7,996	829	806	559	653
Southeast.....	7,500	648	740	663	412	4,781	465	420	401	440
Southwest.....	1,959	183	166	145	123	799	98	67	54	63
Northwest.....	1,688	233	122	90	115	668	114	42	31	63
Far West.....	6,071	680	509	367	464	8,500	915	744	547	940

Source: U. S. Department of Labor, Bureau of Employment Security.

## D. UNEMPLOYMENT—Continued

## 4. Exhaustion of benefit rights and estimated average duration of benefits, 1948

Region	Exhaustions of benefits		Estimated average duration (weeks) <sup>2</sup>
	Number	As percent of first payments <sup>1</sup>	
United States:			
1940 <sup>3</sup> .....	2,596,128	50.6	9.9
1948.....	1,024,274	27.5	10.7
New England.....	125,565	30.8	9.7
Middle Atlantic.....	267,963	29.6	11.1
Central.....	193,853	23.7	9.4
Southeast.....	175,750	41.8	10.3
Southwest.....	40,031	52.4	10.1
Northwest.....	19,727	29.6	9.4
Far West.....	201,385	31.8	12.5

<sup>1</sup> Exhaustions for calendar year as percent of first payments for 12-month period ended in September.

<sup>2</sup> Represents number of weeks compensated, divided by number of first payments in calendar year.

<sup>3</sup> No State break-downs available for 1940. The 1940 figures exclude Indiana and Wisconsin and include Alaska and Hawaii.

Source: U. S. Department of Labor, Bureau of Employment Security.

## E. MANUFACTURING

## 1. Establishments, production workers, and value added by manufacture, 1939 and 1947

## UNITED STATES

Major industry groups	Establishments, number		Production workers				Value added by manufacture			
	1939	1947	Number		Percent		Amount (in thousands)		Percent	
			1939	1947	1939	1947	1939	1947	1939	1947
All industries.....	173, 802	240, 881	7, 808, 205	11, 916, 188	100. 0	100. 0	\$24, 487, 304	\$74, 425, 825	100. 0	100. 0
Food and kindred products.....	43, 667	39, 933	802, 133	1, 099, 478	10. 3	9. 2	3, 484, 696	9, 024, 912	14. 2	12. 1
Tobacco manufactures.....	765	1, 086	87, 525	103, 289	1. 1	. 9	350, 152	641, 356	1. 4	. 9
Textile mill products.....	6, 388	8, 185	1, 081, 710	1, 147, 194	13. 9	9. 6	1, 817, 996	5, 340, 876	7. 4	7. 2
Apparel and related products.....	20, 275	30, 960	752, 829	972, 897	9. 6	8. 2	1, 386, 004	4, 443, 373	5. 7	6. 0
Lumber and wood products (except furniture).....	13, 208	26, 231	422, 947	596, 118	5. 4	5. 0	731, 208	2, 497, 192	3. 0	3. 4
Furniture and fixtures.....	5, 178	7, 667	189, 382	282, 780	2. 4	2. 4	417, 785	1, 377, 908	1. 7	1. 9
Paper and allied products.....	3, 328	4, 103	270, 239	388, 901	3. 5	3. 3	888, 350	2, 874, 958	3. 6	3. 9
Printing and publishing industries.....	24, 878	28, 986	324, 371	438, 135	4. 2	3. 7	1, 765, 314	4, 269, 416	7. 2	5. 7
Chemicals and allied products.....	8, 839	10, 073	275, 669	466, 458	3. 5	3. 9	1, 818, 941	5, 365, 201	7. 4	7. 2
Products of petroleum and coal.....	1, 227	1, 387	107, 695	169, 610	1. 4	1. 4	697, 273	2, 015, 807	2. 8	2. 7
Rubber products.....	595	875	120, 740	214, 533	1. 5	1. 8	406, 155	1, 302, 863	1. 7	1. 8
Leather and leather products.....	3, 505	5, 308	327, 189	348, 529	4. 2	2. 9	582, 915	1, 632, 803	2. 4	2. 0
Stone, clay, and glass products.....	6, 678	11, 650	267, 094	405, 755	3. 4	3. 4	856, 323	2, 906, 480	3. 5	3. 1
Primary metal industries.....	3, 512	5, 363	672, 438	1, 010, 058	8. 6	8. 5	2, 168, 899	5, 765, 434	8. 9	7. 7
Fabricated metal products.....	9, 532	16, 734	451, 087	822, 514	5. 8	6. 9	1, 400, 883	4, 921, 476	5. 7	6. 6
Machinery (except electrical).....	8, 860	17, 906	536, 082	1, 244, 135	6. 9	10. 4	2, 036, 965	7, 812, 455	8. 3	10. 5
Electrical machinery.....	1, 979	3, 973	247, 930	639, 147	3. 2	5. 4	941, 469	3, 694, 115	3. 8	5. 2
Transportation equipment.....	2, 012	3, 711	544, 553	987, 142	7. 0	8. 3	1, 772, 573	5, 869, 196	7. 2	7. 9
Instruments and related products.....	1, 292	2, 599	84, 867	181, 939	1. 1	1. 5	333, 409	1, 080, 336	1. 4	1. 5
Miscellaneous manufactures.....	8, 084	14, 131	241, 725	397, 579	3. 1	3. 3	629, 994	2, 090, 168	2. 6	2. 8

Source: 1947 Census of Manufactures, Final State Reports (Series MC100). Although 1939 data have been adjusted wherever possible to the Standard Industrial Classification used for the 1947 Census, figures given for the two periods are not in every case completely comparable. For full descriptions of the small variations remaining in various industry groups, see the industry volume of the 1947 Census of Manufactures (vol. II).

2. Production workers, 1939 and 1947

Region	All industries				Food and kindred products				Tobacco manufactures			
	1939	1947	Change <sup>1</sup>		1939	1947	Change <sup>1</sup>		1939	1947	Change <sup>1</sup>	
			Number	Per-cent			Number	Per-cent			Number	Per-cent
United States.....	7,808,205	11,916,188	4,107,983	53	802,133	1,099,478	297,345	37	87,525	103,289	15,764	18
New England.....	947,412	1,248,325	300,913	32	44,146	50,639	6,493	15	1,343	1,270	-73	-5
Middle Atlantic.....	2,477,137	3,582,523	1,105,386	45	200,107	252,507	52,400	26	30,106	26,337	-----	-----
Central.....	2,499,379	4,092,526	1,593,147	64	284,884	381,378	96,494	34	(?)	(?)	-----	-----
Southeast.....	1,195,975	1,735,798	539,823	55	92,530	148,456	55,926	60	(?)	(?)	-----	-----
Southwest.....	161,881	303,832	141,951	88	35,281	57,600	22,319	63	(?)	343	-----	-----
Northwest.....	114,239	205,205	90,966	80	50,663	77,559	26,896	53	(?)	(?)	-----	-----
Far West.....	412,063	747,979	335,916	82	94,513	131,339	36,826	39	(?)	(?)	-----	-----
	Textile mill products				Apparel and related products				Lumber and products, except furniture			
United States.....	1,081,710	1,147,194	65,484	6	752,829	972,897	220,068	29	422,947	596,118	173,171	41
New England.....	260,557	260,695	138	(?)	61,078	66,909	5,831	10	20,899	31,300	10,401	50
Middle Atlantic.....	285,732	276,041	-9,691	-3	436,838	558,863	122,025	28	31,962	46,736	14,774	46
Central.....	450,151	473,351	-3,101	-6	141,380	156,530	15,150	11	58,856	73,629	14,773	25
Southeast.....	468,201	544,521	-----	-----	74,685	120,933	46,248	62	180,741	267,636	86,895	48
Southwest.....	(?)	(?)	-----	-----	10,416	21,260	-----	-----	25,263	35,387	10,124	40
Northwest.....	(?)	(?)	-----	-----	2,552	5,583	-----	-----	11,611	17,447	5,836	50
Far West.....	6,822	7,828	1,006	15	25,831	42,737	-----	-----	93,614	123,983	30,369	32
	Furniture and fixtures				Paper and allied products				Printing and publishing industries			
United States.....	189,382	282,780	93,398	49	270,239	388,901	118,662	44	324,371	438,135	113,764	35
New England.....	12,072	15,609	3,537	29	46,062	60,020	13,958	30	29,145	36,127	6,982	24
Middle Atlantic.....	39,512	58,968	19,456	49	80,557	112,309	31,752	39	115,163	151,778	36,615	32
Central.....	73,544	108,184	34,640	47	88,669	122,632	33,963	38	118,832	159,002	40,170	34
Southeast.....	45,458	68,304	22,846	50	35,286	61,855	26,569	75	22,057	32,983	10,926	50
Southwest.....	3,183	6,536	3,353	105	4,174	4,118	-----	-----	9,419	14,693	5,274	56
Northwest.....	4,481	2,797	-----	-----	(?)	(?)	-----	-----	9,115	12,850	3,735	41
Far West.....	14,097	22,355	8,258	59	16,613	25,787	9,174	55	20,637	30,702	10,065	49

See footnotes at end of table, p. 17.

ALL REGIONS

**E. MANUFACTURING—Continued**  
**2. Production workers, 1939 and 1947—Continued**

Region	Chemicals and allied products				Products of petroleum and coal				Rubber products			
	1939	1947	Change <sup>1</sup>		1939	1947	Change <sup>1</sup>		1939	1947	Change <sup>1</sup>	
			Number	Per cent			Number	Per cent			Number	Per cent
United States.....	275,669	466,458	190,789	69	107,695	169,610	61,915	57	120,740	214,533	93,793	78
New England.....	12,174	20,123	7,949	65	2,734	2,985	251	9	26,661	37,502	10,841	41
Middle Atlantic.....	112,569	176,246	63,677	57	31,384	47,204	15,820	50	4 23,051	4 38,773	-----	-----
Central.....	63,596	120,863	57,267	90	27,950	42,847	14,927	53	60,153	106,489	46,336	77
Southeast.....	64,537	100,546	36,009	56	4 6,858	4 14,832	-----	-----	(?)	(?)	-----	-----
Southwest.....	8,172	20,219	12,047	147	4 23,295	4 36,029	-----	-----	(?)	2,052	-----	-----
Northwest.....	4 3,546	4 6,917	-----	-----	4 5,401	4 7,588	-----	-----	(?)	(?)	-----	-----
Far West.....	4 10,940	21,544	-----	-----	9,601	17,628	8,027	84	(?)	(?)	-----	-----
	Leather and leather products				Stone, clay, and glass products				Primary metal industries			
United States.....	327,189	348,529	21,340	7	267,094	405,755	138,661	52	672,438	1,010,055	337,617	50
New England.....	106,992	98,770	-8,222	-8	11,399	17,508	6,109	54	37,764	52,924	15,160	40
Middle Atlantic.....	99,342	108,207	8,865	9	105,012	156,365	51,353	49	281,596	378,571	96,975	34
Central.....	100,761	109,423	8,662	9	4 94,721	4 132,214	-----	-----	276,239	439,115	162,876	59
Southeast.....	(?)	(?)	-----	-----	27,877	44,986	17,109	61	4 42,774	4 66,957	-----	-----
Southwest.....	(?)	4 1,502	-----	-----	7,854	14,271	6,417	82	4 6,884	4 16,663	-----	-----
Northwest.....	(?)	(?)	-----	-----	4,975	8,324	3,349	67	4 10,936	4 19,062	-----	-----
Far West.....	4 2,848	4 5,603	-----	-----	13,295	28,122	14,827	112	4 15,790	4 36,127	-----	-----
	Fabricated metal products				Machinery (except electrical)				Electrical machinery			
United States.....	451,087	822,514	371,427	82	536,082	1,244,135	708,053	132	247,930	639,147	391,217	158
New England.....	57,477	91,868	34,391	60	82,766	164,096	81,330	98	35,486	77,337	41,851	118
Middle Atlantic.....	134,320	233,657	99,337	74	121,184	283,589	162,405	134	4 96,037	4 231,397	-----	-----
Central.....	203,184	377,174	173,990	86	291,174	680,366	389,192	134	108,662	299,215	190,553	175
Southeast.....	24,504	45,328	20,824	85	11,583	33,803	22,220	192	(?)	(?)	-----	-----
Southwest.....	4 5,579	14,165	-----	-----	4 10,273	23,579	-----	-----	(?)	(?)	-----	-----
Northwest.....	4 3,520	4 7,523	-----	-----	4 3,410	11,400	-----	-----	(?)	(?)	-----	-----
Far West.....	4 22,356	4 52,677	-----	-----	4 15,623	47,302	-----	-----	4,137	15,667	11,530	279

	Transportation equipment				Instruments and related products				Miscellaneous manufactures			
United States.....	544,553	987,142	442,589	81	84,867	181,939	97,072	114	241,725	397,579	155,854	64
New England.....	21,545	38,997	17,452	81	19,123	31,335	12,212	64	57,989	92,311	34,322	59
Middle Atlantic.....	106,135	193,328	87,193	82	* 45,125	92,982	-----	-----	100,594	157,694	57,100	57
Central.....	359,851	564,981	205,130	57	17,269	44,614	27,345	158	66,923	114,591	47,668	71
Southeast.....	20,688	52,932	32,244	156	(?)	* 4,778	-----	-----	7,332	12,706	5,374	73
Southwest.....	* 2,888	* 19,475	-----	-----	(?)	(?)	-----	-----	1,497	3,399	1,902	127
Northwest.....	* 1,254	* 10,320	-----	-----	(?)	(?)	-----	-----	* 1,715	* 3,845	-----	-----
Far West.....	* 32,097	* 107,039	-----	-----	* 1,311	* 5,371	-----	-----	* 5,590	12,985	-----	-----

1 Increase, unless otherwise indicated.

2 Withheld to avoid disclosing figures for individual companies.

3 Less than 0.5 percent.

4 Omits a number of employees. They are included in the total for the region and in the national total for the industry.

Source: 1947 Census of Manufactures, final State reports (Series M100). Although 1939 data have been adjusted wherever possible to the standard industrial classification used for the 1947 census, figures for the 2 periods are not in every case completely comparable. For full descriptions of the small variations remaining in various industry groups, see the industry volume of the 1947 Census of Manufactures (vol. II).

In order to avoid disclosing figures for individual companies, the statistics for some industry groups are not shown. They are included, however, in the State totals.



## E. MANUFACTURING—Continued

3. Trends in total manufacturing, 1899-1947<sup>1</sup>

## NUMBER OF ESTABLISHMENTS

Year	United States	New England	Middle Atlantic	Central	Southeast	Southwest	Northwest	Far West
Number								
1899.....	204,750	22,576	72,668	66,298	25,940	3,930	7,674	8,428
1909.....	264,810	25,351	89,982	79,477	40,243	7,522	12,160	13,756
1919.....	270,231	24,552	94,082	77,629	39,736	8,492	13,083	17,265
1929.....	206,663	18,272	70,456	59,793	28,714	7,454	7,993	18,277
1939.....	173,802	15,201	57,900	48,776	21,901	7,190	6,421	16,413
1947.....	240,881	20,274	80,700	63,827	33,884	9,845	8,092	24,259
Index (1899=100)								
1899.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1909.....	129.3	112.3	123.8	119.9	155.1	191.4	158.5	163.2
1919.....	132.0	108.8	129.5	117.1	153.2	216.1	170.5	204.9
1929.....	100.9	80.9	97.0	90.2	110.7	189.7	104.2	216.9
1939.....	84.9	67.3	79.7	73.6	84.4	183.0	83.7	194.7
1947.....	117.6	89.8	111.1	96.3	130.6	250.5	105.4	287.8

## ALL EMPLOYEES (Average for the year)

Year	United States	New England	Middle Atlantic	Central	Southeast	Southwest	Northwest	Far West
Number								
1899.....	4,850,019	897,305	1,806,768	1,417,611	584,054	50,024	97,251	133,870
1909.....	7,012,066	1,187,987	2,712,683	2,079,083	914,325	106,834	159,312	245,089
1919.....	9,836,801	1,509,093	3,645,138	3,299,262	1,128,986	175,517	232,545	488,679
1929.....	9,659,742	1,245,868	3,287,872	3,411,603	1,278,169	212,060	203,848	558,098
1939.....	9,527,306	1,121,152	3,049,478	3,103,317	1,358,096	213,666	155,994	524,900
1947.....	14,294,304	1,474,684	4,361,924	4,965,818	1,946,859	374,234	254,331	916,454
Index (1899=100)								
1899.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1909.....	144.6	132.4	143.0	146.7	156.5	213.6	163.8	183.1
1919.....	202.8	168.2	192.2	232.7	193.3	350.9	239.1	365.0
1929.....	199.2	138.8	173.3	240.7	218.8	423.9	209.6	416.9
1939.....	196.4	124.9	160.8	218.9	232.5	427.1	160.4	392.1
1947.....	294.7	164.3	230.0	350.3	333.3	748.1	261.5	684.6

See footnote at end of table, p. 19.

## E. MANUFACTURING—Continued

3. Trends in total manufacturing, 1899-1947<sup>1</sup>—Continued

## PRODUCTION WORKERS (Average for the year)

Year	United States	New England	Middle Atlantic	Central	Southeast	Southwest	Northwest	Far West
Number								
1899.....	4,501,919	851,903	1,758,811	1,290,003	553,988	46,601	87,747	123,710
1909.....	6,261,736	1,101,290	2,408,506	1,813,159	845,175	93,957	137,536	215,423
1919.....	8,464,916	1,347,531	3,120,722	2,774,208	1,025,791	149,349	194,010	429,079
1929.....	8,369,705	1,098,514	2,812,069	2,930,147	1,171,938	181,219	171,410	473,446
1939.....	7,808,205	947,412	2,477,137	2,499,379	1,195,975	161,881	114,239	412,063
1947.....	11,916,188	1,248,325	3,582,523	4,092,526	1,735,798	303,832	205,205	747,979
Index (1899=100)								
1899.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1909.....	139.1	129.3	136.9	140.6	152.6	201.6	156.7	174.1
1919.....	188.0	158.2	177.4	215.1	185.2	320.5	221.1	346.8
1929.....	185.9	128.9	159.9	227.1	211.5	388.9	195.3	382.7
1939.....	173.4	111.2	140.8	193.7	215.9	347.4	130.2	333.1
1947.....	264.7	146.5	203.7	317.2	313.3	652.0	233.9	604.6

## VALUE ADDED BY MANUFACTURE

Year	United States	New England	Middle Atlantic	Central	Southeast	Southwest	Northwest	Far West.
Amount (in thousands of dollars)								
1899.....	4,646,981	756,311	1,900,363	1,458,079	385,240	55,833	133,800	141,448
1909.....	8,160,075	1,193,767	3,204,901	2,613,258	791,935	135,540	236,506	353,354
1919.....	23,841,624	3,221,328	9,038,226	8,178,132	2,209,450	420,867	563,386	1,269,401
1929.....	30,591,435	3,239,798	10,971,592	11,479,803	2,927,767	653,278	682,103	1,930,947
1939.....	24,487,304	2,414,268	8,040,105	8,876,440	2,573,723	590,570	433,756	1,558,450
1947.....	74,425,825	6,813,800	22,874,091	26,790,394	8,693,235	2,227,935	1,454,559	5,571,811
Index (1899=100)								
1899.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1909.....	175.6	157.8	168.6	179.2	205.6	242.8	176.8	249.8
1919.....	513.1	425.9	475.6	560.9	573.5	753.8	421.1	897.4
1929.....	658.3	428.4	577.3	787.3	760.0	1,170.1	509.8	1,365.1
1939.....	526.9	319.2	423.1	608.8	668.1	1,057.7	324.2	1,101.8
1947.....	1,601.6	900.9	1,203.7	1,837.4	2,256.6	3,990.4	1,087.1	3,939.1

<sup>1</sup> Differences in the levels of manufacturing employment in 1939 and 1947 as estimated by the Bureau of Labor Statistics (tables C) and by the Bureau of the Census (tables E) are attributable largely to differences in the definition of manufacturing and in the classification of establishments, administrative offices, and auxiliary units.

Source: 1947 Census of Manufactures, Final State Reports. (MC100 series.) National series were revised to exclude industries that are no longer counted as manufacturing. Similar adjustments could not be made in the State series, because data were not available for many of these industries on a State basis. The sum of the State and regional figures is therefore not equal to the United States totals.

State figures for 1939 and 1947 exclude, whereas earlier figures include, data for "Railroad repair shops," "Manufactured gas," and a few minor industries. Similarly, dates after 1919 exclude figures on the "Automobile repairing" industry, and "Motion pictures" were excluded from manufacturing after 1931. For these reasons the State figures for 1939 and 1947 are not completely comparable to those for earlier years.

The minimum size for establishments to be enumerated has varied from one census to another. The chief resulting lack of comparability is seen in the data on number of establishments. In 1919 and previously, establishments producing a total value of \$500 or more during the year were included. For the period 1921-39 the lower limit was set at \$5,000. The result was to exclude after 1919 a large number of small establishments, but no large amount of employment or of production. If the \$5,000 limit had been in effect in 1919, some 23 percent of the establishments (those producing between \$500 and \$5,000 worth of manufactures per year) would have been omitted, but only about 1/2 of 1 percent of the production workers or the value added by manufacture. For the 1947 census, all establishments that employed at least 1 person at any time during the year were included.

## F. CONSTRUCTION

## 1. New construction activity

## UNITED STATES

[Millions of dollars]

Year	Total	Private				Public			
		Total <sup>1</sup>	Residential building (excluding farm)	Non-residential building	Public utility	Total	Non-residential building	Highway	Other <sup>2</sup>
1939.....	6,307	3,808	2,114	785	683	2,499	859	867	773
1940.....	7,042	4,390	2,355	1,028	771	2,652	556	882	1,214
1941.....	10,490	5,426	2,765	1,486	872	5,064	1,584	800	2,680
1942.....	13,412	3,007	1,315	635	786	10,405	3,653	616	6,136
1943.....	7,784	1,744	650	232	570	6,040	1,805	420	3,815
1944.....	4,136	1,823	535	350	725	2,313	638	346	1,329
1945.....	4,808	2,716	684	1,014	827	2,092	652	386	1,054
1946.....	10,464	8,253	3,183	3,346	1,374	2,211	325	778	1,108
1947.....	14,324	11,179	5,260	3,131	2,338	3,145	505	1,300	1,340
1948.....	18,775	14,563	7,223	3,578	3,262	4,212	1,057	1,585	1,570
First quarter, 1948.....	3,455	2,850	1,400	709	600	605	172	151	282
Second quarter, 1948.....	4,704	3,669	1,857	841	822	1,035	237	408	300
Third quarter, 1948.....	5,709	4,304	2,134	981	963	1,405	307	626	472
First quarter, 1949.....	3,732	2,858	1,295	818	705	874	340	188	346
Second quarter, 1949.....	4,681	3,326	1,575	776	855	1,355	419	445	491
Third quarter, 1949 <sup>3</sup> .....	5,613	3,967	1,990	706	981	1,646	455	615	576

<sup>1</sup> Includes farm construction.<sup>2</sup> Includes residential building, military and naval, miscellaneous public-service enterprises, conservation and development, sewer and water, and all other public construction.<sup>3</sup> Third quarter figures are preliminary.

Source: U. S. Department of Commerce.

3. Number of new permanent nonfarm dwelling units started, 1920-49<sup>1</sup>

Year	Total nonfarm	Urban <sup>2</sup>	Rural nonfarm <sup>2</sup>	Year	Total nonfarm	Urban <sup>2</sup>	Rural nonfarm <sup>2</sup>
1920.....	247,000	196,000	51,000	1935.....	221,000	117,000	104,000
1921.....	449,000	359,000	90,000	1936.....	319,000	211,000	108,000
1922.....	716,000	574,000	142,000	1937.....	336,000	218,000	118,000
1923.....	871,000	698,000	173,000	1938.....	406,000	262,000	144,000
1924.....	893,000	716,000	177,000	1939.....	515,000	359,000	156,000
1925.....	937,000	752,000	185,000	1940.....	602,600	396,600	206,000
1926.....	849,000	681,000	168,000	1941.....	706,100	434,300	271,800
1927.....	810,000	643,000	167,000	1942.....	356,000	227,400	128,600
1928.....	753,000	594,000	159,000	1943.....	191,000	124,400	66,600
1929.....	509,000	400,000	109,000	1944.....	141,800	96,200	45,600
1930.....	330,000	236,000	94,000	1945.....	209,300	133,900	75,400
1931.....	254,000	174,000	80,000	1946.....	670,500	403,700	266,800
1932.....	134,000	64,000	70,000	1947.....	849,000	479,800	369,200
1933.....	93,000	45,000	48,000	1948.....	931,300	524,600	406,700
1934.....	126,000	49,000	77,000	1949 <sup>3</sup> .....	1,019,000	( <sup>4</sup> )	( <sup>4</sup> )

<sup>1</sup> Data for 1920-29 are from National Bureau of Economic Research; data for 1930-48 are from Bureau of Labor Statistics. Based on reports of building permits issued, Federal construction contracts awarded, and State and local public-housing started, which, from 1946, have been supplemented by data from field surveys in non-permit-issuing places.

Beginning in 1945 data from building permits have been adjusted for lapsed permits and lag between permit issuance and the start of construction. These influences were negligible prior to 1945.

<sup>2</sup> Excludes units provided by the Federal temporary reuse housing program, and all other temporary units.<sup>3</sup> Urban and rural-nonfarm classification for years 1920-29 are based on 1930 census; for years 1930-49, on 1940 census.<sup>4</sup> Preliminary.<sup>5</sup> Break-down not available.

## G. AGRICULTURE

## 1. Number of farms

Region	Number (in thousands)					Percent change <sup>1</sup> 1910-45	
	1910	1920	1930	1940	1945	Number of farms	Land in farms
United States.....	6,362	6,448	6,289	6,097	5,859	-7.9	29.9
New England.....	189	157	125	135	150	-20.6	-26.5
Middle Atlantic.....	625	570	493	499	496	-20.6	-18.7
Central.....	1,773	1,738	1,622	1,673	1,595	-10.0	2.0
Southeast.....	2,333	2,434	2,359	2,259	2,183	-6.4	-5.4
Southwest.....	653	608	744	650	593	-9.2	72.3
Northwest.....	596	644	648	601	557	-6.5	83.3
Far West.....	193	237	265	280	285	47.7	43.8

<sup>1</sup> Increase, unless otherwise indicated.

Source: U. S. Census of Agriculture.

## 3. Chief agricultural products, 1929, 1939, 1948, as shown by cash receipts from farm marketings

## UNITED STATES

Product	Receipts (in thousands of dollars)			Percent		
	1929	1939	1948	1929	1939	1948
Total crops and livestock.....	11,302,889	7,877,610	30,545,494	100.0	100.0	100.0
Livestock and products.....	6,177,642	4,511,933	17,060,778	54.7	57.3	55.9
Dairy products.....	1,838,489	1,345,522	4,432,986	16.3	17.1	14.5
Hogs.....	1,296,765	810,149	3,727,649	11.5	10.3	12.2
Cattle, calves.....	1,494,760	1,289,658	5,223,254	13.2	16.4	17.1
Eggs.....	740,019	437,386	1,856,730	6.5	5.6	6.1
Chickens.....	374,218	248,883	542,308	3.3	3.2	1.8
Sheep, lambs.....	224,457	172,497	407,990	2.0	2.2	1.3
Wool.....	99,056	81,108	114,072	.9	1.0	.4
Other livestock and products.....	109,878	126,730	755,789	1.0	1.5	2.5
Crops.....	5,125,247	3,365,677	13,484,716	45.3	42.7	44.1
Cotton lint.....	1,363,007	550,046	2,140,229	12.1	7.0	7.0
Wheat.....	726,949	432,586	2,377,273	6.4	5.5	7.8
Tobacco.....	278,700	271,061	975,304	2.5	3.4	3.2
Corn.....	398,471	318,931	1,139,259	3.5	4.0	3.7
Potatoes.....	227,698	166,339	566,259	2.0	2.0	1.9
Cottonseed.....	148,943	76,818	352,114	1.3	1.0	1.2
Peanuts.....	31,941	34,748	222,871	.3	.4	.7
Rice.....	37,678	31,503	172,659	.3	.4	.6
Dry edible beans.....	76,854	39,098	156,901	.7	.5	.5
Sugar beets.....	51,636	49,436	97,262	.5	.6	.3
Sugarcane for sugar.....	11,637	16,441	34,195	.1	.2	.1
Truck crops.....	375,228	372,364	1,187,742	3.3	4.7	3.9
Oranges.....	118,148	84,240	177,653	1.0	1.1	.6
Apples.....	158,065	93,620	218,346	1.4	1.2	.7
Grapes.....	53,840	39,045	117,767	.5	.5	.4
Forest products <sup>1</sup> .....	104,521	86,089	324,284	.9	1.1	1.1
Other crops.....	961,931	713,312	3,224,598	8.5	9.1	10.4

<sup>1</sup> Farm sales of such items as firewood, standing timber, logs, posts, turpentine, resin, maple sugar, and sirup, etc.

Source: U. S. Department of Agriculture, Bureau of Agricultural Economics. 1929 and 1939, from Cash Receipts From Farming by States and Commodities, Calendar Years 1924-44. 1948, from Farm Income Situation, June 1949.

## H. TIMBER RESOURCES AND LUMBER CUT

Region	Estimated volume of standing saw timber on commercial forest land, 1945		Lumber sawed				
	Million board feet A	Percent of United States total B	Million board feet		Percent change, 1942-47 <sup>1</sup> E	Percent of United States total	
			1942 C	1947 D		1942 F	1947 G
United States.....	1,600,972	100.00	36,332	35,404	-2.6	100.0	100.0
New England.....	58,197	3.63	1,035	1,141	10.2	2.8	3.2
Middle Atlantic.....	62,045	3.88	1,448	1,667	15.1	4.0	4.7
Central.....	82,065	5.13	2,119	2,160	1.9	5.8	6.1
Southeast.....	319,843	19.98	14,588	12,649	-13.3	40.2	35.7
Southwest.....	55,473	3.46	1,761	1,776	.9	4.8	5.0
Northwest.....	164,523	10.28	1,594	1,795	12.6	4.4	5.1
Far West.....	858,826	53.64	13,786	14,216	3.1	37.9	40.2

<sup>1</sup> Increase, unless otherwise indicated.

Source: Columns A and B, Agricultural Statistics, 1948. Columns C and D, 1947 Census of Manufactures, pamphlet MC 24A.

## J. MINERALS

## 1. Value of mineral production, 1940 and 1948

Region	Amount (in thousands of dollars)		Percent of United States total	
	1940	1948	1940	1948
United States <sup>1</sup> .....	5,613,900	15,670,000	100.0	100.0
New England.....	24,902	48,385	.6	.4
Middle Atlantic.....	989,140	2,652,352	23.6	21.3
Central.....	788,020	1,689,496	18.8	13.6
Southeast.....	509,564	1,915,528	12.2	15.4
Southwest.....	957,455	3,734,991	22.9	30.1
Northwest.....	452,881	1,095,022	10.8	8.8
Far West.....	467,127	1,295,153	11.1	10.4

<sup>1</sup> The United States figure is greater than the sum of State figures, principally because it includes pig iron, ferro-alloy metals, and aluminum valued at the smelter, instead of ore at the mine; natural gas valued at points of consumption rather than at wells; and the mineral production of Alaska and insular territories.

Source: U. S. Department of the Interior, Bureau of Mines.

## 2. Iron ore mined

Region	Production by years			
	Amount (in thousands of gross tons)			Percent increase, 1929-48
	1929	1939	1948	
United States.....	73,028	51,732	101,003	38.3
New England.....	2,186	3,113	4,422	101.4
Middle Atlantic.....	62,995	41,719	82,796	31.4
Central.....	6,645	16,022	8,366	25.9
Southeast.....	172	( <sup>1</sup> )	848	393.0
Southwest.....	1,015	850	3,923	286.5
Northwest.....	5	28	168	168
Far West.....	( <sup>2</sup> )	( <sup>2</sup> )	480	-----
Undistributed (by-product ore).....	( <sup>2</sup> )	( <sup>2</sup> )	480	-----

<sup>1</sup> Figure for the Southeast includes a small amount produced in Texas.

<sup>2</sup> Data not available.

Source: U. S. Department of the Interior, Bureau of Mines.

## J. MINERALS—Continued

## 3. Copper production—Mine production of recoverable copper

[Short tons]

Region	Production by years			Percent change, 1929-48 <sup>1</sup>
	Amount			
	1929	1939	1948	
United States.....	977,300	728,192	834,797	-14.6
New England.....	( <sup>2</sup> )		( <sup>3</sup> )	
Middle Atlantic.....	1,727	( <sup>3</sup> )	( <sup>4</sup> )	
Central.....	93,202	43,985	30,147	-67.7
Southeast.....	15,296	10,648	14,248	
Southwest.....	464,343	308,288	449,831	-3.1
Northwest.....	315,025	285,448	289,181	-8.2
Far West.....	87,707	79,823	51,390	-41.4

<sup>1</sup>Increase, unless otherwise indicated.<sup>2</sup>Small amounts produced in Vermont are included in the figure for the Southeast.<sup>3</sup>Small amounts produced in Pennsylvania are included in the figure for the Southeast.<sup>4</sup>Small amounts produced in Vermont and Pennsylvania are included in the figure for the Southeast.

Source: U. S. Department of the Interior, Bureau of Mines.

## 4. Lead and zinc production—Mine production of recoverable metal

[Short tons]

Region	Lead				Zinc			
	Amount			Percent change, col. A to col. C. <sup>1</sup>	Amount			Percent change, col. E to col. G. <sup>1</sup>
	1925-29 average	1939	1948		1925-29 average	1939	1948	
	A	B	C		E	F	G	
United States.....	663,248	413,042	390,147	-41.2	724,720	583,807	629,955	-13.1
New England.....		( <sup>2</sup> )	1,231		100,930	124,730	110,898	9.9
Middle Atlantic.....					40,987	21,334	27,307	-33.3
Central.....	204,537	156,977	106,844	-47.8	26,538	67,257	46,076	73.6
Southeast.....	4,289	6,371	4,941	15.7	252,948	176,446	139,801	-44.7
Southwest.....	74,992	44,110	54,640	-27.1	293,223	187,675	267,622	-8.7
Northwest.....	366,244	197,089	196,450	-46.4	10,144	16,365	38,251	277.1
Far West.....	13,206	8,495	26,041	97.2				

<sup>1</sup>Increase, unless otherwise indicated.<sup>2</sup>A small amount produced in New York is included in the figure for the Southeast.

Source: U. S. Department of the Interior, Bureau of Mines.

## J. MINERALS—Continued

## 5. Crude petroleum production

Region	Amount (in thousands of barrels)			Percent change, 1929-48 <sup>1</sup>
	1929	1939	1948	
United States <sup>2</sup> .....	1,007,323	1,264,962	2,016,282	100.2
New England.....				
Middle Atlantic.....	20,771	26,060	19,975	-3.8
Central.....	18,571	<sup>3</sup> 123,241	<sup>3</sup> 91,549	393.0
Southeast.....	<sup>4</sup> 53,272	<sup>5</sup> 120,706	<sup>6</sup> 268,066	403.2
Southwest.....	553,710	681,078	1,105,319	99.6
Northwest.....	<sup>7</sup> 68,465	<sup>7</sup> 89,523	191,284	179.4
Far West <sup>8</sup> .....	292,534	224,354	340,089	16.3

<sup>1</sup> Increase, unless otherwise indicated.

<sup>2</sup> Figures for 1929 and 1939 include small amounts produced in Alaska; 1948 figure does not.

<sup>3</sup> Omits a small amount produced in Missouri. The amount is included in the total for the Southeast.

<sup>4</sup> Includes small amounts produced in Utah and Alaska.

<sup>5</sup> Includes small amounts produced in Missouri, Utah, and Alaska.

<sup>6</sup> Includes a small amount produced in Missouri.

<sup>7</sup> Omits a small amount produced in Utah. The amount is included in the total for the Southeast.

<sup>8</sup> Entirely California production.

Source: U. S. Department of the Interior, Bureau of Mines.

## 6. Coal production

Region	Production by years			
	Amount (in thousands of net tons)			Percent change, 1929-48 <sup>1</sup>
	1929	1939	1948	
United States <sup>2</sup> .....	608,716	446,194	650,730	6.9
New England.....				
Middle Atlantic <sup>3</sup> .....	358,512	253,876	359,486	3
Central.....	111,767	90,693	131,338	17.5
Southeast <sup>4</sup> .....	98,255	74,472	127,230	29.5
Southwest <sup>5</sup> .....	7,498	3,244	4,401	-41.3
Northwest <sup>6</sup> .....	30,046	22,132	27,048	-10.0
Far West <sup>7</sup> .....	2,521	1,690	1,210	-52.0

<sup>1</sup> Increase, unless otherwise indicated.

<sup>2</sup> Includes anthracite.

<sup>3</sup> Small amounts produced in North Carolina, Georgia, Arizona, Nebraska, Idaho, Oregon, Nevada, and California are omitted from regional totals. They are included in the United States total. Figures given for the Far West are those for the State of Washington. Washington had its largest production in 1918, with 4,082 thousand tons.

Source: U. S. Department of the Interior, Bureau of Mines.

## K. INCOME PAYMENTS TO INDIVIDUALS

## 1. Total income payments

Region	Amount (in millions of dollars)			Percent change <sup>1</sup>			Percent of United States total		
	1929	1940	1948	1929-40	1940-48	1929-48	1929	1940	1948
United States.....	82,617	75,852	206,011	-8	172	149	100.00	100.00	100.00
New England.....	6,792	6,124	13,742	-10	124	102	8.22	8.07	6.68
Middle Atlantic.....	27,840	24,319	57,374	-13	136	106	33.70	32.06	27.84
Central.....	24,226	21,664	59,926	-11	177	147	29.32	28.56	29.09
Southeast.....	8,681	9,043	28,498	4	215	228	10.51	11.92	13.61
Southwest.....	4,153	3,908	12,615	-6	223	204	5.03	5.15	6.13
Northwest.....	3,927	3,363	10,770	-14	220	174	4.75	4.44	5.24
Far West.....	6,998	7,431	23,086	6	211	230	8.47	9.80	11.21

<sup>1</sup> Increase, unless otherwise indicated.

Source: U. S. Department of Commerce, National Income Division. For definitions of income payments and major components see State Income Payments in 1948, in U. S. Department of Commerce Survey of Current Business, August 1949.

## 2. Per capita income payments

Region	Amount (in dollars)			Percent change <sup>1</sup>			Percent of United States average		
	1929	1940	1948	1929-40	1940-48	1929-48	1929	1940	1948
United States.....	\$680	\$575	\$1,410	-15	145	107	100	100	100
New England.....	838	725	1,501	-13	107	79	123	126	106
Middle Atlantic.....	926	752	1,647	-19	119	78	136	131	117
Central.....	720	605	1,534	-16	154	113	106	105	109
Southeast.....	344	322	957	-6	197	178	51	56	68
Southwest.....	464	399	1,153	-14	189	148	68	69	82
Northwest.....	534	454	1,413	-15	211	165	79	79	100
Far West.....	865	750	1,579	-13	111	83	127	130	112

<sup>1</sup> Increase, unless otherwise indicated.

Source: U. S. Department of Commerce, National Income Division. For definitions of income payments and major components see State Income Payments in 1948, in U. S. Department of Commerce Survey of Current Business, August 1949.



## K. INCOME PAYMENTS TO INDIVIDUALS—Continued

## 3 (a). Components of income payments

[Components as percentage of State total]

Region	Total	Agricultural income	Manufacturing pay rolls	Trade and service income	Government income payments	All other
1929						
United States.....	100.0	8.4	19.7	24.4	7.3	40.2
New England.....	100.0	2.5	27.2	22.3	7.3	40.7
Middle Atlantic.....	100.0	2.0	20.3	24.4	6.8	46.5
Central.....	100.0	8.4	24.6	23.9	6.7	36.4
Southeast.....	100.0	20.7	14.6	24.8	8.5	31.4
Southwest.....	100.0	19.7	7.6	24.7	7.8	40.2
Northwest.....	100.0	25.1	7.9	23.4	9.7	33.9
Far West.....	100.0	8.5	13.6	27.6	8.6	41.7
1940						
United States.....	100.0	7.2	20.3	25.2	12.4	34.9
New England.....	100.0	2.0	26.7	23.4	11.8	36.1
Middle Atlantic.....	100.0	1.9	21.2	25.3	12.5	39.1
Central.....	100.0	7.8	25.8	24.5	10.8	31.1
Southeast.....	100.0	15.4	15.7	25.2	13.0	30.7
Southwest.....	100.0	15.9	8.0	25.2	12.5	38.4
Northwest.....	100.0	20.3	7.1	23.9	15.1	33.6
Far West.....	100.0	7.0	13.6	29.3	14.6	35.5
1948						
United States.....	100.0	10.2	22.4	27.0	13.9	26.5
New England.....	100.0	3.2	31.9	25.6	13.5	25.8
Middle Atlantic.....	100.0	2.6	25.1	28.9	13.6	29.8
Central.....	100.0	12.0	28.2	25.0	11.7	23.1
Southeast.....	100.0	16.9	17.0	25.5	16.9	23.7
Southwest.....	100.0	15.6	9.7	27.8	15.9	31.0
Northwest.....	100.0	29.5	7.5	24.6	14.3	24.1
Far West.....	100.0	8.4	15.3	30.9	15.9	29.5

Source: U. S. Department of Commerce, National Income Division. For definitions of income payments and major components see State Income Payments in 1948, in U. S. Department of Commerce Survey of Current Business, August 1949.

3 (b). Components of income payments <sup>1</sup>

[Components as percentage of State total]

Region	Agricultural income			Manufacturing pay rolls			Trade and service income			Government income payments			All other		
	1929	1940	1948	1929	1940	1948	1929	1940	1948	1929	1940	1948	1929	1940	1948
	United States.....	8.4	7.2	10.2	19.7	20.3	22.4	24.4	25.2	27.0	7.3	12.4	13.9	40.2	34.9
New England.....	2.5	2.0	3.2	27.2	26.7	31.9	22.3	23.4	25.6	7.3	11.8	13.5	40.7	36.1	25.8
Middle Atlantic.....	2.0	1.9	2.6	20.3	21.2	25.1	24.4	25.3	28.9	6.8	12.5	13.6	46.5	39.1	29.8
Central.....	8.4	7.8	12.0	24.6	25.8	28.2	23.9	24.5	25.0	6.7	10.8	11.7	36.4	31.1	23.1
Southeast.....	20.7	15.4	16.9	14.6	15.7	17.0	24.8	25.2	25.5	8.5	13.0	16.9	31.4	30.7	23.7
Southwest.....	19.7	15.9	15.6	7.6	8.0	9.7	24.7	25.2	27.8	7.8	12.5	15.9	40.2	38.4	31.0
Northwest.....	25.1	20.3	29.5	7.9	7.1	7.5	23.4	23.9	24.6	9.7	15.1	14.3	33.9	33.6	24.1
Far West.....	8.5	7.0	8.4	13.6	13.6	15.3	27.6	29.3	30.9	8.6	14.6	15.9	41.7	35.5	29.5

<sup>1</sup> Same data as in table K 3 (a), rearranged to emphasize year-to-year change.

Source: U. S. Department of Commerce, National Income Division. For definitions of income payments and major components see State Income Payments in 1948, in U. S. Department of Commerce Survey of Current Business, August 1949.

## L. SELECTED ECONOMIC INDICATORS

## 1. Production of electric energy

Year	United States	New England	Middle Atlantic	Central States	South-east	South-west	North-west	Far West
Kilowatt-hours in thousands								
1920.....	39,404,639	2,604,591	12,197,517	11,421,203	3,755,848	1,013,174	3,035,824	5,376,482
1925.....	61,451,091	4,013,073	18,755,820	17,913,698	6,516,491	1,757,727	3,975,771	8,518,611
1930.....	91,111,548	5,691,744	27,614,271	25,851,123	10,010,739	4,329,617	4,946,506	12,667,548
1935.....	95,287,390	6,318,772	28,751,163	27,080,519	11,316,887	3,900,811	4,837,963	13,081,275
1940.....	141,837,010	8,556,458	42,298,364	38,949,960	20,421,783	6,778,179	7,152,422	17,679,854
1945.....	222,486,283	11,804,841	58,515,890	59,483,261	37,068,966	13,651,579	9,553,210	32,408,536
1946.....	223,177,783	12,307,316	58,543,660	58,848,861	37,563,278	12,776,378	10,149,147	32,989,143
1947.....	255,738,984	13,345,558	65,972,663	68,863,986	42,766,663	14,181,280	11,580,685	39,028,149
1948.....	282,698,214	14,340,799	71,354,683	75,907,481	48,844,928	16,484,823	12,556,901	43,208,599
Index (1920=100)								
1920.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1925.....	155.9	154.1	153.8	156.8	173.5	173.5	131.0	158.4
1930.....	231.2	218.5	226.4	226.3	266.5	427.3	162.9	235.6
1935.....	241.8	242.6	235.7	237.1	301.3	385.0	159.4	243.3
1940.....	360.0	328.5	346.8	341.0	543.7	669.0	235.6	328.8
1945.....	564.6	453.2	479.7	520.8	987.0	1,347.4	314.7	602.8
1946.....	566.4	472.5	480.0	515.3	1,000.0	1,261.0	344.3	613.6
1947.....	649.0	512.4	540.9	602.9	1,138.7	1,399.7	381.5	725.9
1948.....	717.4	550.6	585.0	664.6	1,300.5	1,627.0	413.6	803.7

Source: Federal Power Commission.

## 2. Bank deposits

	Millions of dollars				Percent of national total			
	1919	1929	1939	1948	1919	1929	1939	1948
United States.....	33,571	53,963	58,344	148,978	100.0	100.0	100.0	100.0
New England.....	3,834	6,491	6,443	12,096	11.4	12.0	11.0	8.1
Middle Atlantic.....	13,847	23,734	27,701	55,480	41.2	44.0	47.5	37.2
Central Region.....	8,351	12,730	12,136	36,564	24.9	23.6	20.8	24.6
Southeast.....	2,463	3,505	3,799	14,249	7.3	6.5	6.5	9.6
Southwest.....	1,035	1,600	1,830	7,767	3.1	3.0	3.1	5.2
Northwest.....	1,944	1,795	1,549	6,568	5.8	3.3	2.7	4.4
Far West.....	2,097	4,108	4,886	16,225	6.2	7.6	8.4	10.9

NOTE.—1919 and 1929 figures as of end of June; 1939 and 1948 as of end of December. The earlier figures are not strictly comparable to those for later years, and are being revised by the Federal Reserve Board.

Source: Board of Governors of the Federal Reserve System

## 3. Gross postal receipts

Region	Amount (in thousands of dollars)			As percent of United States total			Receipts per capita of population		
	1930	1940	1948	1930	1940	1948	1930	1940	1948
United States.....	684,610	726,172	1,327,532	100.0	100.0	100.0	\$5.66	\$5.50	\$9.09
New England.....	51,374	54,023	91,515	7.5	7.4	6.9	6.28	6.41	10.00
Middle Atlantic.....	215,336	220,263	411,803	31.5	30.3	31.0	7.07	6.83	11.87
Central.....	235,854	236,663	409,736	34.5	32.6	30.9	6.93	6.61	10.49
Southeast.....	64,932	79,040	145,780	9.5	10.9	11.0	2.54	2.79	4.86
Southwest.....	30,547	35,428	68,235	4.5	4.9	5.1	3.35	3.62	6.24
Northwest.....	34,654	35,326	58,607	5.1	4.9	4.4	4.68	4.76	7.69
Far West.....	51,914	65,429	141,856	7.6	9.0	10.7	6.23	6.68	9.70

NOTE.—Year covered is the fiscal year ending June 30.

Source: Annual reports of the Postmaster General for 1930, 1940, and 1948.

L. SELECTED ECONOMIC INDICATORS—Continued  
 4. Revenue Freight Originated, Class I steam railways, 1940 and 1948<sup>1</sup>

(Thousands of tons)

Region	Total		Products of agriculture		Animals and products		Products of mines		Products of forests		Manufactures and miscellaneous		Forwarder traffic <sup>2</sup>	
	1940	1948	1940	1948	1940	1948	1940	1948	1940	1948	1940	1948	1940	1948
	Amount													
United States.....	993,569.9	1,486,240.2	88,573.4	144,784.3	15,429.6	16,839.8	569,956.2	845,117.1	58,129.6	85,971.6	261,481.0	389,221.2	2,749.0	4,306.2
New England.....	14,399.5	19,460.0	1,186.5	2,403.8	280.4	333.6	2,478.6	2,553.9	1,523.6	2,520.2	8,930.4	11,277.6	252.7	370.9
Middle Atlantic.....	356,173.6	472,713.1	6,651.4	7,792.8	875.5	1,004.8	266,529.8	354,120.3	1,956.2	1,851.4	80,160.9	106,611.0	972.8	1,332.9
Central.....	311,589.9	446,970.1	33,717.0	51,272.0	8,528.0	8,195.3	166,352.2	240,556.3	6,859.4	8,338.7	96,133.5	136,178.9	1,463.1	2,429.3
Southeast.....	166,486.5	280,054.6	9,702.7	14,100.3	626.9	1,033.7	94,605.7	163,240.5	25,322.1	40,059.4	36,229.1	61,586.4	2.8	34.0
Southwest.....	40,183.2	87,512.2	7,345.9	16,308.4	1,344.2	1,715.0	12,852.0	35,555.7	2,384.9	3,774.9	16,256.3	30,149.6	30.4	8.6
Northwest.....	54,376.6	98,306.4	19,787.8	39,268.1	3,050.2	3,923.8	19,195.7	34,426.2	3,028.9	3,285.0	9,313.9	17,400.7	.1	2.4
Far West.....	50,360.3	81,223.8	10,182.0	13,638.8	724.4	633.5	7,942.2	14,664.2	17,054.7	26,142.2	14,457.0	26,017.0	26.8	128.0
	Percent of United States total													
United States.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England.....	1.4	1.3	1.3	1.7	1.8	2.0	.4	.3	2.6	2.9	3.4	2.9	9.2	8.6
Middle Atlantic.....	35.8	31.8	7.5	5.4	5.7	6.0	46.8	41.9	3.4	2.2	30.7	27.4	35.4	31.0
Central.....	31.4	30.1	38.1	35.4	55.3	48.7	29.2	28.5	11.8	9.7	36.8	35.0	53.2	56.4
Southeast.....	16.8	18.8	11.0	9.7	4.1	6.1	16.6	19.3	43.6	46.6	13.9	15.8	.1	.8
Southwest.....	4.0	5.9	8.3	11.3	8.7	10.2	2.3	4.2	4.1	4.4	6.2	7.7	1.1	.2
Northwest.....	5.5	6.6	22.3	27.1	19.8	23.3	3.4	4.1	5.2	3.8	3.6	4.5	( <sup>3</sup> )	.1
Far West.....	5.1	5.5	11.5	9.4	4.7	3.8	1.4	1.7	29.3	30.4	5.5	6.7	1.0	3.0

<sup>1</sup> Carload lots only. Less-than-carload lots are not included.

<sup>2</sup> The term "forwarder traffic" means freight traffic consigned by or to a forwarder, i. e., a company, firm, or individual recognized as engaged in the business of collecting and accumulating less-than-carload shipments into consolidated carloads without an ownership in the property so handled.

<sup>3</sup> Less than 0.05 percent.

Source: Interstate Commerce Commission.

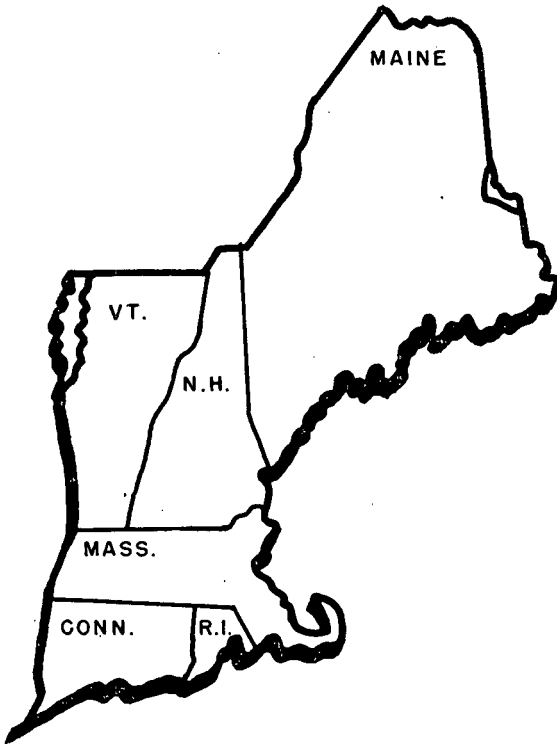
## L. SELECTED ECONOMIC INDICATORS—Continued

## 5. Estimated nonfarm mortgages of \$20,000 or less

Region	Number of mortgages			Aggregate amount (in thousands of dollars)		
	1940	1948	Percent increase	1940	1948	Percent increase
United States.....	1,455,865	2,500,741	71.8	4,031,368	11,605,014	187.9
New England.....	113,585	186,857	64.5	352,368	947,270	168.8
Middle Atlantic.....	264,661	480,489	81.5	858,477	2,421,704	182.1
Central.....	435,649	732,389	68.1	1,216,305	3,456,339	184.2
Southeast.....	249,331	348,933	39.9	551,412	1,330,240	141.2
Southwest.....	89,357	191,057	113.8	223,472	792,891	254.8
Northwest.....	74,636	122,291	63.8	164,648	483,722	193.8
Far West.....	228,646	438,725	91.9	664,686	2,172,848	226.9

Source: Federal Savings and Loan Insurance Corporation.

# NEW ENGLAND



UNITED STATES DEPARTMENT OF LABOR  
BUREAU OF LABOR STATISTICS

## CHAPTER 2. NEW ENGLAND

This region includes the following States: Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.

### *Area and population*

New England has 2 percent of the Nation's area, and more than 6 percent of the population—147 persons per square mile, as compared with an average of 50 throughout the country. Density of population varies greatly within the region, however, and Maine, with nearly half the area, has only one-tenth of the population (tables A 1 and B 1).

Three-fourths of New England's area, far more than in any other part of the country, is forest land. Even in Connecticut, the least forested State, three-fifths of the area is thus occupied (table A 2).

Although New England's population has steadily increased and is two-thirds higher in 1949 than it was in 1900, it has not risen as fast as the national average. It came nearer reaching this pace in the 1940's, however, than in earlier decades. Recent gains are attributable to a natural increase (excess of births over deaths) of 600,000, plus a net gain of more than 200,000 from outside the region. The greater part of the influx went to Connecticut (tables B 1, 2, and 3).

Population in the productive middle years, 18 to 64, made up a somewhat larger percent of the total in New England in 1948 than in 1930. Children were fewer and elderly persons more numerous. This is especially marked in three southern States of the region (table B 4). Already two-thirds urban in 1900, by 1940 New England had three-fourths of its population in urban areas, far above the percentage for the Nation (table B 6).

### *Nonagricultural employment*

Nonagricultural employment rose in these States between 1939 and 1948, but only in Connecticut did the gain approximate the average national increase of 45 percent (table C 1 (a)). The gains in the other States ranged from 10 percent in Massachusetts to 30 percent in Vermont. In Connecticut, nonagricultural employment rose by more than 225,000, about half of it in manufacturing. In other States as well, manufacturing also accounted for a substantial portion of the gain over the 9-year span.

Manufacturing employment is considerably more important in the economy of these States than it is in the country as a whole. Except for Vermont, it accounted for at least 40 percent of total nonagricultural employment in each of these States, as against the national ratio of 33 percent. In the first two decades of this century, every State showed a substantial increase in manufacturing employment, but since then no basic gain has occurred (table E 3 (b)). Between 1919 and 1947, manufacturing employment dropped in 4 States (Massachusetts, New Hampshire, Rhode Island, and Vermont) and remained stable in one (Maine). In Connecticut, on the other hand,

gains continued, but at a much slower pace than in the rest of the country.

Employment detail for 1939 shows that New England's most important manufacturing groups at that time were textiles, machinery, and leather (table E 2). In the following 8 years, employment in textiles rose slightly, dropped somewhat in leather, and doubled in machinery. The total for the region as a whole rose by nearly 300,000—virtually back to the 1919 peak.

A great part of this 1939-47 gain has been lost since then, however (table C 2). The downturn in manufacturing employment which characterized the economy in early 1949 was felt earlier and more sharply in New England than in any other region in the country. As a result, there were 200,000 fewer manufacturing workers in New England in June 1949 than in June 1947. Between June 1948 and June 1949, manufacturing employment in New England dropped by more than 14 percent as against a national drop of 8 percent (table C 2).

Factory earnings in the New England industrial States are about \$3 to \$6 below the national average, although the workweek averages about the same as in the country as a whole. This difference in earnings is attributable, in part, to the predominance in New England of the relatively lower-paid industries, such as textiles and shoes (table C 4).

#### *Unemployment*

New England, with its heavy concentration of textile, leather, and steel industries, felt the rise in unemployment over the past year earlier and more sharply than did any other section of the country.

In the early spring of 1948, unemployment was at the same rate in both New England and the country as a whole (table D 2). About 3.3 percent of the workers covered by the State unemployment insurance laws were drawing unemployment benefits. By June, the New England rate had risen to nearly 5 percent, although the national average remained unchanged. Part of the rise was due to seasonal factors, so that the rate declined in the latter half of the year, but it always exceeded the national averages by a significant margin.

Unemployment reached its peak level in New England in June of 1949, when it rose to 11 percent; at the same time, the average for the country as a whole was 6 percent. Rhode Island, with 20 percent of its insured workers drawing unemployment benefits, had the highest relative incidence of unemployment in the country. In the other New England States, the rate ranged from 8 percent in Vermont to nearly 13 percent in New Hampshire.

After midsummer of 1949 a flow of new orders for textiles and shoes caused an upturn in employment, and as a result the unemployment rates declined substantially in New England though they remained relatively unchanged elsewhere. Despite this improvement, however, the relative amount of unemployment in New England in September was still substantially above that in the rest of the country, and was still more than double that of September the year before.

### *Construction*

The construction industry has been one of the most important steadying influences in the past year, both in New England and in the country as a whole. The peak levels reached in 1948 were maintained throughout 1949 (table F 1). In New England, in fact, the dollar volume of total new construction activity was about 8 percent greater than in the similar period of last year; the national total was up about 3 percent. The rise, as compared with a year ago, was largely due to increased public expenditures—for schools, hospitals, highways, and the like. Private expenditures were slightly reduced, largely in the nonresidential building category.

In five of the largest New England cities—all in Massachusetts—the volume of building construction undertaken in the first 8 months of 1949 has exceeded the comparable levels of 1948 (table F 2). In seven others, however, the reverse has been true.

A comparison among the various large cities in the United States shows that in the country as a whole the total dollar volume of urban building was more than three times as great in 1949 as in 1921. In New England, however, only Cambridge, Boston, and Bridgeport reported as much as twice the 1921 dollar volume. In four cities—Providence, New Bedford, Somerville, and Lowell—the dollar volume was in 1948 less than in 1921; the latter two cities, however, made some improvement in 1949.

The housing industry was doing as well in New England urban areas as in the rest of the country in 1949 (table F 3). Massachusetts was showing greater strength than in 1948 but, on the other hand, residential building activity in Rhode Island and Connecticut was down substantially.

### *Agriculture*

The amount of land in farms in New England was about one-fourth less in 1945 than in 1910 (table G 1). Every New England State had less land in farms, and all but Massachusetts had fewer farms than in 1910. The number of farms, however, was greater than it had been in 1930.

The number of persons occupied in farming in New England has shown little change since the thirties, and is down slightly as compared with 1925 (table C 4). This region currently accounts for only 2.4 percent of the total farm personnel, which is the same ratio as has prevailed in most years since the twenties.

### *Income*

New England, with 2 percent of the Nation's area and 6 percent of the population, has nearly 7 percent of the income payments to individuals—a smaller share, however, than in 1929.

Income payments per capita are still above the average for the Nation, but not as much above as formerly. In 1948, payments averaged \$1,501 per person. They were higher in the southern than in the northern part of the region (tables K 1 and 2).

The largest source of incomes in 1948, a source proportionately more important in New England than in any other region, was manu-



facturing pay rolls. This source contributed nearly one-third of the region's total. Manufacturing, in fact, gained in relative importance in each of the New England States between 1929 and 1948. Agriculture, which gained slightly, is of much less account in New England than in most of the regions (tables K 3 (a) and (b)).

*Other economic indicators*

Since 1940 production of electrical energy in this region has not kept pace with the national rate of growth (table L 1). In the country as a whole, the total output doubled, but in this area the rise amounted to about two-thirds.

Bank deposits in this region in 1948 were about double their 1939 level (table L 2). However, in the country as a whole, the total was nearly 3 times as great as it was in 1939; as a result, the New England share of the United States total has dropped from 12 percent in 1919 and 1929 to 8 percent in 1948. More than half of the New England total is in Massachusetts, and a good part of the remainder is in Connecticut.

## A. LAND

### 1. Land area and population density

State	Land area		Density—Population per square mile				
	Square miles	Percent of United States	1900	1920	1930	1940	1949 <sup>1</sup>
United States.....	2,977,128	100.0	25.5	35.5	41.2	44.2	50.0
New England.....	63,206	2.1	88.5	119.4	129.2	133.5	147.1
Maine.....	31,040	1.0	22.4	25.7	25.7	27.3	29.3
New Hampshire.....	9,024	.3	45.6	49.1	51.6	54.5	60.3
Vermont.....	9,278	.3	37.0	38.6	38.8	38.7	39.8
Massachusetts.....	7,907	.3	354.8	479.2	537.4	545.9	596.1
Rhode Island.....	1,058	(?)	405.1	566.4	649.8	674.2	702.3
Connecticut.....	4,899	.2	185.4	286.4	328.0	348.9	412.1

<sup>1</sup> Provisional estimate.

<sup>2</sup> Less than 0.05 per cent.

Source: U. S. Bureau of the Census.

### 2. Land use, 1945

State	Total	Forest land	Crop-land in farms	Pasture and range	Other <sup>1</sup>
Acres (in thousands)					
United States.....	1,905,362	623,828	525,111	609,484	146,939
New England.....	40,451	31,092	5,180	1,321	2,858
Maine.....	19,866	16,788	1,589	352	1,137
New Hampshire.....	5,775	4,800	590	159	226
Vermont.....	5,938	3,835	1,478	446	179
Massachusetts.....	5,060	3,310	788	234	728
Rhode Island.....	677	452	93	13	119
Connecticut.....	3,135	1,907	642	117	469
Percent in each use					
United States.....	100	32.7	27.6	32.0	7.7
New England.....	100	76.8	12.8	3.3	7.1
Maine.....	100	84.5	8.0	1.8	5.7
New Hampshire.....	100	83.1	10.2	2.8	3.9
Vermont.....	100	64.6	24.9	7.5	3.0
Massachusetts.....	100	65.4	15.6	4.6	14.4
Rhode Island.....	100	66.8	13.7	1.9	17.6
Connecticut.....	100	60.8	20.5	3.7	15.0
Percent of United States total					
United States.....	100.0	100.0	100.0	100.0	100.0
New England.....	2.1	5.0	1.0	.2	1.9
Maine.....	1.0	2.7	.3	.1	.8
New Hampshire.....	.3	.8	.1	(?)	.1
Vermont.....	.3	.6	.3	.1	.1
Massachusetts.....	.3	.5	.2	(?)	.5
Rhode Island.....	(?)	.1	(?)	(?)	.1
Connecticut.....	.2	.3	.1	(?)	.3

<sup>1</sup> Farmsteads, roads, urban, waste, etc.

<sup>2</sup> Less than 0.05 percent.

Source: U. S. Department of Agriculture, Forest Service, Basic Forest Statistics for the United States.

## B. POPULATION

## 1. Number

State	1900	1929	1940	1949 <sup>1</sup>
United States	75,995,000	121,770,000	131,954,000	148,720,000
New England	5,592,000	8,130,000	8,427,000	9,298,000
Maine	694,000	797,000	847,000	909,000
New Hampshire	412,000	467,000	492,000	544,000
Vermont	344,000	359,000	360,000	369,000
Massachusetts	2,805,000	4,229,000	4,309,000	4,713,000
Rhode Island	429,000	684,000	711,000	743,000
Connecticut	908,000	1,594,000	1,708,000	2,019,000
Percent change <sup>2</sup>				
	1900-1949	1900-1929	1929-40	1940-49 <sup>1</sup>
United States	95.7	60.2	8.4	12.7
New England	66.3	45.4	3.7	10.3
Maine	31.0	14.7	6.3	7.3
New Hampshire	32.0	13.5	5.3	10.6
Vermont	7.3	4.5	.2	2.5
Massachusetts	68.0	50.7	1.9	9.4
Rhode Island	73.2	59.5	4.0	4.5
Connecticut	122.4	75.5	7.1	18.2
Percent of United States total				
	1900	1929	1940	1949 <sup>1</sup>
United States	100.0	100.0	100.0	100.0
New England	7.4	6.7	6.4	6.3
Maine	.9	.7	.6	.6
New Hampshire	.5	.4	.4	.4
Vermont	.5	.3	.3	.2
Massachusetts	3.7	3.5	3.3	3.2
Rhode Island	.6	.6	.5	.5
Connecticut	1.2	1.3	1.3	1.4

<sup>1</sup> Provisional estimate.<sup>2</sup> Increase, unless otherwise indicated.

NOTE.—Figures cover total population, including armed forces stationed in the State; 1900, as of June 1; 1929 and later years, as of July 1.

Source: U. S. Bureau of the Census.

## 2. Estimated migration and natural increase, 1940-48

[In thousands]

State	Net change in civilian population <sup>1</sup>	Natural increase	Net migration <sup>2</sup>	Net loss to armed forces
United States	13,888	13,982	+1,328	1,423
New England	703	600	+204	101
Maine	50	71	-11	10
New Hampshire	30	31	+5	7
Vermont	4	29	-21	4
Massachusetts	310	269	+96	56
Rhode Island	31	53	-18	4
Connecticut	278	145	+153	20

<sup>1</sup> Increase, unless otherwise indicated.<sup>2</sup> Net migration, comprises both net immigration from other countries and net interregional or interstate migration. A plus sign (+) indicates net in-migration; a minus sign (-) indicates net out-migration.

Source: U. S. Bureau of the Census, Release P-25, No. 26.

B. POPULATION—Continued

3. Estimated net migration, 1930-48

State	1930 population	Net migration <sup>1</sup>			
		1930-40		1930-48	
		1930-40	1940-48	Number	As percent of 1930 population
United States.....	122, 775, 046	-46, 518	+1, 328, 000	+1, 281, 482	1.0
New England.....	8, 166, 341	+1, 879	+204, 000	+205, 879	2.5
Maine.....	797, 423	+3, 543	-11, 000	-7, 457	.9
New Hampshire.....	465, 293	+14, 576	+5, 000	+19, 576	4.2
Vermont.....	359, 611	-17, 676	-21, 000	-38, 676	10.8
Massachusetts.....	4, 249, 614	-59, 591	+96, 000	+36, 409	.9
Rhode Island.....	687, 497	+1, 755	-18, 000	-16, 245	2.4
Connecticut.....	1, 606, 903	+59, 272	+153, 000	+212, 272	13.2

<sup>1</sup> Net migration comprises both net immigration from other countries and net interregional or interstate migration. A plus sign (+) indicates net in-migration; a minus sign (-) indicates net out-migration.

Source: Basic data from U. S. Bureau of the Census. Computations by the Bureau of Labor Statistics. Note that the estimates are only approximate both as to representativeness and as to comparability.

4. Age groups

State	1930				1940				1948			
	All ages	Under 18	18-64 <sup>1</sup>	65 and over	All ages	Under 18	18-64	65 and over <sup>2</sup>	All ages	Under 18	18-64	65 and over
	Number (in thousands)											
United States.....	122, 775	43, 016	73, 126	6, 634	131, 669	40, 287	82, 363	9, 019	146, 113	45, 292	89, 881	10, 940
New England.....	8, 166	2, 655	4, 902	549	8, 437	2, 342	5, 380	715	9, 156	2, 575	5, 759	823
Maine.....	797	271	458	69	847	269	498	80	898	286	526	86
New Hampshire.....	465	149	275	42	492	141	302	49	523	151	319	53
Vermont.....	360	121	208	31	359	112	213	34	363	116	212	35
Massachusetts.....	4, 250	1, 349	2, 626	274	4, 317	1, 170	2, 778	369	4, 638	1, 269	2, 944	425
Rhode Island.....	687	230	418	40	713	198	461	54	745	206	479	60
Connecticut.....	1, 607	536	978	93	1, 709	453	1, 128	129	1, 989	547	1, 279	163
	Percent of total											
United States.....	100.0	35.0	59.6	5.4	100.0	30.6	62.6	6.8	100.0	31.0	61.5	7.5
New England.....	100.0	32.5	60.8	6.7	100.0	27.8	63.8	8.5	100.0	28.1	62.9	9.0
Maine.....	100.0	34.0	57.4	8.7	100.0	31.7	58.8	9.5	100.0	31.8	58.6	9.6
New Hampshire.....	100.0	31.9	59.1	8.9	100.0	28.6	61.5	9.9	100.0	28.9	61.0	10.1
Vermont.....	100.0	33.6	57.7	8.7	100.0	31.2	59.2	9.6	100.0	32.0	58.4	9.6
Massachusetts.....	100.0	31.8	61.8	6.5	100.0	27.1	64.4	8.5	100.0	27.4	63.5	9.2
Rhode Island.....	100.0	33.4	60.8	5.8	100.0	27.7	64.7	7.6	100.0	27.7	64.3	8.1
Connecticut.....	100.0	33.3	60.9	5.8	100.0	26.5	66.0	7.5	100.0	27.5	64.3	8.2

<sup>1</sup> Figures include a number of persons of unknown age.

<sup>2</sup> 1940 figures for persons aged 65 and over in the United States are believed by Census Bureau to be about 56,000 too high (Census release P-47, No. 3, p. 8).

NOTE.—Figures cover total population, including armed forces stationed in the State—1930 and 1940 figures as of Apr. 1, 1948, as of July 1.

Source: U. S. Bureau of the Census. 1930 and 1940 data are decennial census figures. Figures for 1948 are estimates based on the 1940 census, brought up to date by use of data on births, deaths, net immigration, and strength and distribution of the armed forces, and by use of estimates of net internal migration, based on school enrollment data. In the absence of direct information on net interstate migration, this factor had to be estimated, and assumptions had to be introduced regarding the migration rate for each age group—assumptions that may apply more exactly to some States than to others. Furthermore, estimates of population become progressively less reliable as the time since the last census increases. These estimates of population should therefore be regarded as only rough approximations.

## B. POPULATION—Continued

## 5. Median age, 1930 and 1940

State	1930	1940	Years' increase
United States.....	26.5	29.0	2.5
New England.....	29.0	31.3	2.3
Maine.....	28.8	29.6	.8
New Hampshire.....	30.4	31.6	1.2
Vermont.....	28.8	29.9	1.1
Massachusetts.....	29.4	31.8	2.4
Rhode Island.....	28.1	30.7	2.6
Connecticut.....	28.2	31.1	2.9

Source: 1940 Census of Population, vol. IV.

## 6. Urban, rural, 1900-40

State	Urban			Rural		
	1900	1930	1940	1900	1930	1940
Number						
United States.....	30,159,921	68,954,823	74,423,702	45,834,654	53,820,223	57,245,573
New England.....	3,835,001	6,311,976	6,420,542	1,757,016	1,854,365	2,016,748
Maine.....	232,827	321,506	343,057	461,639	475,917	504,169
New Hampshire.....	192,240	273,079	283,225	219,348	192,214	208,299
Vermont.....	75,831	118,766	123,239	267,810	240,845	235,992
Massachusetts.....	2,411,877	3,831,426	3,859,476	393,469	418,188	457,245
Rhode Island.....	378,471	635,429	653,383	50,085	52,068	59,963
Connecticut.....	543,755	1,131,770	1,158,162	364,665	475,133	551,080
Percent of total population						
United States.....	39.7	56.2	56.5	60.3	43.8	43.5
New England.....	68.6	77.3	76.1	31.4	22.7	23.9
Maine.....	33.5	40.3	40.5	68.5	59.7	59.5
New Hampshire.....	46.7	58.7	57.6	53.3	41.3	42.4
Vermont.....	22.1	33.0	34.3	77.9	67.0	65.7
Massachusetts.....	86.0	90.2	89.4	14.0	9.8	10.6
Rhode Island.....	88.3	92.4	91.6	11.7	7.6	8.4
Connecticut.....	59.9	70.4	67.8	40.1	29.6	32.2

Source: 1940 Census of Population, vol. I.

## C. EMPLOYMENT

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49

## A. BY YEAR

## MAINE

Year	Total	Manu- factur- ing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	211.0	94.8							
1943.....	391.4	144.4	0.3	10.1	17.9	44.5	6.4	25.7	52.1
1947.....	262.0	114.5	.5	11.8	20.0	46.8	6.3	24.4	37.8
1948.....	264.6	113.0	.6	11.5	20.0	49.2	6.7	24.4	39.4
First half 1948.....	257.9	110.5	.5	10.3	20.0	47.8	6.6	23.7	38.5
First half 1949.....	246.2	102.6	.5	8.6	19.2	45.8	6.5	23.3	39.6
Percent of total									
Average:									
1939.....	100.0	44.9							
1943.....	100.0	47.9	0.1	3.4	5.9	14.8	2.1	8.5	17.3
1947.....	100.0	43.7	.2	4.5	7.6	17.9	2.4	9.3	14.4
1948.....	100.0	42.7	.2	4.3	7.6	18.6	2.5	9.2	14.9
First half 1948.....	100.0	42.8	.2	4.0	7.8	18.5	2.6	9.2	14.9
First half 1949.....	100.0	41.7	.2	3.5	7.8	18.6	2.6	9.5	16.1

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the benchmarks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Maine Employment Security Commission.

## HANDBOOK OF REGIONAL STATISTICS

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## A. BY YEAR—Continued

## NEW HAMPSHIRE

Year	Total	Manu- facturing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	141.0	68.5							
1943.....	146.8	77.0	0.4	3.0	9.2	20.6	3.4	13.8	19.2
1947.....	160.4	82.8	.2	7.5	11.3	26.1	4.0	11.4	17.3
1948.....	171.3	82.3	.2	7.6	11.6	27.9	4.3	18.4	19.0
First half 1948.....	170.0	83.3	.2	7.0	11.7	27.5	4.2	12.2	18.9
First half 1949.....	159.4	74.4	.2	6.9	10.6	27.0	4.4	16.8	19.1
Percent of total									
Average:									
1939.....	100.0	48.6							
1943.....	100.0	52.5	0.3	2.0	6.3	14.0	2.3	9.4	13.1
1947.....	100.0	51.6	.1	4.7	7.0	16.3	2.5	7.1	10.8
1948.....	100.0	48.0	.1	4.4	6.8	16.3	2.5	10.7	11.1
First half 1948.....	100.0	49.0	.1	4.1	6.9	16.2	2.5	10.1	11.1
First half 1949.....	100.0	46.7	.1	4.3	6.6	16.9	2.8	10.5	12.0

Note.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the bench marks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with State Employment Service and Unemployment Compensation Division, New Hampshire Bureau of Labor.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## A. BY YEAR—Continued

## VERMONT

Year	Total	Manu- factur- ing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	77.2	27.0							
1943.....	90.7	41.3	0.9	1.3	7.9	13.5	2.8	9.2	13.9
1947.....	98.7	39.8	1.0	4.3	9.6	16.4	2.7	10.8	14.1
1948.....	98.7	37.7	1.1	4.5	10.1	17.0	2.8	11.0	14.6
First half 1948.....	97.8	38.3	1.0	3.9	9.9	16.6	2.7	10.9	14.4
First half 1949.....	93.0	33.7	1.1	3.9	9.7	16.8	2.7	10.8	14.2
Percent of total									
Average:									
1939.....	100.0	35.0							
1943.....	100.0	45.5	1.0	1.4	8.7	14.9	3.1	10.1	15.3
1947.....	100.0	40.3	1.0	4.4	9.7	16.6	2.7	10.9	14.3
1948.....	100.0	38.2	1.1	4.6	10.2	17.2	2.8	11.1	14.8
First half 1948.....	100.0	39.2	1.0	4.0	10.1	17.0	2.8	11.1	14.7
First half 1949.....	100.0	36.2	1.2	4.2	10.4	18.1	2.9	11.6	15.3

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the benchmarks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Vermont Unemployment Compensation Commission.



## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## A. BY YEAR—Continued

## MASSACHUSETTS

Year	Total	Manu- facturing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	1,566.0	573.0							
1943.....	1,734.2	835.6	1.2	36.3	109.9	291.4	62.3	153.3	244.3
1947.....	1,708.1	742.6	1.8	59.8	135.0	334.9	73.3	185.4	176.0
1948.....	1,730.4	729.3	2.1	62.6	137.3	339.2	76.0	192.1	191.8
First half 1948.....	1,725.6	736.4	1.9	57.7	136.8	337.1	75.4	191.1	189.1
First half 1949.....	1,653.5	664.0	2.1	53.7	136.2	326.3	76.9	195.0	199.3
Percent of total									
Average:									
1939.....	100.0	36.6							
1943.....	100.0	48.2	0.1	2.1	6.3	16.8	3.6	8.8	14.1
1947.....	100.0	43.5	.1	3.5	7.9	19.6	4.3	10.9	10.3
1948.....	100.0	42.1	.1	3.6	7.9	19.6	4.4	11.1	11.1
First half 1948.....	100.0	42.7	.1	3.3	7.9	19.5	4.4	11.1	11.1
First half 1949.....	100.0	40.2	.1	3.2	8.2	19.7	4.7	11.8	12.1

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the benchmarks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reason, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Division of Statistics, Massachusetts Department of Labor and Industries.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## A. BY YEAR—Continued

## RHODE ISLAND

Year	Total	Manu- factur- ing	Mining <sup>1</sup>	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	244.0	128.0		16.2	14.4	40.6	7.9	22.5	41.7
1943.....	313.0	169.4	0.2	9.5	16.7	49.3	9.2	27.0	28.9
1947.....	293.9	153.5		11.1	17.5	51.0	9.6	26.9	29.3
1948.....	295.6	150.2		9.7	17.4	50.6	9.5	27.0	28.7
First half, 1948.....	297.0	154.2		9.7	17.0	50.2	9.8	26.4	29.9
First half, 1949.....	273.7	130.6							
Percent of total									
Average:									
1939.....	100.0	52.5		5.2	4.6	13.0	2.5	7.2	13.3
1943.....	100.0	54.1	0.1	3.2	5.7	16.8	3.1	9.2	9.8
1947.....	100.0	52.2		3.8	5.9	17.3	3.2	9.1	9.9
1948.....	100.0	50.8		3.3	5.9	17.0	3.2	9.1	9.7
First half, 1948.....	100.0	51.9		3.5	6.2	18.3	3.6	9.6	10.9
First half, 1949.....	100.0	47.7							

<sup>1</sup> Combined with service.

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the benchmarks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reason, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Division of Statistics and Census, Rhode Island Department of Labor.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## A. BY YEAR—Continued

## CONNECTICUT

Year	Total	Manu- factur- ing	Mining <sup>1</sup>	Construc- tion <sup>1</sup>	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	548.0	283.0	-----	-----	-----	-----	-----	-----	-----
1943.....	798.8	504.2	-----	18.1	36.2	94.7	29.2	59.2	57.3
1947.....	772.9	415.6	-----	30.3	43.4	119.1	34.6	69.0	60.9
1948.....	776.9	404.9	-----	32.7	43.5	122.1	35.4	74.8	63.5
First half, 1948..	776.1	412.2	-----	29.8	43.3	120.1	34.6	73.9	62.3
First half, 1949..	725.3	360.2	-----	30.2	42.4	120.3	36.2	71.8	64.2
Percent of total									
Average:									
1939.....	100.0	51.6	-----	-----	-----	-----	-----	-----	-----
1943.....	100.0	63.1	-----	2.3	4.5	11.9	3.7	7.4	7.2
1947.....	100.0	53.8	-----	3.9	5.6	15.4	4.5	8.9	7.9
1948.....	100.0	52.1	-----	4.2	5.6	15.7	4.6	9.6	8.2
First half, 1948..	100.0	53.1	-----	3.8	5.6	15.5	4.5	9.5	8.0
First half, 1949..	100.0	49.7	-----	4.2	5.8	16.6	5.0	9.9	8.9

<sup>1</sup> The mining estimates have been combined with the construction group.

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the benchmarks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with Employment Security Division, Connecticut Department of Labor and Factory Inspection.

## C. EMPLOYMENT—Continued

1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## B. BY MONTH

## MAINE

[In thousands]

Month	Total	Manu- factur- ing	Mining	Con- struc- tion	Trans- porta- tion and public utilities	Trade	Fi- nance, insur- ance, and real estate	Service	Gov- ernment
1948									
January.....	260.4	116.0	0.5	10.1	19.8	47.1	6.5	23.0	37.4
February.....	257.5	114.3	.5	9.1	20.1	46.8	6.5	22.8	37.4
March.....	255.3	111.2	.5	9.1	20.3	47.2	6.4	22.7	38.0
April.....	249.8	103.6	.3	10.0	19.7	47.8	6.7	23.2	38.4
May.....	256.1	105.9	.4	11.0	19.8	48.4	6.6	24.3	39.5
June.....	268.0	111.8	.6	12.5	20.4	49.6	6.7	26.3	40.1
July.....	277.5	117.1	.7	13.7	20.9	50.8	6.8	26.9	40.6
August.....	280.8	121.5	.7	13.4	20.6	50.8	6.7	27.1	40.0
September.....	277.7	120.4	.7	13.3	20.3	50.5	6.7	25.6	40.2
October.....	267.1	113.3	.7	12.7	19.5	50.0	6.7	24.4	39.8
November.....	262.1	110.6	.7	11.9	19.3	49.8	6.8	23.4	39.6
December.....	263.5	109.9	.6	10.4	19.4	52.1	6.8	23.0	41.4
1949									
January.....	250.5	107.8	.4	8.7	19.1	45.3	6.4	22.9	39.8
February.....	247.1	106.3	.4	8.0	19.1	44.6	6.4	22.6	39.6
March.....	241.7	102.0	.5	7.3	19.1	44.3	6.4	22.5	39.6
April.....	240.7	98.3	.6	8.3	18.7	46.0	6.7	22.6	39.4
May.....	243.7	98.4	.6	9.2	19.3	46.3	6.6	23.5	39.7
June.....	253.2	102.8	.6	10.3	19.8	48.3	6.5	25.5	39.4
July.....	257.8	103.8	.6	10.4	19.8	50.1	6.6	27.6	38.9
August.....	263.9	109.8	.6	10.2	19.7	50.2	6.6	27.7	39.1
September.....	264.0	111.4	.6	10.4	19.1	49.3	6.6	26.3	40.0
October.....	258.5	108.1	.6	10.6	18.6	49.0	6.6	25.1	39.9
November.....	249.3	101.1	.6	10.2	18.5	48.9	6.7	24.2	39.1
December.....	250.5	100.1	.6	9.4	18.3	51.3	6.7	23.9	40.2

## NEW HAMPSHIRE

1948									
January.....	170.5	85.6	.2	6.6	11.5	27.2	4.2	16.3	18.9
February.....	168.9	85.0	.2	6.0	11.6	27.0	4.1	16.2	18.8
March.....	168.0	84.2	.2	5.8	11.6	27.1	4.2	16.1	18.8
April.....	168.2	81.8	.2	7.3	11.5	27.4	4.3	16.7	19.0
May.....	169.8	80.9	.2	8.0	11.8	27.8	4.3	17.8	19.1
June.....	174.3	82.1	.2	8.2	12.0	28.3	4.3	20.2	18.9
July.....	175.8	81.7	.2	8.5	12.0	28.5	4.4	21.9	18.6
August.....	178.0	83.0	.2	8.6	12.0	28.4	4.4	22.6	18.7
September.....	176.2	83.0	.2	8.4	11.8	28.3	4.4	20.9	19.1
October.....	171.0	81.3	.2	8.0	11.4	28.2	4.4	18.2	19.2
November.....	167.3	79.3	.3	8.0	11.1	28.0	4.4	17.1	19.0
December.....	167.5	78.9	.3	7.6	11.2	29.0	4.4	16.1	20.0
1949									
January.....	161.4	77.4	.3	6.4	11.1	26.8	4.3	16.0	19.1
February.....	160.4	77.8	.2	5.8	11.0	26.4	4.3	16.0	18.9
March.....	157.4	75.1	.2	6.0	10.8	26.2	4.3	15.8	19.1
April.....	156.3	71.7	.2	7.1	10.1	27.2	4.4	16.3	19.2
May.....	157.9	71.4	.2	7.9	10.1	27.4	4.4	17.3	19.3
June.....	163.1	72.8	.3	8.3	10.6	28.1	4.4	19.6	19.1
July.....	165.4	72.9	.3	8.7	10.6	28.3	4.5	21.3	18.9
August.....	168.3	74.6	.3	8.7	10.5	28.1	4.5	22.3	19.3
September.....	167.4	74.7	.3	8.7	10.4	27.8	4.5	21.3	19.8
October.....	164.0	74.6	.2	8.2	10.4	27.8	4.4	18.8	19.7
November.....	162.2	74.0	.2	8.0	10.2	28.1	4.4	17.8	19.5
December.....	163.0	74.4	.2	7.5	10.2	29.0	4.4	16.7	20.5

For note and source see table C 1A.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## B. BY MONTH—Continued

## VERMONT

(In thousands)

Month	Total	Manu- factur- ing	Mining	Con- struc- tion	Trans- porta- tion and public utilities	Trade	Fi- nance, insur- ance, and real estate	Service	Gov- ern- ment
1948									
January.....	97.1	39.1	1.0	3.6	9.5	16.2	2.8	10.8	14.2
February.....	96.8	38.8	1.0	3.2	9.9	16.3	2.7	10.7	14.1
March.....	96.7	38.7	1.0	3.3	9.6	16.3	2.7	10.8	14.3
April.....	96.8	38.0	1.0	3.8	9.6	16.6	2.7	10.6	14.4
May.....	98.7	37.7	1.0	4.5	10.2	17.1	2.7	10.8	14.7
June.....	100.6	37.8	1.1	5.0	10.5	17.3	2.8	11.5	14.7
July.....	100.7	37.1	1.1	5.4	10.6	17.3	2.8	11.7	14.7
August.....	101.5	37.9	1.1	5.6	10.5	17.2	2.8	11.7	14.6
September.....	100.2	37.3	1.1	5.4	10.4	17.2	2.8	11.3	14.8
October.....	99.1	36.9	1.1	5.4	10.4	17.0	2.7	10.9	14.7
November.....	97.7	36.7	1.1	4.9	10.3	17.1	2.7	10.4	14.4
December.....	98.0	36.3	1.1	4.3	10.1	17.8	2.7	10.5	15.1
1949									
January.....	94.0	35.4	1.1	3.5	9.9	16.5	2.7	10.7	14.2
February.....	93.1	35.0	1.1	3.1	9.9	16.4	2.7	10.7	14.1
March.....	91.9	34.0	1.1	3.0	9.6	16.5	2.8	10.8	14.2
April.....	91.8	33.0	1.1	3.8	9.5	16.8	2.7	10.7	14.2
May.....	92.5	32.4	1.1	4.6	9.6	17.0	2.7	10.8	14.3
June.....	94.3	32.6	1.1	5.1	9.7	17.4	2.8	11.4	14.2
July.....	94.1	31.9	1.1	5.2	9.7	17.7	2.8	11.6	14.0
August.....	95.2	32.6	1.1	5.1	9.7	17.9	2.8	11.7	14.4
September.....	95.6	33.0	1.0	5.4	9.7	17.8	2.8	11.3	14.7
October.....	95.6	33.9	1.0	4.9	9.7	17.6	2.8	11.1	14.6
November.....	94.1	33.7	1.0	4.6	9.4	17.5	2.8	10.7	14.5
December.....	94.7	33.4	1.0	4.1	9.3	18.2	2.8	11.0	15.0

## MASSACHUSETTS

1948									
January.....	1,726.7	747.3	1.7	58.8	131.7	337.4	74.7	187.4	187.7
February.....	1,721.4	746.0	1.7	49.3	139.6	336.0	75.1	187.2	186.5
March.....	1,726.5	745.7	1.8	50.8	138.2	338.0	75.2	188.8	188.0
April.....	1,717.6	729.7	2.0	58.4	134.5	335.7	75.2	192.3	189.7
May.....	1,726.0	723.4	2.1	63.4	138.4	336.5	75.8	194.6	191.8
June.....	1,735.2	726.1	2.2	65.4	138.5	339.1	76.4	196.4	191.0
July.....	1,716.7	710.0	2.2	68.7	140.4	334.5	77.4	194.1	189.4
August.....	1,727.2	725.6	2.2	69.4	138.4	330.9	77.3	193.1	190.2
September.....	1,735.6	731.3	2.3	67.6	137.7	334.4	76.4	192.9	193.0
October.....	1,734.7	727.9	2.2	67.4	137.0	337.3	76.2	193.5	193.2
November.....	1,733.7	722.8	2.1	67.0	134.8	345.3	76.1	192.5	193.1
December.....	1,762.7	715.5	2.0	65.4	138.4	364.6	76.7	192.1	208.0
1949									
January.....	1,689.1	696.7	1.9	56.3	137.8	330.1	76.4	191.6	198.4
February.....	1,669.2	690.8	1.9	49.4	137.4	324.8	76.9	191.0	197.1
March.....	1,653.5	675.8	2.0	49.4	135.6	322.6	76.9	193.0	198.2
April.....	1,645.2	655.5	2.2	53.4	133.6	328.2	76.8	195.9	199.5
May.....	1,633.0	636.1	2.3	55.9	135.3	325.9	77.1	198.7	201.6
June.....	1,631.2	629.3	2.4	57.6	137.5	326.1	77.3	199.7	201.2
July.....	1,608.8	617.5	2.5	58.7	136.3	317.8	77.9	198.4	199.7
August.....	1,622.1	634.2	2.5	57.0	136.9	315.3	77.8	196.0	202.3
September.....	1,641.9	645.2	2.6	57.2	135.5	321.5	76.7	197.6	205.7
October.....	1,641.5	647.3	( <sup>1</sup> )	57.3	135.4	321.1	76.6	196.9	204.4
November.....	1,539.4	642.6	( <sup>1</sup> )	57.8	135.4	326.1	76.8	198.9	201.7
December.....	1,671.5	647.4	( <sup>1</sup> )	52.6	135.1	345.6	76.2	199.4	215.2

For note and source see table O 1A. |

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## B. BY MONTH—Continued

RHODE ISLAND<sup>1</sup>

[In thousands]

Month	Total	Manu- facturing	Mining	Con- struc- tion	Trans- porta- tion and public utilities	Trade	Fi- nance, insur- ance, and real estate	Service	Gov- ern- ment
1948									
January.....	297.5	157.1	-----	9.5	17.0	50.2	9.5	25.8	28.5
February.....	297.0	157.8	-----	8.4	17.4	49.5	9.4	26.1	28.4
March.....	297.8	156.6	-----	8.7	17.5	50.6	9.6	26.3	28.6
April.....	295.8	152.8	-----	9.8	17.3	50.8	9.5	27.0	28.7
May.....	296.3	150.7	-----	10.6	17.4	51.1	9.5	28.0	29.0
June.....	297.3	150.4	-----	11.0	17.6	51.2	9.7	28.5	28.9
July.....	292.3	147.7	-----	11.5	17.6	50.3	9.6	26.9	28.9
August.....	291.6	147.1	-----	12.1	17.7	49.4	9.5	26.6	29.2
September.....	295.5	147.3	-----	12.9	17.7	50.8	9.5	27.5	29.9
October.....	296.0	146.3	-----	13.3	17.9	51.7	9.6	27.3	30.0
November.....	295.5	145.7	-----	13.1	17.8	52.3	9.7	27.2	29.8
December.....	294.6	142.9	-----	12.5	17.4	54.6	9.8	26.2	31.3
1949									
January.....	285.4	140.2	-----	10.5	17.3	51.0	9.9	26.5	29.9
February.....	280.7	138.6	-----	9.4	17.3	49.9	9.8	26.1	29.7
March.....	274.5	132.7	-----	9.4	16.9	49.9	9.8	26.1	29.7
April.....	270.2	126.1	-----	10.0	17.0	51.2	9.8	26.2	29.9
May.....	265.9	122.9	-----	9.6	16.7	49.3	9.7	26.9	30.7
June.....	265.4	123.2	-----	9.2	17.0	49.8	10.0	26.5	29.7
July.....	264.0	122.5	-----	11.0	16.5	48.6	9.9	25.1	29.4
August.....	267.4	123.9	-----	11.4	16.4	49.0	9.9	26.9	29.8
September.....	278.3	131.8	-----	11.6	16.8	50.2	10.2	27.4	30.3
October.....	282.5	135.8	-----	11.6	16.8	50.9	10.1	27.1 <sup>1</sup>	29.9
November.....	281.2	136.3	-----	11.2	16.5	51.6	10.2	26.1	29.3
December.....	283.6	135.1	-----	10.4	16.3	54.9	10.2	25.5	31.0

<sup>1</sup> The mining estimates have been combined with service.CONNECTICUT<sup>1</sup>

1948									
January.....	775.2	417.7	-----	27.0	43.3	118.6	34.5	72.5	61.6
February.....	772.3	417.5	-----	25.0	43.8	117.6	34.7	72.5	61.3
March.....	778.1	418.1	-----	26.9	43.5	119.4	35.0	73.1	62.0
April.....	778.7	411.5	-----	31.5	42.6	121.0	35.3	74.3	62.6
May.....	777.4	405.8	-----	33.5	43.1	121.7	35.3	74.8	63.2
June.....	777.9	402.5	-----	34.7	43.3	122.3	36.0	76.1	63.1
July.....	769.4	394.7	-----	36.1	43.9	121.5	33.7	76.6	62.9
August.....	773.9	396.3	-----	36.8	44.1	120.4	36.5	76.4	63.5
September.....	780.2	399.9	-----	36.6	43.9	122.3	36.2	76.2	65.1
October.....	780.1	400.6	-----	35.9	43.7	123.5	35.9	75.4	65.1
November.....	778.2	399.8	-----	34.7	43.5	125.5	35.9	74.9	63.8
December.....	781.3	394.2	-----	33.9	43.4	131.4	36.1	74.7	67.7
1949									
January.....	751.2	387.6	-----	29.4	43.0	119.7	36.3	71.2	64.0
February.....	738.8	379.0	-----	27.7	42.7	118.6	36.2	71.1	63.5
March.....	728.7	367.4	-----	27.9	42.5	119.5	36.2	71.2	64.0
April.....	721.0	354.4	-----	30.6	42.1	121.5	36.3	71.8	64.3
May.....	708.8	340.3	-----	32.5	42.0	121.1	36.2	72.2	64.5
June.....	703.8	332.6	-----	33.6	42.0	121.1	36.2	73.2	65.1
July.....	694.0	322.8	-----	33.9	42.2	120.5	36.9	73.2	64.5
August.....	693.8	324.8	-----	33.4	42.2	119.5	36.9	72.7	64.3
September.....	709.3	335.6	-----	33.8	41.9	120.9	36.6	75.5	65.0
October.....	717.4	344.0	-----	34.2	42.1	121.2	36.4	74.6	64.9
November.....	719.9	347.5	-----	32.8	41.8	122.6	36.4	74.1	64.7
December.....	728.7	349.3	-----	30.8	41.4	128.5	36.5	73.9	68.3

<sup>1</sup> The mining estimates have been combined with the construction group.

For note and source, see table C 1A.

## C. EMPLOYMENT—Continued

## 2. Employees in manufacturing establishments, in selected months, 1947-49

## REGIONAL TOTAL

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing <sup>1</sup> .....	1,585.8	1,554.5	1,387.0	1,511.9	1,510.7	1,293.3	1,534.0	1,519.2	1,331.7	1,576.9	1,477.7	1,339.7
	Percent change											
	March			June			September			December		
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49
All manufacturing.....	-2.0	-10.8	-0.1	-14.4	-1.0	-12.3	-6.3	-9.3				

<sup>1</sup> No break-down of manufacturing is available.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with State agencies.

MAINE

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing.....	114.8	111.2	102.0	108.2	111.8	102.8	119.6	120.4	111.4	118.5	109.9	100.1
Durable goods.....	38.1	31.9	30.4	35.9	32.3	27.3	34.5	33.6	-----	38.1	33.2	-----
Nondurable goods.....	76.7	79.3	71.6	72.3	79.5	75.5	85.1	86.8	-----	80.4	76.7	-----
Lumber and wood products (except furniture and fixtures).....	24.1	18.4	18.1	21.2	19.0	17.5	19.9	20.0	-----	23.1	20.1	-----
Primary metal industries; fabricated metal products; machinery.....	8.8	9.5	9.0	9.1	9.4	6.7	10.0	9.7	-----	10.4	9.4	-----
Other durable goods <sup>1</sup> .....	5.1	4.0	3.3	5.6	3.9	3.1	4.7	3.9	-----	4.6	3.7	-----
Food and kindred products.....	7.5	8.1	6.4	7.3	11.8	11.6	16.2	16.3	-----	8.7	7.7	-----
Paper and allied products.....	17.5	17.9	18.0	18.7	18.3	16.9	19.0	19.2	-----	18.8	18.2	-----
Textile-mill products; apparel and other finished textile products.....	30.1	31.6	25.7	28.7	29.9	25.8	29.4	30.7	-----	31.0	29.9	-----
Leather and leather products.....	17.2	17.2	17.2	13.5	15.2	17.1	16.3	16.4	-----	17.6	16.5	-----
Other nondurable goods <sup>2</sup> .....	4.3	4.4	4.3	4.2	4.3	4.2	4.1	4.2	-----	4.2	4.4	-----
Percent change												
	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49
All manufacturing.....	-3.1	-8.3	3.3	-8.1	0.7	-7.5	-7.3	-8.9				
Durable goods.....	-16.3	-4.7	-10.0	-15.5	-2.6	-----	-12.9	-----				
Nondurable goods.....	3.4	-9.7	10.0	-5.0	2.0	-----	-4.6	-----				

<sup>1</sup> Includes furniture and fixtures; stone, clay, and glass products; transportation equipment; and professional and scientific instruments, etc.

<sup>2</sup> Includes tobacco manufactures; printing, publishing, and allied industries; chemicals and allied products; products of petroleum and coal; rubber products; and miscellaneous manufacturing industries.

Series based on the 1945 Standard Industrial Classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Maine Unemployment Compensation Commission.



## C. EMPLOYMENT—Continued

## 2. Employees in manufacturing establishments, in selected months, 1947-49—Continued

## NEW HAMPSHIRE

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing.....	84.4	84.2	75.1	79.8	82.1	72.8	82.4	83.0	74.7	84.9	78.9	74.4
Durable goods.....	21.8	21.3	19.0	21.8	21.4	18.1	21.4	21.4		21.7	21.0	
Nondurable goods.....	62.6	62.9	56.0	58.0	60.7	54.8	61.0	61.6		63.2	57.9	
Lumber and wood products.....	8.5	8.2	6.9	8.6	8.3	6.9	8.2	8.2		8.3	7.9	
Furniture and fixtures.....	1.5	1.4	1.2	1.4	1.3	1.1	1.5	1.3		1.5	1.3	
Stone, clay, and glass products.....	1.2	1.3	1.1	1.3	1.4	1.0	1.4	1.4		1.3	1.3	
Primary metal industries.....	.8	.6	.6	.7	.6	.4	.6	.6		.6	.6	
Fabricated metal products.....	1.8	1.8	1.6	1.8	1.8	1.5	1.8	1.7		1.8	1.7	
Machinery (except electrical).....	6.8	6.3	5.4	6.8	6.2	5.0	6.7	6.1		6.8	5.9	
Electrical machinery and other durable goods <sup>1</sup> .....	1.5	1.7	2.1	1.4	1.8	2.2	1.4	2.2		1.6	2.3	
Food and kindred products.....	2.3	1.9	1.9	2.3	2.2	2.2	2.5	2.2		2.3	2.0	
Textile-mill products.....	24.0	24.7	17.0	21.2	23.7	17.5	22.9	22.6		24.2	20.5	
Apparel and other finished textile products.....	2.2	2.1	1.9	2.1	1.9	1.6	2.0	2.0		2.1	2.2	
Paper and allied products.....	7.6	7.4	7.3	7.5	7.5	7.0	7.5	7.6		7.7	7.4	
Printing, publishing, and allied industries.....	2.3	2.4	2.4	2.3	2.3	2.3	2.3	2.3		2.5	2.3	
Leather and leather products.....	21.0	21.5	22.7	19.7	20.3	21.5	20.9	21.6		21.4	20.6	
Other nondurable goods <sup>2</sup> .....	3.4	2.9	2.5	3.1	2.9	2.2	3.0	3.2		3.2	3.0	
Percent change												
	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49		
All manufacturing.....	-0.2	-10.8	2.9	-11.3	0.7	-10.0	-7.1	-5.7				
Durable goods.....	-2.3	-10.8	-1.8	-15.4	0		-3.2					
Nondurable goods.....	.5	-11.0	4.7	-9.7	1.0		-8.4					

<sup>1</sup> Includes transportation equipment; and professional and scientific instruments, etc.<sup>2</sup> Includes tobacco manufactures; chemicals and allied products; rubber products; and miscellaneous manufacturing industries.

Sources based on the 1945 Standard Industrial Classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Unemployment Compensation Division, New Hampshire Bureau of Labor.

VERMONT

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
	All manufacturing .....	41.5	38.7	34.0	38.4	37.8	32.6	39.2	37.3	33.0	40.0	36.3
Durable goods .....	23.6	21.0	19.1	21.3	20.4	18.0	21.3	20.5	-----	21.7	20.0	-----
Nondurable goods .....	17.9	17.7	14.9	17.1	17.4	14.6	17.9	16.8	-----	18.3	16.4	-----
Lumber and wood products; furniture and fixtures .....	9.0	8.6	7.3	8.8	8.2	6.6	8.6	8.1	-----	8.9	7.5	-----
Stone, clay and glass products .....	4.2	4.2	4.0	2.8	4.3	4.0	4.2	4.3	-----	4.2	4.2	-----
Machinery (except electrical) .....	8.0	5.7	5.1	7.4	5.6	4.7	6.1	5.5	-----	6.2	5.5	-----
Other durable goods <sup>1</sup> .....	2.5	2.4	2.8	2.3	2.4	2.8	2.4	2.6	-----	2.4	2.8	-----
Food and kindred products .....	2.5	2.4	2.4	2.9	2.8	2.9	2.8	2.7	-----	2.6	2.4	-----
Textile-mill products .....	5.7	5.9	3.9	4.8	5.6	3.6	5.5	5.0	-----	5.7	5.1	-----
Apparel and other finished textile products .....	2.1	1.9	1.7	1.8	1.7	1.5	1.8	1.6	-----	2.0	1.6	-----
Paper and allied products; printing, publishing and allied industries .....	3.4	3.6	3.6	3.7	3.7	N. A.	3.6	3.8	-----	3.7	3.8	-----
Other nondurable goods <sup>2</sup> .....	4.2	3.9	3.3	3.9	3.6	N. A.	4.0	3.7	-----	4.3	3.4	-----
Percent change												
Industry	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49		
	All manufacturing .....	-6.7	-12.1	-1.6	-13.8	-4.8	-11.5	-9.2	-8.0			
Durable goods .....	-11.0	-9.0	-4.2	-11.8	-3.8	-----	-7.8	-----				
Nondurable goods .....	-1.1	-15.8	1.8	-16.1	-6.1	-----	-10.4	-----				

<sup>1</sup> Includes primary metal industries; fabricated metal products; electrical machinery; transportation equipment; and professional and scientific instruments, etc.

<sup>2</sup> Includes chemicals and allied products; products of petroleum and coal; rubber products; leather and leather products; and miscellaneous manufacturing industries.

Series based on the 1945 Standard Industrial Classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Vermont Unemployment Compensation Commission.

## C. EMPLOYMENT—Continued

## 2. Employees in manufacturing establishments, in selected months, 1947-49—Continued

MASSACHUSETTS

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
	All manufacturing	763.5	745.7	675.8	724.7	726.1	629.3	732.5	731.3	645.2	757.5	715.5
Durable goods	308.8	295.2	272.4	295.6	288.6	248.7	288.6	289.5		299.5	289.9	
Nondurable goods	454.7	450.5	403.4	429.1	437.5	380.6	443.9	441.8		457.7	425.6	
Iron and steel and their products	60.1	57.8	50.3	57.9	55.7	43.7	56.9	53.9		58.8	54.5	
Electrical machinery	86.6	81.9	73.5	79.6	79.2	65.0	79.7	80.7		82.9	80.1	
Machinery (except electrical)	84.1	80.8	74.9	82.3	79.8	68.2	81.7	78.3		82.0	77.1	
Transportation equipment (including automobiles)	20.2	19.7	24.3	20.2	20.0	25.6	15.3	22.1		19.9	23.9	
Nonferrous metals and their products	24.7	23.6	19.2	23.8	22.7	18.4	23.8	23.7		23.6	22.8	
Lumber and timber basic products	3.0	2.7	2.6	3.1	2.8	2.5	2.7	2.9		2.7	2.8	
Furniture and finished lumber products	18.9	19.1	17.9	18.1	18.0	17.0	18.6	18.1		19.5	18.3	
Stone, clay, and glass products	11.1	9.7	9.8	10.6	10.5	8.3	10.1	10.5		10.2	10.5	
Textile-mill products	140.1	140.4	110.4	133.4	138.7	102.7	132.9	133.3		139.6	128.7	
Apparel and other finished textile products	51.0	52.7	60.5	47.4	49.9	45.5	51.2	51.4		52.3	48.8	
Leather and leather products	71.8	68.3	66.1	62.4	64.4	61.0	69.9	67.1		70.6	62.9	
Food and kindred products	36.7	36.9	36.4	37.3	37.2	37.5	39.4	39.0		39.9	38.4	
Paper and allied products	35.5	34.4	31.3	34.3	33.5	30.7	34.1	34.0		35.2	33.4	
Printing, publishing, and allied industries	31.0	31.8	30.2	30.8	31.3	29.9	30.8	31.9		32.4	31.2	
Chemicals and allied products	19.4	18.9	18.3	19.6	18.8	17.4	19.8	19.1		19.4	18.6	
Products of petroleum and coal	2.4	2.6	2.6	2.6	2.6	2.6	2.7	2.7		2.7	2.7	
Rubber products	27.9	26.1	21.5	24.7	24.2	20.0	24.8	24.4		26.4	24.1	
Tobacco manufactures; miscellaneous manufacturing industries	38.8	38.3	36.1	36.6	36.9	33.2	38.5	38.2		39.4	36.8	
	Percent change											
	March			June			September			December		
	1947-48	1948-49		1947-48	1948-49		1947-48	1948-49		1947-48	1948-49	
All manufacturing	-2.3	-9.4		0.2	-13.3		-0.2	-11.8		-5.5	-9.5	
Durable goods	-4.4	-7.7		-2.4	-13.8		.3			-3.2		
Nondurable goods	-9	-10.5		2.0	-13.0		-3.5			-7.0		

Series based on the 1942 Social Security Board Classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Division of Statistics, Massachusetts Department of Labor and Industries.

RHODE ISLAND

[In thousands]

99324-50-5

NEW ENGLAND

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing.....	157.6	156.6	132.7	150.4	150.4	123.2	151.1	147.3	131.8	158.2	142.9	135.1
Durable goods.....	43.1	39.9	34.0	42.2	39.4	29.4	39.6	37.8		41.0	37.0	
Nondurable goods.....	114.5	116.7	98.7	108.2	111.0	93.8	111.5	109.5		117.2	105.9	
Primary metal industries.....	6.9	6.9	6.1	6.8	7.2	5.1	6.9	6.5		7.0	6.5	
Electrical machinery.....	6.8	6.6	5.2	6.6	6.1	4.6	6.5	6.1		7.0	6.0	
Machinery (except electrical).....	16.0	13.4	11.4	15.5	12.8	9.7	13.3	12.4		13.7	12.0	
Transportation equipment.....	1.2	1.0	.9	1.2	1.2	.9	1.1	1.2		1.0	1.0	
Fabricated metal products.....	7.7	7.8	6.3	7.7	7.9	5.5	7.6	7.4		7.9	7.4	
Other durable goods <sup>1</sup> .....	4.4	4.1	4.0	4.3	4.3	3.7	4.2	4.1		4.4	4.1	
Textile-mill products.....	69.3	70.4	54.5	65.6	67.3	52.0	65.3	62.7		69.0	59.5	
Apparel and other finished textile products.....	2.3	2.6	2.7	2.2	2.6	2.6	2.4	2.6		2.6	2.7	
Food and kindred products.....	4.2	4.1	4.2	4.4	4.3	4.5	4.5	4.4		4.5	4.6	
Printing, publishing, and allied industries.....	3.3	3.4	3.5	3.4	3.5	3.6	3.3	3.5		3.4	3.6	
Rubber products.....	7.4	7.9	6.9	7.2	7.3	6.3	7.3	7.3		8.0	7.2	
Other nondurable goods <sup>2</sup> .....	27.9	28.4	26.8	25.5	26.0	24.7	28.5	28.9		29.6	28.5	
Percent change												
Industry	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49				
All manufacturing.....	-0.6	-15.3	0	-13.1	-2.5	-10.5	-0.7	-5.5				
Durable goods.....	-7.4	-14.8	-6.6	-25.4	-4.5		-9.8					
Nondurable goods.....	1.9	-15.4	2.6	-15.5	-1.8		-9.6					

<sup>1</sup> Includes lumber and timber basic products; furniture and finished lumber products; stone, clay, and glass products; and professional and scientific instruments, etc.

<sup>2</sup> Includes leather and leather products; tobacco manufactures; paper and allied products; chemicals and allied products; products of petroleum and coal; and miscellaneous manufacturing industries.

Series based on the 1945 Standard Industrial Classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Division of Statistics and Census, Rhode Island Department of Labor.

## C. EMPLOYMENT—Continued

## 2. Employees in manufacturing establishments, in selected months, 1947-49—Continued

## CONNECTICUT

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing.....	424.0	418.1	367.4	410.4	402.5	332.6	409.2	399.9	335.6	417.8	394.2	349.3
Durable goods.....	288.1	276.0	237.8	280.4	263.2	208.0	275.7	260.5	-----	278.9	257.2	-----
Nondurable goods.....	136.0	142.1	129.7	130.0	139.2	124.7	133.5	139.5	-----	138.9	137.1	-----
Ordnance and accessories.....	10.2	11.4	11.2	10.4	11.8	9.3	10.2	11.5	-----	11.1	11.6	-----
Lumber and wood products.....	1.5	1.5	1.5	1.5	1.6	1.5	1.4	1.6	-----	1.6	1.6	-----
Furniture and fixtures.....	2.9	2.8	2.2	2.4	2.4	1.9	2.7	2.5	-----	2.6	2.2	-----
Stone, clay, and glass products.....	5.0	4.6	4.1	5.0	4.6	4.2	4.8	4.7	-----	4.8	4.7	-----
Primary metal industries.....	43.0	39.1	35.5	41.2	38.0	30.3	38.4	38.2	-----	37.8	38.1	-----
Fabricated metal products.....	55.7	54.5	49.9	52.8	50.6	45.0	52.3	53.1	-----	55.0	53.6	-----
Machinery (except electrical).....	79.3	76.6	65.3	79.8	73.7	55.8	78.6	70.5	-----	79.3	68.8	-----
Electrical machinery.....	41.4	37.0	29.2	40.3	34.0	24.7	39.5	32.9	-----	38.0	32.3	-----
Transportation equipment.....	30.7	31.1	26.6	29.6	29.7	23.9	29.9	28.7	-----	31.1	29.1	-----
Instruments <sup>1</sup> .....	18.2	17.5	12.3	17.6	16.9	11.3	17.9	16.9	-----	17.6	14.8	-----
Food and kindred products.....	8.0	8.9	8.7	8.5	9.1	9.0	9.0	9.0	-----	8.8	8.9	-----
Tobacco manufactures.....	.5	.6	.4	.5	.5	.4	.5	.5	-----	.5	.5	-----
Textile-mill products.....	42.2	43.9	36.4	39.3	42.8	35.5	40.4	41.0	-----	42.1	40.8	-----
Apparel and other finished textile products.....	18.9	19.9	20.1	17.7	18.7	19.5	18.9	19.8	-----	19.8	19.4	-----
Paper and allied products.....	7.2	6.8	6.7	6.9	6.8	6.1	6.8	6.8	-----	6.9	7.0	-----
Printing, publishing, and allied industries.....	10.0	10.7	11.0	10.0	10.7	11.2	9.9	10.8	-----	10.2	10.9	-----
Chemicals and allied products.....	9.1	8.8	7.6	8.6	8.8	7.1	8.5	8.6	-----	8.7	8.4	-----
Products of petroleum and coal.....	.4	.7	.8	.7	.7	.6	.6	.8	-----	.7	.8	-----
Rubber products.....	11.7	11.8	11.6	10.9	11.5	11.2	10.8	12.2	-----	11.6	12.3	-----
Leather and leather products.....	2.1	2.2	2.1	2.0	2.0	2.2	2.3	2.3	-----	2.4	2.0	-----
Miscellaneous manufacturing industries.....	25.9	28.1	24.3	25.0	27.7	21.8	25.7	27.6	-----	27.2	26.0	-----
Percent change												
	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49
All manufacturing.....	-1.4	-12.1	-1.9	-17.4	-2.3	-16.1	-5.6	-11.4	-5.6	-11.4	-5.6	-11.4
Durable goods.....	-4.2	-13.8	-6.1	-21.0	-5.5	-16.1	-7.8	-11.4	-7.8	-11.4	-7.8	-11.4
Nondurable goods.....	4.5	-8.7	7.1	-10.4	4.5	-16.1	-1.3	-11.4	-1.3	-11.4	-1.3	-11.4

<sup>1</sup> Includes professional, scientific, and controlling instruments; photographic and optical goods; watches and clocks.

Series based on the 1945 Standard Industrial Classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Connecticut Employment Security Division, Department of Labor and Factory Inspection.

## C. EMPLOYMENT—Continued

## 3. Hours and earnings of production workers in manufacturing

State	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949 <sup>1</sup>	1947	1948	1949 <sup>2</sup>
Average weekly earnings												
United States.....	\$48.28	\$52.92	\$54.74	\$50.13	\$53.87	\$54.51	\$51.31	\$55.16	\$55.72	\$53.48	\$56.14	\$56.20
New England:												
Massachusetts.....	47.13	51.39	51.41	47.97	51.76	50.86	49.11	52.42	-----	50.83	52.13	-----
Rhode Island.....	45.60	50.36	47.90	45.42	49.82	47.65	46.16	48.37	-----	47.67	49.18	-----
Connecticut.....	(1)	54.94	53.02	(1)	54.51	51.72	(1)	56.33	-----	(1)	57.04	-----
Average weekly hours												
United States.....	40.4	40.4	39.1	40.3	40.2	38.8	40.5	39.8	39.6	41.3	40.1	39.8
New England:												
Rhode Island.....	41.6	41.3	38.8	40.5	40.1	38.8	40.6	39.0	-----	41.5	39.2	-----
Connecticut.....	(1)	41.9	38.6	(1)	41.1	37.8	(1)	41.0	-----	(1)	41.1	-----
Average hourly earnings												
United States.....	\$1.20	\$1.31	\$1.40	\$1.24	\$1.34	\$1.41	\$1.27	\$1.39	\$1.41	\$1.30	\$1.40	\$1.41
New England:												
Rhode Island.....	1.10	1.22	1.23	1.12	1.24	1.23	1.14	1.24	-----	1.15	1.25	-----
Connecticut.....	(1)	1.31	1.37	(1)	1.33	1.37	(1)	1.37	-----	(1)	1.39	-----

<sup>1</sup> Not available.<sup>2</sup> Preliminary.

NOTE.—Figures are not available for other New England States.

Source: U. S. Department of Labor, Bureau of Labor Statistics in cooperation with the agencies of the respective States.

## D. UNEMPLOYMENT

## 1. Workers covered by State unemployment compensation laws and number of first payments issued, 1940 and 1948

State	Average monthly covered employment					Number of first payments issued (in thousands)	
	Number (in thousands)		Percent of total		Percent increase, 1940-48	1940	1948
	1940	1948	1940	1948			
United States.....	23,007.5	32,856.9	100.0	100.0	42.8	5,211.7	3,993.7
New England.....	2,109.8	2,704.0	9.2	8.2	28.2	592.4	460.2
Maine.....	143.5	175.1	.6	.5	22.0	59.1	38.4
New Hampshire.....	104.4	130.8	.5	.4	25.3	35.5	23.6
Vermont.....	48.4	63.6	.2	.2	31.4	10.0	7.9
Massachusetts.....	1,113.8	1,459.4	4.8	4.4	31.0	312.3	244.7
Rhode Island.....	204.6	239.9	.9	.7	17.3	104.0	68.4
Connecticut.....	494.9	635.2	2.2	1.9	28.3	71.5	77.2

Source: U. S. Department of Labor, Bureau of Employment Security.

## 2. Continued claims for unemployment benefits, 1947-49

State	Mid-March <sup>1</sup>							
	Number of continued claims			Percent change <sup>2</sup>		Ratio of claimants to covered workers <sup>3</sup>		
	Mar. 22, 1947	Mar. 20, 1948	Mar. 19, 1949	1947-48	1948-49	Mar. 22, 1947	Mar. 20, 1948	Mar. 19, 1949
United States.....	1,120,196	1,071,721	1,949,746	-4.3	81.9	3.7	3.3	5.9
New England.....	87,048	87,632	199,033	.7	127.1	3.4	3.2	7.4
Maine.....	8,464	7,828	15,192	-7.5	94.1	5.1	4.5	8.7
New Hampshire.....	3,756	5,085	12,727	35.4	150.3	3.0	3.9	9.7
Vermont.....	1,546	2,211	4,501	43.0	103.6	2.5	3.4	7.1
Massachusetts.....	52,420	48,139	96,241	-8.2	99.9	3.7	3.3	6.6
Rhode Island.....	8,834	9,480	25,695	7.3	171.0	3.8	4.0	10.7
Connecticut.....	12,028	14,889	44,677	23.8	200.1	2.0	2.3	7.0

State	Mid-June <sup>1</sup>							
	Number of continued claims			Percent change <sup>2</sup>		Ratio of claimants to covered workers <sup>3</sup>		
	June 21, 1947	June 19, 1948	June 18, 1949	1947-48	1948-49	June 21, 1947	June 19, 1948	June 18, 1949
United States.....	1,169,812	1,016,451	2,007,440	-13.1	97.5	3.9	3.2	6.1
New England.....	143,570	129,020	304,215	-10.1	135.8	5.5	4.8	11.3
Maine.....	12,054	10,595	19,780	-12.1	86.7	7.2	6.0	11.3
New Hampshire.....	6,995	6,473	16,435	-7.5	153.9	5.6	4.9	12.6
Vermont.....	2,542	2,029	5,199	-20.2	156.2	4.1	3.2	8.2
Massachusetts.....	88,500	71,587	154,856	-19.1	116.3	6.3	4.9	10.6
Rhode Island.....	16,601	18,740	47,361	12.9	152.7	7.2	7.9	19.7
Connecticut.....	16,878	19,596	60,584	16.1	209.2	2.8	3.1	9.5

See footnotes at end of table, p. 57.

## D. UNEMPLOYMENT—Continued

## 2. Continued claims for unemployment benefits, 1947-49—Continued

State	Mid-September <sup>1</sup>							
	Number of continued claims			Percent change <sup>2</sup>		Ratio of claimants to covered workers <sup>3</sup>		
	Sept. 20, 1947	Sept. 25, 1948	Sept. 24, 1949	1947-48	1948-49	Sept. 20, 1947	Sept. 25, 1948	Sept. 24, 1949
United States .....	866,361	821,725	1,902,578	-5.2	131.5	2.9	2.6	5.8
New England .....	86,804	88,513	207,826	2.0	134.8	3.3	3.3	7.7
Maine .....	3,726	5,180	12,015	39.0	131.9	2.2	2.9	6.9
New Hampshire .....	3,575	4,734	11,381	32.4	140.4	2.8	3.6	8.7
Vermont .....	1,083	1,242	3,853	14.7	210.2	1.8	1.9	6.1
Massachusetts .....	50,803	46,353	108,309	-8.8	133.7	3.6	3.2	7.4
Rhode Island .....	14,058	14,435	26,170	2.7	81.3	6.1	6.1	10.9
Connecticut .....	13,559	16,569	46,098	22.2	178.2	2.3	2.6	7.3

State	Mid-December <sup>1</sup>							
	Number of continued claims			Percent change <sup>2</sup>		Ratio of claimants to covered workers <sup>3</sup>		
	Dec. 13, 1947	Dec. 18, 1948	Dec. 17, 1949	1947-48	1948-49	Dec. 13, 1947	Dec. 18, 1948	Dec. 17, 1949
United States .....	783,889	1,129,265	-----	44.1	-----	2.6	3.5	-----
New England .....	63,909	119,500	-----	87.0	-----	2.5	4.4	-----
Maine .....	5,331	10,910	-----	104.7	-----	3.2	6.2	-----
New Hampshire .....	2,812	7,731	-----	174.9	-----	2.2	5.9	-----
Vermont .....	1,091	1,845	-----	69.1	-----	1.8	2.9	-----
Massachusetts .....	37,107	63,598	-----	71.4	-----	2.6	4.4	-----
Rhode Island .....	9,126	16,634	-----	82.3	-----	3.9	7.0	-----
Connecticut .....	8,442	18,782	-----	122.5	-----	1.4	2.9	-----

<sup>1</sup> Dates were selected to minimize as far as possible such noneconomic factors as holidays and new benefit years.

<sup>2</sup> Increase, unless otherwise indicated.

<sup>3</sup> The rate of unemployment was obtained by dividing the number of claims by the annual average number of persons covered in the previous year.

Source: U. S. Department of Labor, Bureau of Employment Security.

## 3. Weeks compensated, 1940 and 1948

[In thousands]

State	1940					1948				
	Total for year	March	June	September	December	Total for year	March	June	September	December
United States .....	51,012	4,574	5,324	3,603	2,973	42,550	4,230	3,859	3,114	4,044
New England .....	5,439	419	671	367	302	4,478	354	482	351	469
Maine .....	535	37	64	30	39	384	32	43	20	44
New Hampshire .....	289	16	36	12	22	239	20	27	21	25
Vermont .....	107	15	9	6	7	80	8	8	5	7
Massachusetts .....	3,128	225	398	245	185	2,377	193	259	174	250
Rhode Island .....	832	59	115	41	25	682	40	80	56	70
Connecticut .....	548	66	50	34	25	715	61	65	74	73

Source: U. S. Department of Labor, Bureau of Employment Security.



## D. UNEMPLOYMENT—Continued

## 4. Exhaustion of benefit rights and estimated average duration of benefits, 1948

State	Exhaustions of benefits		Estimated average duration (weeks) <sup>2</sup>
	Number	As percent of first payments <sup>1</sup>	
United States:			
1940 <sup>3</sup> .....	2,596,128	50.6	9.9
1948.....	1,024,274	27.6	10.7
New England.....	125,565	30.8	9.7
Maine.....	7,214	21.2	10.0
New Hampshire.....	3,440	17.2	10.1
Vermont.....	1,700	23.6	10.1
Massachusetts.....	73,999	33.7	9.7
Rhode Island.....	23,263	39.4	10.0
Connecticut.....	15,949	23.7	9.3

<sup>1</sup> Exhaustions for calendar year as percent of first payments for 12-month period ended in September.

<sup>2</sup> Represents number of weeks compensated, divided by number of first payments in calendar year.

<sup>3</sup> No State break-downs available for 1940. The 1940 figures exclude Indiana and Wisconsin and include Alaska and Hawaii.

Source: U. S. Department of Labor, Bureau of Employment Security.

## 5. Average weekly benefit for total unemployment, 1940 and 1948

State	1940	1948
United States.....	<sup>1</sup> \$10.56	<sup>1</sup> \$19.03
New England:		
Maine.....	6.65	14.91
New Hampshire.....	8.82	15.55
Vermont.....	9.08	18.89
Massachusetts.....	10.09	22.41
Rhode Island.....	10.54	21.34
Connecticut <sup>2</sup> .....	9.98	20.21

<sup>1</sup> United States average includes Alaska and Hawaii.

<sup>2</sup> Maximum weekly benefit amount changed by law during 1948.

NOTE.—Dependents' allowances are included. Data are corrected to June 20, 1949.

Source: U. S. Department of Labor, Bureau of Employment Security.

## E. MANUFACTURING

### 1. Establishments, production workers, and value added by manufacture, 1939 and 1947

#### MAINE

Major industry group	Establishments, number		Production workers				Value added by manufacture			
			Number		Percent		Amount (in thousands of dollars)		Percent	
	1939	1947	1939	1947	1939	1947	1939	1947	1939	1947
All industries.....	1, 118	1, 635	74, 040	90, 378	100. 0	100. 0	150, 588	432, 123	100. 0	100. 0
Food and kindred products.....	286	308	5, 559	7, 313	7. 5	8. 1	12, 424	42, 409	8. 3	9. 8
Textile mill products.....	69	76	22, 252	23, 928	30. 1	26. 5	40, 132	116, 512	26. 7	27. 0
Apparel and related products.....	18	48	1, 090	3, 316	1. 5	3. 7	1, 390	20, 613	. 9	4. 8
Lumber and products, except furniture.....	280	583	6, 957	11, 556	9. 4	12. 8	9, 948	36, 973	6. 6	8. 6
Furniture and fixtures.....	13	22	411	579	. 6	. 6	810	2, 207	. 5	. 5
Paper and allied products.....	54	59	11, 710	14, 813	15. 8	16. 4	38, 521	103, 156	25. 6	23. 9
Printing and publishing industries.....	127	140	1, 023	1, 064	1. 4	1. 2	4, 766	8, 743	3. 2	2. 0
Chemicals and allied products.....	33	46	277	549	. 4	. 6	1, 194	5, 336	. 8	1. 2
Rubber products.....	3	6	(1)	173	. 1	. 2	(1)	452	. 1	. 1
Leather and leather products.....	82	95	16, 740	14, 584	22. 6	16. 1	23, 094	47, 979	15. 3	11. 1
Stone, clay and glass products.....	34	45	678	523	. 9	. 6	1, 918	2, 623	1. 3	. 6
Primary metal industries.....	11	16	145	350	. 2	. 4	238	1, 458	. 2	. 3
Fabricated metal products.....	29	36	938	1, 648	1. 3	1. 8	3, 377	7, 439	2. 2	1. 7
Machinery (except electrical).....	21	32	2, 827	5, 557	3. 8	6. 1	6, 046	26, 728	4. 0	6. 2
Transportation equipment.....	27	64	2, 595	3, 148	3. 5	3. 5	(1)	5, 600	. 9	1. 3
Miscellaneous manufactures.....	27	49	729	1, 189	1. 0	1. 3	1, 301	3, 443	. 8	. 8
All other major industry groups.....	4	10	109	88	(2)	. 1	48	452	(2)	. 1

See footnotes at end of table, p. 63.

## E. MANUFACTURING—Continued

## 1. Establishments, production workers, and value added by manufacture, 1939 and 1947—Continued

## NEW HAMPSHIRE

Major industry group	Establishments, number		Production workers				Value added by manufacture			
			Number		Percent		Amount (in thousands of dollars)		Percent	
	1939	1947	1939	1947	1939	1947	1939	1947	1939	1947
All industries.....	772	1,124	55,434	66,448	100.0	100.0	104,453	306,932	100.0	100.0
Food and kindred products.....	98	93	1,091	1,179	2.0	1.8	3,992	9,106	3.8	3.0
Textile mill products.....	85	108	15,536	18,631	28.0	28.0	26,889	85,318	25.7	27.8
Apparel and related products.....	15	30	506	1,961	.9	3.0	658	8,592	.6	2.8
Lumber and products, except furniture.....	186	372	4,247	6,005	7.6	9.0	6,666	22,447	6.4	7.3
Furniture and fixtures.....	20	34	922	1,232	1.7	1.9	1,449	4,885	1.4	1.6
Paper and allied products.....	37	44	4,358	5,013	7.9	7.5	12,015	33,520	11.5	10.9
Printing and publishing industries.....	78	91	1,240	1,787	2.2	2.7	3,875	10,960	3.7	3.6
Chemicals and allied products.....	15	18	221	388	.4	.6	1,368	2,801	1.3	.9
Leather and leather products.....	112	115	20,957	18,404	37.8	27.7	31,570	70,107	30.2	22.8
Stone, clay, and glass products.....	21	37	824	888	1.5	1.3	2,721	3,866	2.6	1.3
Primary metal industries.....	14	16	220	582	.4	.9	367	2,566	.4	.8
Fabricated metal products.....	16	33	926	1,396	1.7	2.1	2,471	6,842	2.4	2.2
Machinery (except electrical).....	32	37	2,367	5,165	4.3	7.8	6,568	32,209	6.3	10.5
Instruments and related products.....	3	10	(1)	473	(?)	.7	27	1,635	(?)	.5
Miscellaneous manufactures.....	27	40	1,240	1,597	2.2	2.4	2,062	5,573	2.0	1.8
All other major industries.....	13	26	779	1,747	1.4	2.6	1,755	6,505	1.7	2.1

## VERMONT

All industries.....	659	830	20,498	30,239	100.0	100.0	49,741	149,685	100.0	100.0
Food and kindred products.....	135	120	1,116	1,670	5.4	5.5	5,333	14,692	10.7	9.8
Textile-mill products.....	22	26	4,624	4,580	22.6	15.1	5,942	17,940	11.9	12.0
Apparel and related products.....	10	30	648	1,425	3.2	4.7	805	4,035	1.6	2.7
Lumber and products, except furniture.....	173	274	3,367	5,155	16.4	17.0	5,518	18,569	11.1	12.4
Furniture and fixtures.....	19	30	1,253	1,598	6.1	5.3	2,005	5,134	4.0	3.4
Paper and allied products.....	19	24	1,334	2,386	6.5	7.9	4,070	19,744	8.2	13.2
Printing and publishing industries.....	56	73	641	725	3.1	2.4	2,087	3,803	4.2	2.5
Chemicals and allied products.....	13	21	95	244	.5	.8	546	2,777	1.1	1.9
Leather and leather products.....	8	8	605	402	3.0	1.3	705	1,168	1.4	.8
Stone, clay, and glass products.....	138	120	2,041	2,279	10.0	7.5	6,101	12,583	12.3	8.4
Primary metal industries.....	8	10	388	585	1.9	1.9	935	2,042	1.9	1.4
Fabricated metal products.....	15	20	330	670	1.6	2.2	885	3,285	1.8	2.2
Machinery (except electrical).....	25	35	2,870	5,622	14.0	18.6	11,265	30,686	22.6	20.5
Miscellaneous manufactures.....	13	26	696	1,254	3.4	4.1	1,353	4,703	2.7	3.1
All other major industry groups.....	5	13	490	1,644	2.4	5.4	2,191	8,524	4.4	5.7

## MASSACHUSETTS

All industries.....	8,444	10,524	458,372	601,603	100.0	100.0	1,181,465	3,370,094	100.0	100.0
Food and kindred products.....	1,453	1,229	28,163	31,978	6.1	5.3	105,906	226,956	9.0	6.7
Tobacco manufactures.....	26	41	286	333	.1	.1	673	1,272	.1	(*)
Textile mill products.....	568	636	122,223	120,719	26.7	20.1	206,446	568,355	17.5	16.9
Apparel and related products.....	888	1,310	36,769	42,761	8.0	7.1	58,948	172,497	5.0	5.1
Lumber and products, except furniture.....	296	410	4,977	6,669	1.1	1.1	12,088	28,325	1.0	.8
Furniture and fixtures.....	321	420	7,925	9,538	1.7	1.6	18,340	50,274	1.6	1.5
Paper and allied products.....	311	338	22,749	29,538	5.0	4.9	68,025	190,680	5.8	5.7
Printing and publishing industries.....	1,101	1,167	18,886	23,517	4.1	3.9	83,442	174,667	7.1	5.2
Chemical and allied products.....	355	416	7,702	12,655	1.7	2.1	58,282	143,428	4.9	4.3
Petroleum and coal products.....	33	30	2,045	2,057	.6	.3	9,350	26,155	.8	.8
Rubber products.....	68	89	14,261	21,766	3.1	3.6	34,530	132,469	2.9	3.9
Leather and leather products.....	778	990	65,608	63,702	14.3	10.6	114,022	326,663	9.7	9.7
Stone, clay, and glass products.....	234	274	4,702	8,279	1.0	1.4	22,594	56,832	1.9	1.7
Primary metal industries.....	171	235	11,081	16,928	2.4	2.8	35,778	89,058	3.0	2.6
Fabricated metal products.....	586	824	19,619	34,588	4.3	5.7	60,849	205,910	5.2	6.1
Machinery (except electrical).....	523	938	32,926	69,024	7.2	11.5	115,468	386,936	9.8	11.5
Electrical machinery.....	94	182	18,978	43,598	4.1	7.2	73,316	256,953	6.2	7.6
Transportation equipment.....	73	115	9,856	14,080	2.2	2.3	25,231	80,185	2.1	2.4
Instruments and related products.....	93	144	8,933	14,581	1.9	2.4	27,043	78,175	2.3	2.3
Miscellaneous manufactures.....	472	736	20,683	35,292	4.5	5.9	51,134	174,304	4.3	5.2

See footnotes at end of table, p. 63.

## E. MANUFACTURING—Continued

## 1. Establishments, production workers, and value added by manufacture, 1939 and 1947—Continued

## RHODE ISLAND

Major industry group	Establishments, number		Production workers				Value added by manufacture			
			Number		Percent		Amount (in thousands of dollars)		Percent	
	1939	1947	1939	1947	1939	1947	1939	1947	1939	1947
All industries.....	1,399	2,214	106,089	128,130	100.0	100.0	237,698	658,420	100.0	100.0
Food and kindred products.....	246	216	2,842	3,060	2.7	2.4	14,395	22,985	6.1	3.5
Textile-mill products.....	292	374	59,369	57,627	56.0	45.0	107,069	282,164	45.0	42.9
Apparel and related products.....	39	81	2,482	2,538	2.3	2.0	4,021	9,517	1.7	1.4
Lumber and products, except furniture.....	28	38	394	516	.4	.3	901	2,476	.4	.4
Furniture and fixtures.....	19	34	317	650	.3	.5	816	2,918	.3	.4
Paper and allied products.....	29	33	1,198	1,728	1.1	1.3	2,596	8,467	1.1	1.3
Printing and publishing industries.....	113	139	1,722	2,157	1.6	1.7	8,296	15,925	3.5	2.4
Chemicals and allied products.....	50	59	630	918	.6	.7	3,500	10,239	1.5	1.6
Rubber products.....	11	14	3,888	5,309	3.7	4.1	10,159	27,163	4.3	4.1
Leather and leather products.....	16	27	419	373	.4	.3	684	1,835	.3	.3
Stone, clay, and glass products.....	25	35	564	916	.5	.7	1,666	4,392	.7	.7
Primary metal industries.....	32	47	2,539	4,485	2.4	3.5	7,148	23,868	3.0	4.3
Fabricated metal products.....	99	231	4,746	6,935	4.5	5.4	11,632	38,246	4.9	5.8
Machinery (except electrical).....	87	192	6,947	13,707	6.5	10.7	24,240	69,170	10.2	10.5
Electrical machinery.....	20	26	2,567	4,671	2.4	3.6	7,860	24,135	3.3	3.7
Transportation equipment.....	10	20	256	228	.2	.2	908	881	.4	.1
Instruments and related products.....	15	26	1,115	1,501	1.1	1.2	2,800	6,354	1.2	1.3
Miscellaneous manufactures.....	257	612	13,706	20,238	12.9	15.8	27,573	98,206	11.6	14.9
All other major industry groups.....	11	10	388	573	.4	.4	1,434	2,679	.6	.4

## CONNECTICUT

All industries.....	2,809	3,947	232,979	331,527	100.0	100.0	690,323	1,896,546	100.0	100.0
Food and kindred products.....	540	406	5,375	5,439	2.3	1.6	23,245	48,548	3.4	2.6
Textile mill products.....	217	230	36,553	35,210	15.7	10.6	75,448	175,270	10.9	9.2
Apparel and related products.....	236	319	19,583	14,908	8.4	4.5	31,879	64,727	4.6	3.4
Lumber and products, except furniture.....	79	113	957	1,399	.4	.4	2,270	7,115	.3	.4
Furniture and fixtures.....	80	111	1,244	2,012	.5	.6	2,951	9,201	.4	.5
Paper and allied products.....	84	91	4,713	6,542	2.0	2.0	14,807	41,446	2.1	2.2
Printing and publishing industries.....	341	384	5,633	6,877	2.4	2.1	27,412	67,081	4.0	3.5
Chemicals and allied products.....	63	122	3,249	5,369	1.4	1.6	20,635	52,329	3.0	2.8
Rubber products.....	21	36	7,984	9,048	3.4	2.7	16,002	56,660	2.3	3.0
Leather and leather products.....	38	43	2,663	1,305	1.1	.4	4,050	5,887	.6	.3
Stone, clay, and glass products.....	83	132	2,590	4,623	1.1	1.4	6,811	28,079	1.0	1.5
Primary metal industries.....	105	155	23,391	29,994	10.0	9.0	89,607	164,506	13.0	8.7
Fabricated metal products.....	331	579	30,918	46,631	13.3	14.1	79,164	244,454	11.5	12.9
Machinery (except electrical).....	228	597	34,829	65,021	14.9	19.6	124,205	387,391	18.0	20.4
Electrical machinery.....	74	141	13,680	27,704	5.9	8.4	44,220	165,361	6.4	8.7
Transportation equipment.....	38	78	8,825	21,477	3.8	6.5	44,227	120,142	6.4	6.3
Instruments and related products.....	32	67	9,065	14,542	3.9	4.4	21,494	75,972	3.1	4.0
Miscellaneous manufactures.....	166	303	20,935	32,741	9.0	9.9	58,929	177,471	8.5	9.4
All other major industry groups.....	33	40	792	685	.3	.2	2,967	4,906	.4	.3

<sup>1</sup> Withheld to avoid disclosing figures for individual companies.

<sup>2</sup> Less than 0.05 percent.

Source: 1947 Census of Manufactures, Final State Reports (Series MC100). Although 1939 data have been adjusted wherever possible to the standard industrial classification used for the 1947 census, figures given for the 2 periods are not in every case completely comparable. For full descriptions of the small variations remaining in various industry groups, see the industry volume of the 1947 Census of Manufactures (vol. II).

## E. MANUFACTURING—Continued.

## 2. Production workers, 1939 and 1947

State	1939	1947	Change 1		1939	1947	Change 1	
			Number	Per-cent			Number	Per-cent
	All industries				Food and kindred products			
United States.....	7,808,205	11,916,188	4,107,983	53	802,133	1,099,478	297,345	37
New England.....	947,412	1,248,325	300,913	32	44,146	50,639	6,493	15
Maine.....	74,040	90,378	16,338	22	5,559	7,313	1,754	32
New Hampshire.....	55,434	66,448	11,014	20	1,091	1,179	88	8
Vermont.....	20,498	30,239	9,741	48	1,116	1,670	554	50
Massachusetts.....	458,372	601,603	143,231	31	28,163	31,978	3,815	14
Rhode Island.....	106,089	128,130	22,041	21	2,842	3,060	218	8
Connecticut.....	232,979	331,527	98,548	42	5,375	5,439	64	1
	Tobacco manufactures				Textile mill products			
United States.....	87,525	103,289	15,764	18	1,081,710	1,147,194	65,484	6
New England.....	1,343	1,270	-73	-5	260,557	260,695	138	(3)
Maine.....	(2)	(3)			22,252	23,925	1,676	8
New Hampshire.....	503	510	7	1	15,536	18,631	3,095	20
Vermont.....					4,624	4,580	-44	-1
Massachusetts.....	286	333	47	16	122,223	120,719	-1,504	-1
Rhode Island.....	(2)	(2)			59,369	57,627	-1,742	-3
Connecticut.....	497	399	-98	-20	36,553	35,210	-1,343	-4
	Apparel and related products				Lumber and products, except furniture			
United States.....	752,829	972,897	220,068	29	422,947	596,118	173,171	41
New England.....	61,078	66,909	5,831	10	20,899	31,300	10,401	50
Maine.....	1,090	3,316	2,226	204	6,957	11,556	4,599	66
New Hampshire.....	506	1,961	1,455	288	4,247	6,005	1,758	41
Vermont.....	648	1,425	777	120	3,367	5,155	1,788	53
Massachusetts.....	36,769	42,761	5,992	16	4,977	6,669	1,692	34
Rhode Island.....	2,482	2,538	56	2	394	516	122	31
Connecticut.....	19,583	14,908	-4,675	-24	957	1,399	442	46
	Furniture and fixtures				Paper and allied products			
United States.....	189,382	282,780	93,398	49	270,239	388,901	118,662	44
New England.....	12,072	15,609	3,537	29	46,062	60,020	13,958	30
Maine.....	411	579	168	41	11,710	14,813	3,103	26
New Hampshire.....	922	1,232	310	34	4,358	5,013	655	15
Vermont.....	1,253	1,598	345	28	1,334	2,386	1,052	79
Massachusetts.....	7,925	9,538	1,613	20	22,740	29,538	6,799	30
Rhode Island.....	317	650	333	105	1,198	1,728	530	44
Connecticut.....	1,244	2,012	768	62	4,713	6,542	1,829	39
	Printing and publishing industries				Chemicals and allied products			
United States.....	324,371	438,135	113,764	35	275,669	466,458	190,789	69
New England.....	29,145	36,127	6,982	24	12,174	20,123	7,949	65
Maine.....	1,023	1,064	41	4	277	549	272	98
New Hampshire.....	1,240	1,787	547	44	221	388	167	76
Vermont.....	641	725	84	13	95	244	149	157
Massachusetts.....	18,886	23,517	4,631	25	7,702	12,655	4,953	64
Rhode Island.....	1,722	2,157	435	25	630	918	288	46
Connecticut.....	5,633	6,877	1,244	22	3,249	5,369	2,120	65

See footnotes at end of table, p. 66.

## E. MANUFACTURING—Continued

## 2. Production workers, 1939 and 1947—Continued

State	1939	1947	Change <sup>1</sup>		1939	1947	Change <sup>1</sup>	
			Number	Per cent			Number	Per cent
	Products of petroleum and coal				Rubber products			
United States.....	107,695	169,610	61,915	57	120,740	214,533	93,793	78
New England.....	2,734	2,985	251	9	26,661	37,502	10,841	---
Maine.....	( <sup>2</sup> )	4	---	---	( <sup>2</sup> )	173	---	---
New Hampshire.....	---	---	---	---	( <sup>2</sup> )	( <sup>2</sup> )	---	---
Vermont.....	( <sup>2</sup> )	( <sup>2</sup> )	---	---	( <sup>2</sup> )	( <sup>2</sup> )	---	---
Massachusetts.....	2,045	2,057	12	1	14,281	21,766	7,505	53
Rhode Island.....	( <sup>2</sup> )	( <sup>2</sup> )	---	---	3,888	5,309	1,421	37
Connecticut.....	295	286	-9	-3	7,984	9,048	1,064	13
	Leather and leather products				Stone, clay, and glass products			
United States.....	327,189	348,529	21,340	7	267,094	405,755	138,661	52
New England.....	106,992	98,770	-8,222	-8	11,399	17,508	6,109	54
Maine.....	16,740	14,584	-2,156	-13	678	523	-155	-23
New Hampshire.....	20,957	18,404	-2,553	-12	824	888	64	8
Vermont.....	605	402	-203	-34	2,041	2,279	238	12
Massachusetts.....	65,608	63,702	-1,906	-3	4,702	8,279	3,577	76
Rhode Island.....	419	373	-46	-11	564	916	352	62
Connecticut.....	2,663	1,305	-1,358	-51	2,590	4,623	2,033	79
	Primary metal industries				Fabricated metal products			
United States.....	672,438	1,010,055	337,617	50	451,087	822,514	371,427	82
New England.....	37,764	52,924	15,160	40	57,477	91,868	34,391	60
Maine.....	145	350	205	141	938	1,648	710	76
New Hampshire.....	220	582	362	165	926	1,306	470	51
Vermont.....	388	585	197	51	330	670	340	103
Massachusetts.....	11,081	16,928	5,847	53	19,610	34,588	14,969	76
Rhode Island.....	2,539	4,485	1,946	77	4,746	6,935	2,189	46
Connecticut.....	23,391	29,994	6,603	28	30,918	46,631	15,713	51
	Machinery (except electrical)				Electrical machinery			
United States.....	536,082	1,244,135	708,053	132	247,930	639,147	391,217	158
New England.....	82,766	164,096	81,330	98	35,486	77,337	41,851	118
Maine.....	2,827	5,557	2,730	97	( <sup>2</sup> )	( <sup>2</sup> )	---	---
New Hampshire.....	2,367	5,165	2,798	118	257	920	663	258
Vermont.....	2,870	5,622	2,752	96	( <sup>2</sup> )	( <sup>2</sup> )	---	---
Massachusetts.....	32,926	69,024	36,098	110	18,978	43,598	24,620	130
Rhode Island.....	6,947	13,707	6,760	97	2,567	4,671	2,104	82
Connecticut.....	34,829	65,021	30,192	87	13,680	27,704	14,024	103
	Transportation equipment				Instruments and related products			
United States.....	544,553	987,142	442,589	81	84,867	181,939	97,072	114
New England.....	21,545	38,997	17,452	81	19,123	31,335	12,212	64
Maine.....	2,595	3,148	553	21	( <sup>2</sup> )	( <sup>2</sup> )	---	---
New Hampshire.....	( <sup>2</sup> )	13	---	---	( <sup>2</sup> )	473	---	---
Vermont.....	( <sup>2</sup> )	51	---	---	( <sup>2</sup> )	( <sup>2</sup> )	---	---
Massachusetts.....	9,866	14,080	4,224	43	8,933	14,581	5,648	63
Rhode Island.....	256	228	-28	-11	1,115	1,501	386	35
Connecticut.....	8,825	21,477	12,652	143	9,065	14,542	5,477	60

See footnotes at end of table, p. 66.



## E. MANUFACTURING—Continued

## 2. Production workers, 1939 and 1947—Continued

State	1939	1947	Change <sup>1</sup>		1939	1947	Change <sup>1</sup>	
			Number	Per-cent			Number	Per-cent
Miscellaneous manufactures								
United States.....	241,725	397,579	155,854	64				
New England.....	57,989	92,311	34,322	59				
Maine.....	729	1,189	460	63				
New Hampshire.....	1,240	1,597	357	29				
Vermont.....	696	1,254	558	80				
Massachusetts.....	20,683	35,292	14,609	71				
Rhode Island.....	13,706	20,238	6,532	48				
Connecticut.....	20,935	32,741	11,806	56				

<sup>1</sup> Increase, unless otherwise indicated.

\* Withheld to avoid disclosing figures for individual companies.

† Less than 0.05 percent.

Source: 1947 Census of Manufactures, Final State Reports (Series M100). Although 1939 data have been adjusted wherever possible to the standard industrial classification used for the 1947 census, figures for the 2 periods are not in every case completely comparable. For full descriptions of the small variations remaining in various industry groups, see the industry volume of the 1947 Census of Manufactures (vol. II).

In order to avoid disclosing figures for individual companies, the statistics for some industry groups are not shown. They are included, however, in the State totals.

3. Trends in total manufacturing, 1899-1947 <sup>1</sup>

## NUMBER OF ESTABLISHMENTS

Year	United States	New England	Maine	New Hampshire	Vermont	Massachusetts	Rhode Island	Connecticut
Number								
1899.....	204,750	22,576	2,878	1,771	1,938	10,929	1,678	3,382
1909.....	264,810	25,351	3,546	1,961	1,958	11,684	1,951	4,251
1919.....	270,231	24,552	2,834	1,451	1,702	11,627	2,367	4,571
1929.....	206,663	18,272	1,568	1,075	927	9,872	1,701	3,129
1939.....	173,802	15,201	1,118	772	659	8,444	1,399	2,809
1947.....	240,881	20,274	1,635	1,124	830	10,524	2,214	3,947
Index (1899=100)								
1899.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1909.....	129.3	112.3	123.2	110.7	101.0	106.9	116.3	125.7
1919.....	132.0	108.8	98.5	81.9	87.8	106.4	141.1	135.2
1929.....	100.9	80.9	54.5	60.7	47.8	90.3	101.4	92.5
1939.....	84.9	67.3	38.8	43.6	34.0	77.3	83.4	83.1
1947.....	117.6	89.8	56.8	63.5	42.8	96.3	131.9	116.7

See footnotes at end of table, p. 68.

## E. MANUFACTURING—Continued

## 3. Trends in total manufacturing, 1899-1947—Continued

## ALL EMPLOYEES

[Average for the year]

Year	United States	New England	Maine	New Hampshire	Vermont	Massachusetts	Rhode Island	Connecticut
Number								
1899-----	4,850,019	897,305	73,017	69,714	29,874	463,490	92,219	168,991
1909-----	7,012,066	1,187,987	84,815	82,177	36,467	633,205	120,920	230,403
1919-----	9,836,801	1,509,093	96,082	88,726	36,709	801,260	153,499	332,817
1929-----	9,659,742	1,245,868	76,799	71,233	30,540	639,164	140,116	288,016
1939-----	9,527,306	1,121,152	82,184	61,224	24,084	549,550	122,671	281,439
1947-----	14,294,304	1,474,684	100,181	74,752	34,872	718,441	146,850	399,588
Index (1899=100)								
1899-----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1909-----	144.6	132.4	116.2	117.9	122.1	136.6	131.1	136.3
1919-----	202.8	168.2	131.6	127.3	122.9	172.9	166.4	196.9
1929-----	199.2	138.8	105.2	102.2	102.2	137.9	151.9	170.4
1939-----	196.4	124.9	112.6	87.8	80.6	118.6	133.0	166.5
1947-----	294.7	164.3	137.2	107.2	116.7	155.0	169.2	236.5

## PRODUCTION WORKERS

[Average for the year]

Year	United States	New England	Maine	New Hampshire	Vermont	Massachusetts	Rhode Island	Connecticut
Number								
1899-----	4,501,919	851,903	69,914	67,646	28,179	438,234	88,197	159,733
1909-----	6,261,736	1,101,290	79,955	78,658	33,788	584,559	113,538	210,792
1919-----	8,464,916	1,347,531	88,251	82,917	33,194	712,254	139,316	291,599
1929-----	8,369,705	1,098,514	70,159	65,511	27,421	557,494	126,068	251,861
1939-----	7,808,205	947,412	74,040	55,434	20,498	458,372	106,089	232,979
1947-----	11,916,188	1,248,325	90,378	66,448	30,239	601,603	128,130	331,527
Index (1899=100)								
1899-----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1909-----	139.1	129.3	114.4	116.3	119.9	133.4	128.7	132.0
1919-----	188.0	158.2	126.2	122.6	117.8	162.5	158.0	182.6
1929-----	185.9	128.9	100.3	96.8	97.3	127.2	142.9	157.7
1939-----	173.4	111.2	105.9	81.9	72.7	104.6	120.3	145.9
1947-----	264.7	146.5	129.3	98.2	107.3	137.3	145.3	207.5

See footnotes at end of table, p. 68.

## E. MANUFACTURING—Continued

3. Trends in total manufacturing, 1899-1947<sup>1</sup>—Continued

## VALUE ADDED BY MANUFACTURE

Year	United States	New England	Maine	New Hampshire	Vermont	Massachusetts	Rhode Island	Connecticut
Amount (In thousands of dollars)								
1899.....	4,646,981	756,311	51,749	47,427	25,130	408,971	77,599	145,435
1909.....	8,160,075	1,193,787	78,928	66,424	33,487	659,764	122,152	233,012
1919.....	23,841,624	3,221,328	201,444	167,329	71,788	1,746,539	330,590	703,638
1929.....	30,591,435	3,239,798	174,385	147,132	77,260	1,710,729	324,078	806,214
1939.....	24,487,304	2,414,268	150,588	104,453	49,741	1,181,465	237,698	690,323
1947.....	74,425,825	6,813,800	432,123	306,932	149,685	3,370,094	658,420	1,896,546
Index (1899=100)								
1899.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1909.....	175.6	157.8	152.5	140.1	133.3	161.3	157.4	160.2
1919.....	513.1	425.9	389.3	352.8	285.7	427.1	426.0	483.8
1929.....	658.3	428.4	337.0	310.2	307.4	418.3	417.6	554.3
1939.....	526.9	319.2	291.0	220.2	197.9	288.9	306.3	474.7
1947.....	1,601.6	900.9	835.0	647.2	595.6	824.0	848.5	1,304.0

<sup>1</sup> Differences in the levels of manufacturing employment in 1939 and 1947 as estimated by the Bureau of Labor Statistics (tables C) and by the Bureau of the Census (tables E) are attributable largely to differences in the definition of manufacturing and in the classification of establishments, administrative offices, and auxiliary units.

Source: 1947 Census of Manufacture, Final State Reports (MC100 Series). National series were revised to exclude industries that are no longer counted as manufacturing. Similar adjustments could not be made in the State series, because data were not available for many of these industries on a State basis. The sum of the State and regional figures is therefore not equal to the United States totals.

State figures for 1939 and 1947 exclude, whereas earlier figures include, data for "Railroad repair shops," "Manufactured gas," and a few minor industries. Similarly, dates after 1919 exclude figures on the "Automobile repairing" industry, and "Motion pictures" were excluded from manufacturing after 1931. For these reasons the State figures for 1939 and 1947 are not completely comparable to those for earlier years.

The minimum size for establishments to be enumerated has varied from one census to another. The chief resulting lack of comparability is seen in data on number of establishments. In 1919 and previously, establishments producing a total value of \$500 or more during the year were included. For the period 1921-1939 the lower limit was set at \$5,000. The result was to exclude after 1919 a large number of small establishments, but no large amount of employment or of production. If the \$5,000 limit had been in effect in 1919 some 23 percent of the establishments (those producing between \$500 and \$5,000 worth of manufactures per year) would have been omitted, but only about 1/4 of 1 percent of the production workers or the value added by manufacture. For the 1947 census, all establishments that employed at least 1 person at any time during the year were included.

## F. CONSTRUCTION

## 1. New construction activity

(In millions of dollars)

## MAINE

Year	Total	Private				Public			
		Total <sup>1</sup>	Residential building (excluding farm)	Non-residential building	Public utility	Total	Non-residential building	Highway	Other <sup>2</sup>
1939	22.7	12.2	4.2	2.7	3.9	10.5	2.7	6.4	1.4
1940	30.4	20.9	7.4	3.5	8.5	9.5	1.6	5.3	2.6
1941	48.8	28.5	11.3	9.8	5.5	20.3	8.0	4.8	7.5
1942	55.0	15.2	6.1	4.7	3.1	39.8	14.4	2.5	22.9
1943	54.5	10.2	4.9	1.7	2.0	44.3	7.7	1.3	35.3
1944	15.8	8.3	1.3	1.4	4.3	7.5	.5	1.0	6.0
1945	13.8	7.7	.8	2.8	2.9	6.1	1.6	1.0	3.5
1946	34.3	23.0	4.8	11.8	4.3	11.3	1.3	8.0	2.0
1947	58.1	32.9	10.9	9.7	8.9	25.2	2.4	18.4	4.4
1948				10.3	12.0	25.0	2.5	8.8	13.7
First quarter, 1948				2.7	2.2	3.2	.3	.5	2.4
Second quarter, 1948				2.4	3.0	5.7	.3	2.2	3.2
Third quarter, 1948				2.6	3.5	8.6	.8	3.9	3.9
First quarter, 1949						3.5	1.2	.4	1.9
Second quarter, 1949						6.0	1.5	2.9	1.6
Third quarter, 1949						7.7	1.5	5.3	.9

## NEW HAMPSHIRE

1939	20.6	12.0	4.6	2.7	4.0	8.6	3.3	3.6	1.7
1940	25.6	13.8	5.7	3.0	4.4	11.8	3.1	3.8	4.9
1941	53.5	18.8	7.3	5.7	5.1	34.7	9.1	3.7	21.9
1942	37.5	7.8	1.8	2.4	3.0	29.7	15.9	2.1	11.7
1943	28.4	3.6	.1	.3	2.6	24.8	2.5	.5	21.8
1944	8.9	6.3	( <sup>1</sup> )	.4	5.4	2.6	.9	.3	1.1
1945	11.0	8.4	.5	1.6	5.9	2.6	.5	1.0	1.4
1946	29.6	23.1	5.4	10.6	6.4	6.5	.8	2.5	3.2
1947	32.8	26.2	10.7	7.2	7.2	6.6	1.3	4.0	1.3
1948				6.9	11.4	10.2	2.9	5.6	1.7
First quarter, 1948				1.5	1.9	.9	.3	.3	.3
Second quarter, 1948				1.5	2.8	1.9	.4	1.2	.3
Third quarter, 1948				1.8	3.6	3.9	1.0	2.3	.6
First quarter, 1949						2.7	1.4	.5	.8
Second quarter, 1949						6.2	1.7	2.9	1.6
Third quarter, 1949						6.9	2.0	3.1	1.8

## VERMONT

1939	11.2	6.6	2.3	1.8	1.4	4.6	1.4	2.8	0.4
1940	13.9	9.1	3.6	2.4	1.9	4.8	.8	3.2	.8
1941	18.4	11.5	4.8	2.7	2.5	6.9	1.7	3.1	2.1
1942	8.9	4.3	1.0	.7	1.4	4.6	.7	1.3	2.6
1943	6.0	2.6	.1	.2	1.1	3.4	.9	.6	1.9
1944	3.9	2.9	.1	.3	1.7	1.0	.3	.4	.3
1945	5.3	4.1	.1	1.1	2.2	1.2	.2	.6	.4
1946	14.9	10.9	1.9	3.9	3.8	4.0	.1	2.0	1.9
1947	22.5	15.6	4.9	3.4	5.1	6.9	1.8	3.6	1.5
1948				6.4	7.8	11.3	3.5	4.0	3.8
First quarter, 1948				1.0	1.3	.9	.5	.2	.2
Second quarter, 1948				1.5	2.0	2.5	.8	1.0	.7
Third quarter, 1948				2.2	2.4	4.3	1.0	1.8	1.6
First quarter, 1949						1.3	.8	.1	.4
Second quarter, 1949						2.7	.6	1.3	.8
Third quarter, 1949						3.0	.5	2.1	.4

See footnotes at end of table, p. 70.

## F. CONSTRUCTION—Continued

## 1. New construction activity—Continued

[Millions of dollars]

## MASSACHUSETTS

Year	Total	Private				Public			
		Total <sup>1</sup>	Residential building (excluding farm)	Non-residential building	Public utility	Total	Non-residential building	Highway	Other <sup>2</sup>
1939	169.4	98.8	49.3	26.6	20.7	70.6	28.9	19.1	22.6
1940	191.1	113.2	56.8	33.7	20.4	77.9	17.2	15.1	45.6
1941	273.9	138.4	67.5	48.1	20.0	135.5	48.3	16.5	70.7
1942	256.8	66.2	29.1	18.4	16.5	190.6	93.6	7.6	89.4
1943	103.4	34.7	9.1	6.5	17.0	68.7	30.6	3.8	34.3
1944	54.5	26.0	2.3	9.4	12.7	28.5	11.2	4.3	13.0
1945	99.8	62.1	11.3	25.6	23.9	37.7	13.0	7.5	17.2
1946	268.3	213.2	76.6	92.8	41.2	55.1	8.3	14.2	32.6
1947	375.2	311.1	139.7	114.5	53.5	64.1	11.1	27.9	25.1
1948	465.3	370.0	196.2	93.0	77.5	95.3	22.7	33.0	39.6
First quarter, 1948	82.9	71.7	34.5	22.9	14.0	11.2	2.8	2.5	5.9
Second quarter, 1948	109.1	84.3	42.7	20.8	16.8	24.8	4.8	10.1	9.9
Third quarter, 1948	142.8	115.8	63.3	24.8	23.2	30.0	7.1	11.6	11.3
First quarter, 1949	93.2	69.3	35.0	20.1	13.9	23.9	7.2	5.6	11.1
Second quarter, 1949	113.1	77.3	40.4	17.9	18.2	35.8	8.8	11.1	15.9
Third quarter, 1949 <sup>3</sup>	136.0	89.6	50.4	17.5	20.4	46.4	9.7	18.3	18.4

## RHODE ISLAND

1939	33.4	19.2	10.3	5.0	3.6	14.2	5.6	2.9	5.7
1940	49.1	24.2	11.7	9.7	2.5	24.9	5.5	3.0	16.4
1941	71.2	26.1	11.0	10.6	4.2	45.1	4.3	2.1	38.7
1942	93.5	15.1	5.2	7.4	2.2	78.4	19.2	2.0	57.2
1943	55.7	5.2	.8	2.8	1.4	50.5	22.8	1.1	26.6
1944	47.1	5.0	.2	2.9	1.7	42.1	3.4	1.6	37.1
1945	28.2	10.9	3.7	4.4	2.6	17.3	1.9	1.9	13.5
1946	37.1	32.5	14.3	12.5	5.4	4.6	1.2	1.4	2.0
1947	63.6	54.9	30.4	12.6	11.5	8.7	4.6	1.9	2.2
1948	81.3	66.1	34.6	16.5	14.6	15.2	4.7	6.6	3.9
First quarter, 1948	14.5	12.4	6.3	3.5	2.6	2.1	1.3	.2	.6
Second quarter, 1948	19.1	15.3	7.7	3.8	3.7	3.8	1.0	1.9	.9
Third quarter, 1948	24.7	20.1	10.8	4.7	4.4	4.6	1.1	2.4	1.1
First quarter, 1949	16.1	12.9	6.6	3.7	2.6	3.2	1.3	.7	1.2
Second quarter, 1949	18.4	13.9	7.1	3.4	3.3	4.5	1.0	1.4	2.1
Third quarter, 1949 <sup>3</sup>	21.8	16.7	8.9	3.9	3.7	5.1	1.3	1.6	2.2

## CONNECTICUT

1939	106.6	66.9	35.1	18.5	11.7	39.7	16.3	15.2	8.2
1940	116.2	75.3	46.2	18.2	9.2	40.9	9.1	15.2	16.6
1941	169.2	96.4	57.3	24.4	12.6	72.8	15.7	16.5	40.6
1942	146.8	54.2	32.6	9.3	10.7	92.6	39.8	17.7	35.1
1943	80.9	30.0	17.2	3.6	7.7	50.9	13.7	8.1	29.1
1944	34.9	20.3	6.8	5.3	7.0	14.6	3.5	4.0	7.1
1945	47.4	32.6	4.0	19.8	7.9	14.8	6.5	4.6	3.7
1946	133.8	105.7	25.0	55.9	22.8	28.1	6.2	11.3	10.6
1947	174.1	133.5	50.5	55.1	24.5	40.6	5.4	26.7	8.5
1948	-----	-----	-----	58.8	34.6	49.9	18.6	21.1	10.2
First quarter, 1948	-----	-----	-----	14.6	6.7	6.2	2.9	1.7	1.6
Second quarter, 1948	-----	-----	-----	13.6	9.0	11.4	4.2	5.1	2.1
Third quarter, 1948	-----	-----	-----	15.4	9.9	17.0	5.7	8.7	2.6
First quarter, 1949	-----	-----	-----	-----	-----	11.5	5.1	1.9	4.5
Second quarter, 1949 <sup>3</sup>	-----	-----	-----	-----	-----	18.2	5.6	6.1	6.5
Third quarter, 1949 <sup>3</sup>	-----	-----	-----	-----	-----	21.7	5.8	7.3	8.6

<sup>1</sup> Includes farm construction.<sup>2</sup> Includes residential building, military and naval, miscellaneous public-service enterprises, conservation and development, sewer and water, and all other public construction.<sup>3</sup> Third quarter figures are preliminary.<sup>4</sup> Less than 0.05 million dollars.

Source: U. S. Department of Commerce.

## F. CONSTRUCTION—Continued

2. Building construction in large cities, 1921-49<sup>1</sup>

[In thousands of dollars]

Year	Boston	Cambridge	Fall River	Lowell	New Bedford	Somerville	Springfield	Worcester	Providence	Bridgeport	Hartford	New Haven
1921	24,058	1,634	1,604	1,452	5,817	1,838	5,670	6,494	13,647	3,107	6,993	6,388
1922	57,497	4,432	5,044	1,395	6,885	3,853	9,254	8,137	15,070	2,103	9,560	9,603
1923	40,676	5,513	5,274	4,024	8,551	3,185	10,973	11,149	22,472	3,808	11,364	12,739
1924	53,032	8,285	4,451	1,577	6,925	3,306	13,100	14,768	29,302	2,981	18,126	8,376
1925	70,718	11,711	3,796	2,624	8,297	5,653	1,500	18,089	23,196	3,719	21,804	8,075
1926	51,484	8,270	2,156	1,578	2,269	5,066	8,734	12,985	23,188	3,458	16,217	10,467
1927	60,987	9,557	1,841	971	2,167	3,386	8,906	8,815	23,133	5,187	17,530	11,741
1928	55,699	8,084	2,836	942	1,095	1,424	8,977	7,260	16,004	3,527	11,278	8,798
1929	53,834	12,166	792	704	789	3,076	5,095	7,251	14,943	4,242	16,144	12,762
1930	26,906	11,063	1,189	1,147	982	1,380	5,703	6,341	10,742	2,618	6,365	15,924
1931	33,968	4,991	697	627	471	980	2,948	5,502	7,913	2,753	4,847	9,491
1932	11,695	1,977	447	167	194	566	1,021	1,583	2,189	1,249	2,068	2,449
1933	7,562	1,321	183	251	233	234	747	1,162	2,325	566	864	1,910
1934	10,374	695	282	288	336	252	988	1,718	1,956	679	2,121	2,067
1935	18,244	845	195	370	439	817	939	2,130	2,663	1,153	2,635	1,079
1936	17,832	2,939	312	553	361	538	1,300	1,960	5,085	1,591	3,045	1,272
1937	21,947	3,600	569	720	780	431	2,807	3,426	3,028	2,555	6,200	3,998
1938	15,133	3,221	680	424	517	259	2,371	3,426	4,726	1,489	3,971	2,994
1939	20,402	2,978	1,850	2,425	864	363	3,559	3,550	3,536	6,260	3,713	3,917
1940	19,349	1,964	1,655	636	2,635	563	2,736	3,821	3,817	5,041	8,642	4,715
1947	31,577	9,331	1,788	1,871	2,166	2,606	11,220	8,043	8,636	6,447	10,171	7,774
1948	54,987	8,997	2,260	1,140	2,124	1,191	9,905	9,992	11,853	7,242	13,941	11,112
1949	43,374	14,579	3,001	5,306	3,948	3,088	9,294	6,980	10,222	4,015	12,200	7,558

<sup>1</sup> Value of permits issued and Federal construction contracts awarded for building construction in cities having a 1940 population of 100,000 or more; covers all classes of building, including additions, alterations, and repairs; covers only construction within official city limits, and does not include suburban developments outside of corporate limits.

Source: U. S. Department of Labor, Bureau of Labor Statistics.

## F. CONSTRUCTION—Continued

3. Number of new dwelling units authorized in urban areas, 1921-49<sup>1</sup>

	1921	1922	1923	1924	1925	1926	1927	1928
New England.....								
Maine.....								
New Hampshire.....								
Vermont.....								
Massachusetts.....								
Boston.....	878	3,424	3,577	4,682	5,940	3,882	5,316	6,805
Cambridge.....	43	237	268	602	845	688	636	863
Fall River.....	141	505	664	526	607	232	251	110
Lowell.....	259	210	526	259	317	145	79	50
New Bedford.....	522	880	1,196	790	1,027	135	151	42
Somerville.....	204	401	347	425	568	352	399	199
Springfield.....	827	1,723	1,589	2,018	1,944	1,329	1,240	647
Worcester.....	715	820	1,032	1,654	1,741	1,465	795	474
Rhode Island.....								
Providence.....	566	1,135	1,307	1,243	1,422	1,205	1,188	1,134
Connecticut.....								
Bridgeport.....	404	250	160	287	274	328	497	388
Hartford.....	717	1,148	1,650	2,331	2,628	2,676	1,270	1,363
New Haven.....	444	747	865	933	1,191	1,458	497	546
	1929	1930	1931	1932	1933	1934	1935	1936
New England.....								
Maine.....								
New Hampshire.....								
Vermont.....								
Massachusetts.....								
Boston.....	3,327	1,415	1,796	344	314	153	157	1,339
Cambridge.....	788	159	137	52	9	6	10	309
Fall River.....	48	33	9	7	10	8	12	12
Lowell.....	37	42	41	16	18	10	9	22
New Bedford.....	18	15	14	5	4	7	1	7
Somerville.....	286	49	51	3	4	1	2	3
Springfield.....	466	284	192	78	40	20	47	118
Worcester.....	379	294	225	133	90	110	102	198
Rhode Island.....								
Providence.....	842	446	282	108	54	60	102	168
Connecticut.....								
Bridgeport.....	541	353	449	166	98	39	96	127
Hartford.....	281	61	116	51	15	20	38	194
New Haven.....	276	238	166	73	26	24	31	60
	1937	1938	1939	1940	1947	1948	1949	
New England.....								
Maine.....					21,463	23,792	29,536	34,232
New Hampshire.....					684	1,116	1,311	983
Vermont.....					655	1,224	1,550	1,247
Massachusetts.....					230	246	251	186
Boston.....		784	561	3,669	10,058	13,697	16,926	22,741
Cambridge.....		122	71	29	973	890	1,642	1,630
Fall River.....		27	32	408	315	57	91	810
Lowell.....		16	11	574	316	118	130	299
New Bedford.....		18	19	18	26	82	130	391
Somerville.....		2	1	1	432	126	151	336
Springfield.....		169	165	204	4	69	3	174
Worcester.....		236	228	309	251	574	859	665
Rhode Island.....					418	563	748	493
Providence.....		152	161	199	2,324	2,721	3,372	3,272
Connecticut.....					262	178	454	267
Bridgeport.....		164	193	1,588	7,512	4,788	6,126	5,823
Hartford.....		106	123	328	948	479	352	222
New Haven.....		68	84	89	892	207	670	547
					793	338	577	247

<sup>1</sup> Based on building permits issued, Federal contracts awarded, and State and local public housing started. Attention is directed to the fact that this tabulation pertains only to building authorized within urban places. Urban as defined by the Bureau of the Census covers incorporated places of 2,500 population or more in 1940 and, by special rule, a small number of unincorporated civil divisions. Building outside these city limits is excluded, even when it is located in populous suburban areas that may be an integral part of a city's economic and social life. These data do not represent the volume of housing actually started during the years shown, because adjustment has not been made for lapsed building permits, nor for lag between permit issuance or contract award dates and the start of construction.

Source: Bureau of Labor Statistics. State estimates are not available prior to 1940.

## G. AGRICULTURE

## 1. Number of farms

State	Number (in thousands)					Percent change, 1910-45 <sup>1</sup>	
	1910	1920	1930	1940	1945	Number of farms	Land in farms
United States.....	6,362	6,448	6,289	6,097	5,859	-7.9	29.9
New England.....	189	157	125	135	150	-20.6	-26.5
Maine.....	60	48	39	39	42	-30.0	-26.7
New Hampshire.....	27	21	15	17	19	-29.6	-37.9
Vermont.....	33	29	25	24	26	-21.2	-15.7
Massachusetts.....	37	32	26	32	37	0	-27.7
Rhode Island.....	5	4	3	3	4	-20.0	-40.3
Connecticut.....	27	23	17	21	22	-18.5	-27.1

<sup>1</sup> Increase, unless otherwise indicated.

Source: U. S. Census of Agriculture.

## 2. Value of farm real estate

State	Average value of farm land and improvements per acre, as of Mar. 1 (1912-14=100)					
	1915	1920	1930	1940	1947	1949
United States.....	103	170	115	84	159	175
New England:						
Maine.....	96	142	124	95	134	147
New Hampshire.....	101	129	111	94	136	144
Vermont.....	104	150	123	101	166	185
Massachusetts.....	98	140	131	113	145	159
Rhode Island.....	102	130	134	120	174	191
Connecticut.....	100	137	140	124	186	195

Source: U. S. Department of Agriculture, Current Developments in the Farm Real Estate Market, September 1949.



## G. AGRICULTURE—Continued

## 3. Chief agricultural products, 1929, 1939, 1948, as shown by cash receipts from farm marketings

## MAINE

Product	Receipts (in thousands of dollars)			Percent		
	1929	1939	1948	1929	1939	1948
Total crops and livestock.....	73,416	51,975	211,995	100.0	100.0	100.0
Dairy products.....	15,290	11,925	29,020	20.8	22.9	13.7
Potatoes.....	33,086	20,438	104,687	45.1	39.3	49.4
Other products.....	25,040	19,612	78,338	34.1	37.8	36.9

## NEW HAMPSHIRE

Total crops and livestock.....	25,987	23,078	69,234	100.0	100.0	100.0
Dairy products.....	10,601	7,629	18,912	40.8	33.1	27.3
Eggs.....	4,187	4,981	17,922	16.1	21.6	25.9
Forest products <sup>1</sup> .....	2,011	2,482	5,957	7.7	10.8	8.6
Other products.....	9,188	7,986	26,443	35.4	34.5	38.2

<sup>1</sup> Farm sales of such items as firewood, standing timber, logs, posts, turpentine, resin, maple sugar, and sirup, etc.

## VERMONT

Total crops and livestock.....	50,626	39,985	129,360	100.0	100.0	100.0
Dairy products.....	31,879	24,263	78,452	63.0	60.7	60.6
Cattle, calves.....	5,041	3,881	13,825	10.0	9.7	10.7
Other products.....	13,706	11,841	37,083	27.0	29.6	28.7

## MASSACHUSETTS

Total crops and livestock.....	83,167	77,482	206,439	100.0	100.0	100.0
Dairy products.....	26,833	23,849	47,064	32.3	30.8	22.8
Eggs.....	9,138	11,729	41,221	11.0	15.1	20.0
Chickens.....	5,544	5,295	20,205	6.7	6.8	9.8
Tobacco.....	3,529	2,545	20,467	4.2	3.3	9.9
Other products.....	38,123	34,064	77,482	45.8	44.0	37.5

## RHODE ISLAND

Total crops and livestock.....	11,035	9,723	24,405	100.0	100.0	100.0
Dairy products.....	4,589	3,826	8,671	41.6	39.3	35.5
Eggs.....	1,339	1,194	4,502	12.1	12.3	18.4
Truck crops.....	635	1,114	1,535	5.8	11.5	6.3
Other products.....	4,472	3,589	9,697	40.5	36.9	39.8

## CONNECTICUT

Total crops and livestock.....	59,415	56,273	183,573	100.0	100.0	100.0
Dairy products.....	21,310	19,027	41,909	35.9	33.8	22.8
Eggs.....	7,056	7,098	26,202	11.9	12.6	14.3
Tobacco.....	10,498	7,789	53,743	17.7	13.8	29.3
Other products.....	20,551	22,359	61,719	34.5	39.8	33.6

Source: U. S. Department of Agriculture, Bureau of Agricultural Economics. 1929 and 1939, from Cash Receipts From Farming by States and Commodities, Calendar Years 1924-44. 1948, from Farm Income Situation, June 1949.

## G. AGRICULTURE

## 4. Farm wage rates

State	Composite rate per month <sup>1</sup>				Percent of United States average			
	1919	1929	1939	1948	1919	1929	1939	1948
United States.....	\$51.13	\$44.52	\$30.56	\$107	100.0	100.0	100.0	100.0
New England:								
Maine.....	59.90	58.60	40.80	117	117.2	131.6	133.5	109.3
New Hampshire.....	54.90	64.20	48.70	129	107.4	144.2	159.4	120.6
Vermont.....	53.30	61.70	41.00	129	104.2	138.6	134.2	120.6
Massachusetts.....	55.00	68.60	49.70	133	107.6	154.1	162.6	124.3
Rhode Island.....	55.00	71.30	51.80	134	107.6	160.2	169.5	125.2
Connecticut.....	54.50	71.50	51.70	134	106.6	160.6	169.2	125.2

<sup>1</sup> Composite is a weighted average of monthly and daily wage rates with and without board.

Source: U. S. Department of Agriculture, Farm Labor.

## H. TIMBER RESOURCES AND LUMBER CUT

State	Estimated volume of standing saw timber on commercial forest land, 1945		Lumber sawed				
			Million board feet		Percent change, 1942-47 <sup>1</sup>	Percent of United States total	
	Million board feet A	Percent of United States total B	1942	1947		E	1942
			C	D	F		G
United States.....	1,600,972	100.00	36,332	35,404	-2.6	100.0	100.0
New England.....	58,197	3.63	1,035	1,141	10.2	2.8	3.2
Maine.....	36,787	2.30	396	459	16.1	1.1	1.3
New Hampshire.....	7,610	.47	361	323	-10.8	1.0	.9
Vermont.....	7,335	.46	152	204	33.9	.4	.6
Massachusetts.....	4,670	.29	103	132	28.3	.3	.4
Rhode Island.....	153	.01	5	3	-40.0	( <sup>2</sup> )	( <sup>2</sup> )
Connecticut.....	1,642	.10	18	20	15.7	( <sup>2</sup> )	.1

<sup>1</sup> Increase, unless otherwise indicated.

<sup>2</sup> Less than .05 percent.

Source: Columns A and B, Agricultural Statistics, 1948. Columns C and D, 1947 Census of Manufactures, pamphlet MC 24A.

## J. MINERALS

## 1. Value of mineral production, 1940 and 1948

State	Amount (in thousands of dollars)		Percent of United States total	
	1940	1948	1940	1948
United States <sup>1</sup> .....	5,613,900	15,670,000	100.0	100.0
New England.....	24,902	48,385	.6	.4
Maine.....	4,375	8,482	.1	.1
New Hampshire.....	1,065	1,732	( <sup>2</sup> )	( <sup>2</sup> )
Vermont.....	6,980	16,132	.2	.1
Massachusetts.....	7,573	13,844	.2	.1
Rhode Island.....	995	1,450	( <sup>2</sup> )	( <sup>2</sup> )
Connecticut.....	3,914	6,745	.1	.1

<sup>1</sup> The United States figure is greater than the sum of State figures, principally because it includes: pig iron, ferro-alloy metals, and aluminum valued at the smelter, instead of ore at the mine; natural gas valued at points of consumption rather than at wells; and the mineral production of Alaska and insular territories.

<sup>2</sup> Less than 0.05 percent.

Source: U. S. Department of the Interior, Bureau of Mines.

## K. INCOME PAYMENTS TO INDIVIDUALS

## 1. Total income payments

State	Amount (in millions of dollars)			Percent change <sup>1</sup>			Percent of United States total		
	1929	1940	1948	1929-40	1940-48	1929-48	1929	1940	1948
United States.....	82,617	75,852	206,011	-8	172	149	100.00	100.00	100.00
New England.....	6,792	6,124	13,742	-10	124	102	8.22	8.07	6.68
Maine.....	449	431	1,094	-4	154	144	.54	.57	.53
New Hampshire.....	302	269	659	-11	145	118	.37	.35	.32
Vermont.....	216	187	446	-13	139	106	.26	.25	.22
Massachusetts.....	3,787	3,309	6,997	-13	111	85	4.58	4.36	3.40
Rhode Island.....	579	511	1,165	-12	128	101	.70	.67	.57
Connecticut.....	1,459	1,417	3,381	-3	139	132	1.77	1.87	1.64

<sup>1</sup> Increase, unless otherwise indicated.

Source: U. S. Department of Commerce, National Income Division. For definitions of income payments and major components see State Income Payments in 1948, in U. S. Department of Commerce Survey of Current Business, August 1949.

## 2. Per capita income payments

State	Amount (in dollars)			Percent change <sup>1</sup>			Percent of United States average		
	1929	1940	1948	1929-40	1940-48	1929-48	1929	1940	1948
United States.....	\$680	\$575	\$1,410	-15	145	107	100	100	100
New England.....	838	725	1,501	-13	107	79	123	126	106
Maine.....	566	509	1,219	-10	139	115	83	89	86
New Hampshire.....	652	546	1,261	-16	131	93	96	95	89
Vermont.....	601	521	1,229	-13	136	104	88	91	87
Massachusetts.....	897	766	1,509	-15	97	68	132	133	107
Rhode Island.....	851	715	1,564	-16	119	84	125	124	111
Connecticut.....	918	827	1,700	-10	106	85	135	144	121

<sup>1</sup> Increase, unless otherwise indicated.

Source: U. S. Department of Commerce, National Income Division. For definitions of income payments and major components see State Income Payments in 1948, in U. S. Department of Commerce Survey of Current Business, August 1949.

## K. INCOME PAYMENTS TO INDIVIDUALS—Continued

## 3 (a). Components of income payments

[Components as percentage of State total]

State	Total	Agricultural income	Manufacturing pay rolls	Trade and service income	Government income payments	All other
1929						
United States.....	100.0	8.4	19.7	24.4	7.3	40.2
New England.....	100.0	2.5	27.2	22.3	7.3	40.7
Maine.....	100.0	10.3	20.1	23.3	8.1	38.2
New Hampshire.....	100.0	4.0	30.3	20.6	8.8	36.3
Vermont.....	100.0	14.1	21.7	22.0	8.2	34.0
Massachusetts.....	100.0	1.1	25.8	23.7	7.6	41.8
Rhode Island.....	100.0	.9	33.6	20.9	7.0	37.6
Connecticut.....	100.0	2.2	30.7	19.3	5.8	42.0
1940						
United States.....	100.0	7.2	20.3	25.2	12.4	34.9
New England.....	100.0	2.0	26.7	23.4	11.8	36.1
Maine.....	100.0	6.0	23.3	23.5	14.2	33.0
New Hampshire.....	100.0	2.7	26.8	23.5	14.2	32.8
Vermont.....	100.0	10.5	18.8	23.3	11.9	35.5
Massachusetts.....	100.0	1.1	23.8	24.5	12.7	37.9
Rhode Island.....	100.0	.8	30.6	21.8	12.5	34.3
Connecticut.....	100.0	2.0	34.0	21.3	8.4	34.3
1948						
United States.....	100.0	10.2	22.4	27.0	13.9	26.5
New England.....	100.0	3.2	31.9	25.6	13.5	25.8
Maine.....	100.0	10.2	26.5	24.5	15.2	23.6
New Hampshire.....	100.0	4.9	31.5	25.4	13.4	24.8
Vermont.....	100.0	15.4	22.2	24.9	12.8	24.7
Massachusetts.....	100.0	1.6	30.2	27.3	14.7	26.2
Rhode Island.....	100.0	.9	35.7	24.6	15.2	23.6
Connecticut.....	100.0	3.0	37.1	22.9	9.9	27.1

Source: U. S. Department of Commerce, National Income Division. For definitions of income payments and major components see State Income Payments in 1948, in U. S. Department of Commerce Survey of Current Business, August 1949.

K 3 (b). Components of income payments<sup>1</sup>

[Components as percentage of State total]

State	Agricultural income			Manufacturing pay rolls			Trade and service income			Government income payments			All other		
	1929	1940	1948	1929	1940	1948	1929	1940	1948	1929	1940	1948	1929	1940	1948
United States.....	8.4	7.2	10.2	19.7	20.3	22.4	24.4	25.2	27.0	7.3	12.4	13.9	40.2	34.9	26.5
New England.....	2.5	2.0	3.2	27.2	26.7	31.9	22.3	23.4	25.6	7.3	11.8	13.5	40.7	36.1	25.8
Maine.....	10.3	6.0	10.2	20.1	23.3	26.5	23.3	23.5	24.5	8.1	14.2	15.2	38.2	33.0	23.6
New Hampshire.....	4.0	2.7	4.9	30.3	26.8	31.5	20.6	23.5	25.4	8.8	14.2	13.4	36.3	32.8	24.8
Vermont.....	14.1	10.5	15.4	21.7	18.8	22.2	22.0	23.3	24.9	8.2	11.9	12.8	34.0	35.5	24.7
Massachusetts.....	1.1	1.1	1.6	25.8	23.8	30.2	23.7	24.5	27.3	7.6	12.7	14.7	41.8	37.9	26.2
Rhode Island.....	.9	.8	.9	33.6	30.6	35.7	20.9	21.8	24.6	7.0	12.5	15.2	37.6	34.3	23.6
Connecticut.....	2.2	2.0	3.0	30.7	34.0	37.1	19.3	21.3	22.9	5.8	8.4	9.9	42.0	34.3	27.1

<sup>1</sup> Same data as in table K 3 (a), rearranged to emphasize year-to-year change.

Source: U. S. Department of Commerce, National Income Division. For definitions of income payments and major components see State Income Payments in 1948, in U. S. Department of Commerce Survey of Current Business, August 1949.

## L. SELECTED ECONOMIC INDICATORS

## 1. Production of electric energy.

Year	United States	New England	Maine	New Hampshire	Vermont	Massachusetts	Rhode Island	Connecticut
Kilowatt-hours (in thousands)								
1920.....	39,404,639	2,604,591	205,099	93,107	192,920	1,332,832	270,806	509,827
1925.....	61,451,091	4,013,073	380,765	259,613	253,340	1,985,938	336,590	796,827
1930.....	91,111,548	5,691,744	554,321	366,627	460,854	2,564,742	546,619	1,198,581
1935.....	95,287,390	6,318,772	725,516	680,823	509,874	2,643,332	512,354	1,246,873
1940.....	141,837,010	8,556,458	923,242	736,830	541,569	3,418,207	834,609	2,102,001
1945.....	222,486,283	11,604,841	1,348,857	1,038,243	831,810	4,576,536	918,868	3,090,527
1946.....	223,177,783	12,307,316	1,370,582	1,014,111	758,913	4,888,341	1,060,315	3,215,054
1947.....	255,738,984	13,345,558	1,451,250	1,041,903	724,353	5,415,824	1,156,545	3,555,683
1948.....	282,698,214	14,340,799	1,476,486	1,059,882	623,517	5,987,292	1,363,767	3,829,855
Index (1920=100)								
1920.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1925.....	155.9	154.1	185.6	278.8	131.3	149.0	124.3	156.3
1930.....	231.2	218.5	270.3	393.8	238.9	192.4	201.8	235.1
1935.....	241.8	242.6	353.7	731.2	264.3	198.3	189.2	244.6
1940.....	360.0	328.5	450.1	791.4	280.7	256.5	308.2	412.3
1945.....	564.6	453.2	657.7	1,115.1	431.2	343.4	339.3	606.2
1946.....	566.4	472.5	668.3	1,089.2	393.4	366.8	391.5	630.6
1947.....	649.0	512.4	707.6	1,119.0	375.5	406.3	427.1	697.4
1948.....	717.4	550.6	719.9	1,138.3	323.2	449.2	503.6	751.2

Source: Federal Power Commission.

## 2. Bank deposits

State	Millions of dollars				Percent of national total			
	1919	1929	1939	1948	1919	1929	1939	1948
United States.....	33,571	53,963	58,344	148,978	100.0	100.0	100.0	100.0
New England.....	3,834	6,491	6,443	12,096	11.4	12.0	11.0	8.1
Maine.....	254	396	324	682	.8	.7	.6	.5
New Hampshire.....	169	280	278	528	.5	.5	.5	.4
Vermont.....	145	242	168	327	.4	.4	.3	.2
Massachusetts.....	2,294	3,857	3,843	6,847	6.8	7.1	6.6	4.6
Rhode Island.....	293	498	491	987	.9	.9	.8	.7
Connecticut.....	679	1,218	1,339	2,727	2.0	2.3	2.3	1.8

Note.—1919 and 1929 figures as of end of June; 1939 and 1948 as of end of December. The earlier figures are not strictly comparable to those for later years, and are being revised by the Federal Reserve Board.

Source: Board of Governors of the Federal Reserve System.

## 3. Gross postal receipts

State	Amount (in thousands of dollars)			As percent of United States total			Receipts per capita of population		
	1930	1940	1948	1930	1940	1948	1930	1940	1948
United States.....	684,610	726,172	1,327,532	100.0	100.0	100.0	\$5.56	\$5.50	\$9.09
New England.....	51,374	54,023	91,515	7.5	7.4	6.9	6.28	6.41	10.00
Maine.....	3,912	3,925	5,852	.6	.5	.4	4.89	4.63	6.52
New Hampshire.....	2,286	2,718	4,510	.3	.4	.3	4.91	5.52	8.62
Vermont.....	1,703	1,846	2,713	.2	.3	.2	4.74	5.13	7.47
Massachusetts.....	29,627	29,796	50,461	4.3	4.1	3.8	6.97	6.91	10.88
Rhode Island.....	3,297	3,514	6,632	.5	.5	.5	4.81	4.94	8.90
Connecticut.....	10,550	12,224	21,347	1.5	1.7	1.6	6.54	7.16	10.73

Note.—Year covered is the fiscal year ending June 30.

Source: Annual reports of the Postmaster-General for 1930, 1940, and 1948.

L. SELECTED ECONOMIC INDICATORS—Continued

4. Revenue freight originated, class I steam railways, 1940 and 1948<sup>1</sup>

[In thousands of tons]

Region	Total		Products of agriculture		Animals and products		Products of mines		Products of forests		Manufactures and miscellaneous		Forwarder traffic <sup>2</sup>	
	1940	1948	1940	1948	1940	1948	1940	1948	1940	1948	1940	1948	1940	1948
United States.....	993,569.9	1,486,240.2	88,573.4	144,784.3	15,429.6	16,839.8	569,956.2	845,117.1	58,129.6	85,971.6	261,481.0	389,221.2	2,749.0	4,306.2
New England <sup>3</sup> .....	14,399.5	19,460.0	1,186.5	2,403.8	280.4	333.6	2,478.6	2,553.9	1,523.6	2,520.2	8,930.4	11,277.6	252.7	370.9

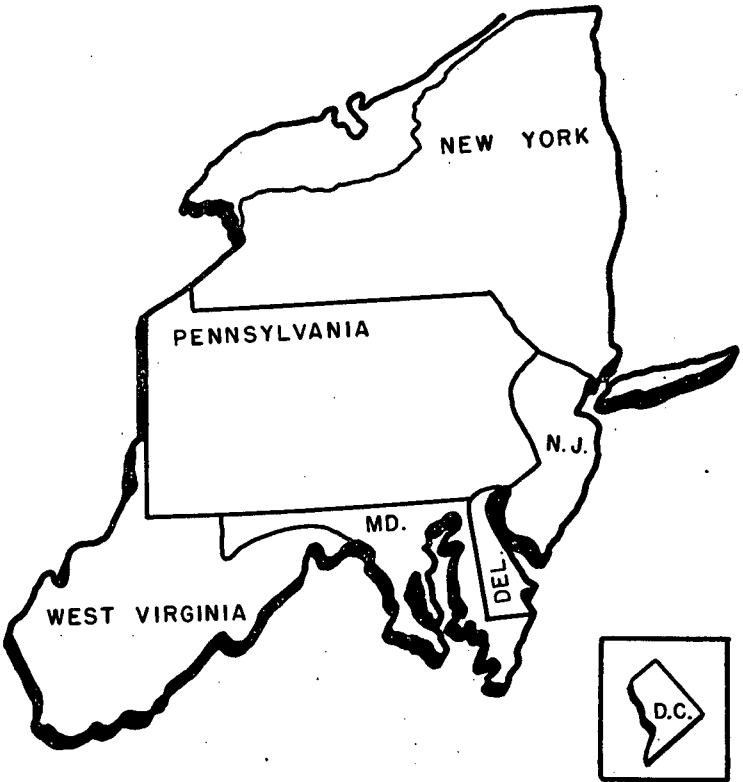
<sup>1</sup> Carload lots only. Less than carload lots are not included.

<sup>2</sup> The term "forwarder traffic" means freight traffic consigned by or to a forwarder, i. e., a company, firm, or individual recognized as engaged in the business of collecting and accumulating less-than-carload shipments into consolidated carloads without an ownership in the property so handled.

<sup>3</sup> Individual State data are not available for New England.

Source: Interstate Commerce Commission.

# MIDDLE ATLANTIC



UNITED STATES DEPARTMENT OF LABOR  
BUREAU OF LABOR STATISTICS

## CHAPTER 3. MIDDLE ATLANTIC

This region includes the following States: New York, New Jersey, Pennsylvania, Delaware, Maryland, District of Columbia, and West Virginia.

### *Area and population*

The Middle Atlantic region with its great cities is the most thickly settled part of the country. The density of the population is, in fact, five times the national average of 50 per square mile. In one-twentieth of the Nation's area, this region supports nearly one-fourth of the whole population (tables A 1 and B 1).

Despite the urban character of much of the region, half the land is classed as forest, and another third is cropland in farms (table A 2).

The population of the Middle Atlantic region has grown faster in some periods than that of the Nation, at other times more slowly. The net result is that the region's population forms about the same proportion of the national total that it did in 1900. Recent gains have been largely through an excess of births over deaths, but also from a net in-migration from outside the region. New Jersey received a large share of the in-migrants. West Virginia lost heavily to other States (tables B 1, 2, and 3).

The Middle Atlantic region in 1948 had a larger percent of its population in the working ages, 18 to 64, than any other region in the country. This percentage had risen since 1930, as had the proportion of persons aged 65 and over. There was a smaller number of children (table B 4).

Nearly three-fourths of the 1940 population of the region lived in urban areas. This represented an increase from the three-fifths urban population of 1900. In West Virginia, however, only about one-fourth of the 1940 population lived in cities (table B 6).

### *Nonagricultural employment*

Nonagricultural employment rose sharply in these States between 1939 and 1948, but in most of them the rise did not equal the 45-percent gain experienced by the country as a whole (table C 1 (a)).

In New York, nonagricultural employment rose by 40 percent or about 1.6 million; of this increase, 600,000 was in manufacturing. The rise in Pennsylvania also amounted to 40 percent, or 1,000,000, with nearly half of the rise occurring in manufacturing. The percentage increase in Maryland, where employment increased by 200,000, equaled the national rate of growth. The rise in New Jersey, on the other hand, was well below the national average, amounting to 32 percent, or nearly 400,000.

The sharp rise since 1939 in the number of factory jobs brought manufacturing employment in this area to a new high. However, the percentage increase since the turn of the century was smaller than in any other area except New England (table E 3 (b)). In the country as a whole, manufacturing employment rose by 200 percent between



1899 and 1947; in the Middle Atlantic region, the comparable rise was 130 percent. Only in New Jersey and West Virginia did the rate of gain exceed the national rate over this span of years.

The total number of nonagricultural employees in the region dropped between 1948 and 1949, with manufacturing accounting for most of the decline (tables C 1 and 2). Manufacturing in these States dropped about 10 percent from mid-1948 to mid-1949, compared with 8 percent in the country as a whole.

In New York, employment fell by 85,000 between the first half of 1948 and the first half of 1949, with a drop in manufacturing partially offset by a rise in Government employment. Similarly, employment dropped in New Jersey by about 50,000. In Pennsylvania and Maryland, the rise in nonmanufacturing activities was considerable, though not enough to counterbalance the drop in manufacturing employment. Delaware reported only small changes in the level of manufacturing employment.

Manufacturing accounts for a somewhat greater percentage of total nonfarm employment in this region than it does elsewhere. In the country as a whole, about 33 percent of the nonagricultural workers were in manufacturing, both in 1939 and a decade later. About the same ratio prevailed in New York and Maryland. In Pennsylvania, it was about 42 percent, and in New Jersey it was more than 45 percent.

In two States, New York and New Jersey, average weekly and hourly earnings of factory workers are well above the national average, but in two others, Pennsylvania and Delaware, the reverse is true. There are no data for the other States (table C 4).

#### *Unemployment*

In both 1948 and 1949, the rate of unemployment in this region, as measured by continued claims for unemployment insurance benefits under State laws, has not differed significantly from the average for the country as a whole (table D 2).

In the early spring of 1948, about 3.5 percent of the covered workers in this region were filing claims—about the same ratio as in the entire Nation. These ratios did not change significantly during 1948, but by March 1949 they had risen in each case to nearly 6 percent. Only in New York and New Jersey did the ratio exceed the national average; in all others, the ratio was well below the corresponding figure for the country as a whole.

The number of persons receiving at least one unemployment benefit payment in 1948 was down sharply from 1940 for the country as a whole but was only slightly lower in this region (table C 1). New Jersey, New York, and West Virginia showed very little change between the 2 years, but the Pennsylvania total was down sharply in 1948.

The average claimant in 1948 stayed on the rolls 11 weeks in this region, about the same as in the country as a whole (table D 4). In Maryland and West Virginia, however, the average duration was less than 8 weeks. About 20 percent of all those who received at least one payment in this region stayed on the rolls until their rights were exhausted; the national average was 27 percent. The ratio was lowest in Maryland, New York, and West Virginia, and highest in New Jersey, Delaware, and Pennsylvania.

### *Construction*

Following the national pattern, construction activity continued at an extremely high rate in 1949, maintaining the peak level of 1948 (table F 1). In two of the most important States, the dollar volume of total new construction activity in the first half of 1949 exceeded the comparable period of 1948.

Among the 21 largest cities in this region, however, 9 experienced substantial decreases in the volume of building construction undertaken in 1949 as compared with 1948 (table F 2).

The national dollar volume of urban building was more than three times as great in 1949 as in 1921. In this region, however, five large cities reported a smaller dollar volume in 1949 than in 1921.

The number of new dwelling units authorized in the urban areas of this region was about 40 percent greater in 1949 than in 1948; over the same period, the national total rose 9 percent (table F 3). The relatively sharp gain recorded in this region was due largely to a heavy volume of new residential building begun in the New York City area.

### *Agriculture*

The amount of land in farms in this region decreased by nearly 20 percent between 1910 and 1945 (table G 1). In most of these States, the value of farm land did not increase as much between 1940 and 1949 as was true of the country as a whole (table G 2).

Involving about 8 percent of the country's farm personnel, employment in this region has followed virtually the same trend as in the rest of the country, and in 1948 was lower than in either 1925 or 1940 (table C 4).

### *Income*

The Middle Atlantic region, with 24 percent of the Nation's population, received in 1948 about 28 percent of the income payments to individuals—a smaller share, however, than in 1929. The payments of \$1,647 per person were 17 percent above the national average, but the difference is smaller than formerly. West Virginia is the only State in which the income per person is below the national average.

Manufacturing pay rolls gained in importance between 1929 and 1948 as a source of income in the region, but trade and service occupations still come first (tables K 1, 2, 3 (a) and (b)).

### *Other economic indicators*

In 1940 this region was the largest producer of electric energy. By the war's end, however, the Central Region was in first position (table L 1).

Bank deposits in this region in 1948 were approximately double their 1939 level (table L 2). However, for the country as a whole, the 1948 total was nearly three times as great as that of 1939.

## A. LAND

### 1. Land area and population density

State	Land area		Density (population per square mile)				
	Square miles	Percent of United States	1900	1920	1930	1940	1949 <sup>1</sup>
United States.....	2,977,128	100.0	25.5	35.5	41.2	44.2	50.0
Middle Atlantic.....	136,512	4.6	132.3	189.3	223.1	236.2	257.8
New York.....	47,929	1.6	151.7	217.9	262.6	281.2	300.3
New Jersey.....	7,522	.3	250.4	420.0	537.3	553.1	647.8
Pennsylvania.....	45,045	1.5	139.9	194.5	213.8	219.8	236.1
Delaware.....	1,978	.1	93.4	113.5	120.5	134.7	157.2
Maryland.....	9,887	.3	120.2	145.8	165.0	184.2	220.0
District of Columbia.....	61	( <sup>2</sup> )	4,569.2	7,292.9	7,981.5	10,870.3	14,262.3
West Virginia.....	24,090	.8	39.8	60.9	71.8	79.0	80.6

<sup>1</sup> Provisional estimate.

<sup>2</sup> Less than 0.05 percent.

Source: U. S. Bureau of the Census.

### 2. Land use, 1945

State	Total	Forest land	Crop-land in farms	Pasture and range	Other <sup>1</sup>
Acres (in thousands)					
United States.....	1,905,362	623,828	525,111	609,484	146,939
Middle Atlantic.....	87,369	44,214	27,650	6,550	8,955
New York.....	30,675	13,500	10,237	3,951	2,987
New Jersey.....	4,814	2,348	1,157	157	1,152
Pennsylvania.....	28,829	15,228	9,240	1,469	2,892
Delaware.....	1,266	442	570	24	230
Maryland and District of Columbia.....	6,367	2,742	2,585	178	862
West Virginia.....	15,418	9,954	3,861	771	832
Percent in each use					
United States.....	100	32.7	27.6	32.0	7.7
Middle Atlantic.....	100	50.6	31.6	7.5	10.3
New York.....	100	44.0	33.4	12.9	9.7
New Jersey.....	100	48.8	24.0	3.3	23.9
Pennsylvania.....	100	52.8	32.1	5.1	10.0
Delaware.....	100	34.9	45.0	1.9	18.2
Maryland and District of Columbia.....	100	43.1	40.6	2.8	13.5
West Virginia.....	100	64.6	25.0	5.0	5.4
Percent of United States total					
United States.....	100.0	100.0	100.0	100.0	100.0
Middle Atlantic.....	4.6	7.1	5.3	1.1	6.1
New York.....	1.6	2.2	2.0	0.7	2.0
New Jersey.....	.3	.4	.2	( <sup>2</sup> )	.8
Pennsylvania.....	1.5	2.4	1.8	.3	2.0
Delaware.....	.1	.1	.1	( <sup>2</sup> )	.1
Maryland and District of Columbia.....	.3	.4	.5	( <sup>2</sup> )	.6
West Virginia.....	.8	1.6	.7	.1	.6

<sup>1</sup> Farmsteads, roads, urban, waste, etc.

<sup>2</sup> Less than 0.05 percent.

Source: U. S. Department of Agriculture, Forest Service, Basic Forest Statistics for the United States.

## B. POPULATION

## 1. Number

State	1900	1929	1940	1949 <sup>1</sup>
United States.....	75,995,000	121,770,000	131,954,000	148,720,000
Middle Atlantic.....	18,065,000	29,939,000	32,241,000	35,195,000
New York.....	7,269,000	12,171,000	13,460,000	14,392,000
New Jersey.....	1,884,000	3,989,000	4,154,000	4,873,000
Pennsylvania.....	6,302,000	9,722,000	9,931,000	10,633,000
Delaware.....	185,000	236,000	269,000	311,000
Maryland.....	1,188,000	1,621,000	1,835,000	2,175,000
District of Columbia.....	279,000	483,000	679,000	870,000
West Virginia.....	959,000	1,717,000	1,913,000	1,941,000
Percent change <sup>2</sup>				
	1900-1949	1900-1929	1929-40	1940-49 <sup>1</sup>
United States.....	95.7	60.2	8.4	12.7
Middle Atlantic.....	94.8	65.7	7.7	9.2
New York.....	98.0	67.4	10.6	6.9
New Jersey.....	158.7	111.8	4.1	17.3
Pennsylvania.....	68.7	54.3	2.1	7.1
Delaware.....	68.1	27.9	13.8	15.6
Maryland.....	83.1	36.4	13.2	18.5
District of Columbia.....	211.8	73.2	40.7	28.1
West Virginia.....	102.4	79.0	11.4	1.5
Percent of United States total				
	1900	1929	1940	1949 <sup>1</sup>
United States.....	100.0	100.0	100.0	100.0
Middle Atlantic.....	23.8	24.6	24.4	23.7
New York.....	9.6	10.0	10.2	9.7
New Jersey.....	2.5	3.3	3.1	3.3
Pennsylvania.....	8.3	8.0	7.5	7.1
Delaware.....	.2	.2	.2	.2
Maryland.....	1.6	1.3	1.4	1.5
District of Columbia.....	.4	.4	.5	.6
West Virginia.....	1.3	1.4	1.4	1.3

<sup>1</sup> Provisional estimate.<sup>2</sup> Increase, unless otherwise indicated.

NOTE.—Figures cover total population, including armed forces stationed in the State; 1900, as of June 1; 1929 and later years, as of July 1.

Source: U. S. Bureau of the Census.

## 2. Estimated migration and natural increase, 1940-48

[In thousands]

State	Net change in civilian population <sup>1</sup>	Natural increase	Net migration <sup>2</sup>	Net loss to armed forces
United States.....	13,888	13,982	+1,328	1,423
Middle Atlantic.....	2,412	2,409	+346	343
New York.....	739	815	+44	120
New Jersey.....	573	290	+328	46
Pennsylvania.....	568	739	-44	127
Delaware.....	34	23	+13	2
Maryland.....	311	197	+131	16
District of Columbia.....	179	69	+117	7
West Virginia.....	8	276	-243	25

<sup>1</sup> Increase, unless otherwise indicated.<sup>2</sup> Net migration, comprises both net immigration from other countries and net interregional or interstate migration. A plus sign (+) indicates net in-migration; a minus sign (-) indicates net out-migration.

Source: U. S. Bureau of the Census, Release P-25, No. 26.

## B. POPULATION—Continued

## 3. Estimated net migration, 1930-48

State	1930 population	Net migration <sup>1</sup>			
		1930-40	1940-48	1930-48	
				Number	As percent of 1930 population
United States.....	122,775,046	-46,518	+1,328,000	+1,281,482	1.0
Middle Atlantic.....	30,346,730	+405,453	+346,000	+751,453	2.5
New York.....	12,588,066	+476,910	+44,000	+520,910	4.1
New Jersey.....	4,041,334	+14,952	+328,000	+342,952	8.5
Pennsylvania.....	9,631,350	-274,248	-44,000	-318,248	3.3
Delaware.....	238,380	+18,748	-13,000	+31,748	13.3
Maryland.....	1,631,526	+99,671	+131,000	+230,671	14.1
District of Columbia.....	486,869	+166,843	+117,000	+283,843	58.3
West Virginia.....	1,729,205	-97,423	-243,000	-340,423	19.7

<sup>1</sup> Net migration comprises both net immigration from other countries and net interregional or interstate migration. A plus sign (+) indicates net in-migration; a minus sign (-) indicates net out-migration.

Source: Basic data from U. S. Bureau of the Census. Computations by the Bureau of Labor Statistics. Note that the estimates are only approximate both as to representativeness and as to comparability.

## 4. Age groups

State	1930				1940				1948			
	All ages	Under 18	18-64 <sup>1</sup>	65 and over	All ages	Under 18	18-64	65 and over <sup>2</sup>	All ages	Under 18	18-64	65 and over
Number (in thousands)												
United States.....	122,775	43,016	73,126	6,634	131,669	40,287	82,363	9,019	146,113	45,292	89,881	10,940
Middle Atlantic.....	30,347	10,015	18,746	1,587	32,192	8,972	21,055	2,165	34,706	9,626	22,495	2,585
New York.....	12,588	3,782	8,139	667	13,479	3,437	9,119	922	14,231	3,704	9,423	1,104
New Jersey.....	4,041	1,315	2,525	201	4,160	1,094	2,787	279	4,768	1,248	3,171	349
Pennsylvania.....	9,631	3,446	5,677	508	9,900	2,971	6,252	677	10,478	3,012	6,676	790
Delaware.....	238	77	145	17	267	74	172	21	309	90	187	23
Maryland.....	1,632	547	991	93	1,821	532	1,166	124	2,155	652	1,356	147
District of Columbia.....	487	120	339	27	663	145	476	41	863	218	588	57
West Virginia.....	1,729	727	929	73	1,902	718	1,083	101	1,911	702	1,094	115
Percent of total												
United States.....	100.0	35.0	59.6	5.4	100.0	30.6	62.6	6.8	100.0	31.0	61.5	7.5
Middle Atlantic.....	100.0	33.0	61.8	5.2	100.0	27.9	65.4	6.7	100.0	27.7	64.8	7.4
New York.....	100.0	30.0	64.7	5.3	100.0	25.5	67.7	6.8	100.0	26.0	66.2	7.8
New Jersey.....	100.0	32.5	62.5	5.0	100.0	26.3	67.0	6.7	100.0	26.2	66.5	7.3
Pennsylvania.....	100.0	35.8	58.9	5.3	100.0	30.0	63.1	6.8	100.0	28.7	63.7	7.5
Delaware.....	100.0	32.3	60.7	7.0	100.0	27.7	64.4	7.9	100.0	30.0	62.3	7.7
Maryland.....	100.0	33.5	60.8	5.7	100.0	29.2	64.0	6.8	100.0	30.3	62.9	6.8
District of Columbia.....	100.0	24.7	69.7	5.6	100.0	21.9	71.9	6.2	100.0	25.3	68.1	6.6
West Virginia.....	100.0	42.1	53.7	4.2	100.0	37.8	56.9	5.3	100.0	36.7	57.2	6.0

<sup>1</sup> Figures include a number of persons of unknown age.

<sup>2</sup> 1940 figures for persons aged 65 and over in the United States are believed by Census Bureau to be about 56,000 too high (Census release P-47, No. 3, p. 8).

NOTE.—Figures cover total population, including armed forces stationed in the State—1930 and 1940 figures as of Apr. 1; 1948, as of July 1.

Source: U. S. Bureau of the Census. 1930 and 1940 data are decennial census figures. Figures for 1948 are estimates based on the 1940 census, brought up to date by use of data on births, deaths, net immigration, and strength and distribution of the armed forces, and by use of estimates of net internal migration, based on school enrollment data. In the absence of direct information on net interstate migration this factor had to be estimated, and assumptions had to be introduced regarding the migration rate for each age group—assumptions that may apply more exactly to some States than to others. Furthermore, estimates of population become progressively less reliable as the time since the last census increases. These estimates of population should therefore be regarded as only rough approximations.

## B. POPULATION—Continued

## 5. Median age, 1930 and 1940

State	1930	1940	Years' increase
United States.....	26.5	29.0	2.5
Middle Atlantic:			
New York.....	29.1	32.2	3.1
New Jersey.....	28.1	31.3	3.2
Pennsylvania.....	26.3	29.1	2.8
Delaware.....	28.7	30.6	1.9
Maryland.....	27.4	29.6	2.2
District of Columbia.....	31.1	31.9	.8
West Virginia.....	22.2	24.3	2.1

Source: 1940 Census of Population, vol. IV, pt. 1.

## 6. Urban, rural, 1900-40

State	Urban			Rural		
	1900	1930	1940	1900	1930	1940
	Number					
United States.....	30,159,621	68,954,823	74,423,702	45,834,654	53,820,223	57,245,573
Middle Atlantic.....	11,156,989	22,471,095	23,564,709	6,907,986	7,875,635	8,627,592
New York.....	5,298,111	10,521,952	11,165,893	1,970,783	2,066,114	2,313,249
New Jersey.....	1,329,162	3,339,244	3,394,773	554,507	702,090	765,392
Pennsylvania.....	3,448,610	6,633,511	6,586,877	2,853,505	3,097,839	3,313,303
Delaware.....	85,717	123,146	139,432	99,018	115,234	127,073
Maryland.....	591,206	974,869	1,080,351	596,838	656,657	740,893
District of Columbia.....	273,718	486,869	663,091	-----	-----	-----
West Virginia.....	128,465	491,504	534,292	833,335	1,237,701	1,367,682
	Percent of total population					
United States.....	39.7	56.2	56.5	60.3	43.8	43.5
Middle Atlantic.....	61.8	74.0	73.2	38.2	26.0	26.8
New York.....	72.9	83.6	82.8	27.1	16.4	17.2
New Jersey.....	70.6	82.6	81.6	29.4	17.4	18.4
Pennsylvania.....	54.7	67.8	66.5	45.3	32.2	33.5
Delaware.....	46.4	51.7	52.3	53.6	48.3	47.7
Maryland.....	49.8	59.8	59.3	50.2	40.2	40.7
District of Columbia.....	100.0	100.0	100.0	-----	-----	-----
West Virginia.....	13.1	28.4	28.1	86.9	71.6	71.9

Source: 1940 Census of Population, vol. I.

## C. EMPLOYMENT

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49

## A. BY YEAR

## NEW YORK

Year	Total	Manu- factur- ing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	4,006.0	1,291.0							
1943.....	5,267.7	2,115.7	10.2	123.8	452.4	944.3	351.9	593.4	676.0
1947.....	5,534.2	1,897.2	11.0	204.2	540.1	1,185.7	373.5	708.0	612.5
1948.....	5,582.6	1,871.9	11.3	212.9	536.1	1,217.4	378.2	716.2	639.7
First half, 1948..	5,525.3	1,871.8	10.8	196.2	532.4	1,203.1	374.9	710.5	625.6
First half, 1949..	5,439.9	1,757.0	11.0	199.3	527.6	1,205.4	379.3	712.1	648.0
Percent of total									
Average:									
1939.....	100.0	32.2							
1943.....	100.0	40.2	0.2	2.4	8.6	17.9	6.7	11.3	12.8
1947.....	100.0	34.3	.2	3.7	9.8	21.4	6.7	12.8	11.1
1948.....	100.0	33.5	.2	3.8	9.6	21.8	6.8	12.8	11.4
First half, 1948..	100.0	33.9	.2	3.6	9.6	21.8	6.8	12.9	11.3
First half, 1949..	100.0	32.3	.2	3.7	9.7	22.2	7.0	13.1	11.9

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the benchmarks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Division of Placement and Unemployment Insurance, New York Department of Labor.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## A. BY YEAR—Continued

## NEW JERSEY

Year	Total	Manu- factur- ing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	1,198.0	583.0							
1943.....	1,731.9	951.1	4.1	47.5	126.2	219.9	56.2	133.8	193.0
1947.....	1,664.2	749.6	4.0	61.6	139.5	247.2	57.1	153.6	151.6
1948.....	1,580.8	744.8	4.2	67.1	140.9	251.4	61.8	157.6	153.1
First half 1948.....	1,568.8	749.5	4.1	60.3	140.0	248.8	59.9	155.4	150.8
First half 1949.....	1,516.6	681.4	4.2	63.9	139.5	248.4	62.4	160.3	156.5
Percent of total									
Average:									
1939.....	100.0	48.7							
1943.....	100.0	54.0	0.2	2.7	7.3	12.7	3.2	7.7	11.1
1947.....	100.0	47.9	.3	3.9	8.9	15.8	3.7	9.8	9.7
1948.....	100.0	47.1	.3	4.2	8.9	15.9	3.9	10.0	9.7
First half 1948.....	100.0	47.8	.3	3.8	8.9	15.9	3.8	9.9	9.6
First half 1949.....	100.0	44.9	.3	4.2	9.2	16.4	4.1	10.6	10.3

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the bench marks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with New Jersey Department of Labor and Industry.



## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## A. BY YEAR—Continued

## PENNSYLVANIA

Year	Total	Manu- factur- ing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	2,580.0	1,040.0							
1943.....	3,479.7	1,579.3	206.2	95.7	312.2	494.0	95.0	268.6	428.7
1947.....	3,628.3	1,524.5	203.4	139.7	332.8	650.3	107.2	336.2	334.3
1948.....	3,667.3	1,520.3	204.6	152.5	335.5	668.8	112.3	343.8	329.6
First half 1948.....	3,632.5	1,522.0	199.5	139.3	332.0	658.7	111.7	340.8	328.6
First half 1949.....	3,549.7	1,422.7	202.9	146.2	329.8	657.7	113.3	344.4	332.6
Percent of total									
Average:									
1939.....	100.0	40.3							
1943.....	100.0	45.4	5.9	2.8	9.0	14.2	2.7	7.7	12.3
1947.....	100.0	42.0	5.6	3.9	9.2	17.9	3.0	9.3	9.2
1948.....	100.0	41.5	5.6	4.2	9.1	18.2	3.1	9.4	9.0
First half 1948.....	100.0	41.9	5.5	3.8	9.1	18.1	3.1	9.4	9.0
First half 1949.....	100.0	40.1	5.7	4.1	9.3	18.5	3.2	9.7	9.4

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the bench marks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Federal Reserve Bank of Philadelphia and Bureau of Research and Information, Pennsylvania Department of Labor and Industry.

## C. EMPLOYMENT—Continued

1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49<sup>1</sup>—Continued

## A. BY YEAR—Continued

## DELAWARE

Year	Total	Manu- factur- ing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	76.0	29.8							
1943.....	106.0	55.2	(1)	-5.5	9.2	14.6	3.6	17.9	10.0
1947.....		45.9							
1948.....		46.4							
First half 1948.....		46.2							
First half 1949.....		44.5							
Percent of total									
Average:									
1939.....	100.0	39.2							
1943.....	100.0	52.1	(1)	5.2	8.7	13.8	3.4	7.5	9.4
1947.....									
1948.....									
First half 1948.....									
First half 1949.....									

<sup>1</sup> The mining estimates have been combined with the service group to avoid disclosure.

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the National series, and the differences in the dates of the benchmarks to which the series have been adjusted, the sum of the State series may differ from the National totals. For the same reasons, the individual State series are not strictly comparable with the National totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Federal Reserve Bank of Philadelphia.

## HANDBOOK OF REGIONAL STATISTICS

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## A. BY YEAR—Continued

## MARYLAND

Year	Total	Manu- factur- ing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:	486.0	174.0	.	.	.	.	.	.	.
1939.....	486.0	174.0	.	.	.	.	.	.	.
1943.....	755.6	348.8	3.4	44.0	66.5	110.4	20.1	63.6	98.7
1947.....	670.8	230.3	3.6	46.5	75.8	123.3	26.0	83.1	82.3
1948.....	703.4	231.7	3.4	53.2	77.5	125.2	28.4	97.7	86.3
First half 1948.....	689.0	228.4	3.3	50.1	77.4	123.3	28.1	94.9	83.5
First half 1949.....	686.5	214.1	2.9	47.1	74.6	121.4	29.7	106.5	90.2
Percent of total									
Average:	100.0	35.8	.	.	.	.	.	.	.
1939.....	100.0	35.8	.	.	.	.	.	.	.
1943.....	100.0	46.2	0.4	5.8	8.8	14.6	2.7	8.4	13.1
1947.....	100.0	34.3	.5	6.9	11.3	18.4	3.9	12.4	12.3
1948.....	100.0	32.9	.5	7.6	11.0	17.8	4.0	13.9	12.3
First half 1948.....	100.0	33.1	.5	7.3	11.2	17.9	4.1	13.8	12.1
First half 1949.....	100.0	31.2	.4	6.9	10.9	17.7	4.3	15.5	13.1

Note.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the benchmarks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Maryland Department of Employment Security.

## C. EMPLOYMENT—Continued

1. Employees in nonagricultural establishments, by industry division, selected dates,  
1939-49—Continued

## A. BY YEAR—Continued

## DISTRICT OF COLUMBIA

Year	Total	Manu- factur- ing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	321.0	13.6		17.1	31.6	85.3	17.7	51.9	300.7
1943.....	520.0	15.6							
1947.....		16.8							
1948.....		16.7							
First half 1948.....		16.7							
First half 1949.....		16.8							
Percent of total									
Average:									
1939.....	100.0	4.2		3.3	6.1	16.4	3.4	10.0	57.8
1943.....	100.0	3.0							
1947.....									
1948.....									
First half 1948.....									
First half 1949.....									

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the benchmarks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with USES for the District of Columbia.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## A. BY YEAR—Continued

## WEST VIRGINIA

Year	Total	Manu- factur- ing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
<b>Average:</b>									
1939.....	365.0	94.8							
1943.....	458.8	132.2	129.4	14.7	44.7	56.0	7.4	27.2	47.2
1947.....		137.6							
1948.....		139.8							
First half 1948.....		138.8							
First half 1949.....		132.4							
Percent of total									
<b>Average:</b>									
1939.....	100.0	26.0							
1943.....	100.0	28.8	28.2	3.2	9.7	12.2	1.6	5.9	10.3
1947.....									
1948.....									
First half 1948.....									
First half 1949.....									

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented. Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the bench marks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with West Virginia Department of Employment Security.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## B. BY MONTH

[In thousands]

## New York

Month	Total	Manu- facturing	Mining	Con- struction	Trans- porta- tion and public utilities	Trade	Fi- nance, insurance, and real estate	Service	Govern- ment
1948									
January	5,517.0	1,902.0	10.3	189.6	530.0	1,197.8	371.9	698.7	616.6
February	5,507.7	1,912.1	9.9	177.4	530.7	1,191.2	373.4	698.3	614.7
March	5,537.8	1,904.0	10.5	185.7	532.0	1,205.8	375.4	703.2	621.2
April	5,508.0	1,849.9	11.1	201.2	527.1	1,203.0	375.6	712.4	627.7
May	5,520.7	1,829.5	11.5	203.1	535.5	1,207.7	377.1	721.4	636.0
June	5,560.4	1,833.5	11.6	219.9	539.1	1,213.1	376.0	728.9	637.4
July	5,559.5	1,818.4	11.6	229.9	542.6	1,200.0	381.9	738.1	637.0
August	5,617.7	1,878.4	11.7	234.0	538.6	1,193.1	384.7	734.4	642.7
September	5,652.6	1,900.0	11.9	234.1	535.8	1,210.5	381.4	724.3	654.6
October	5,661.1	1,896.9	11.8	233.8	541.9	1,228.8	380.5	715.1	652.5
November	5,649.2	1,884.7	11.6	228.4	539.6	1,254.2	380.4	711.9	635.4
December	5,699.4	1,853.1	11.5	217.9	539.9	1,303.5	380.5	707.5	685.5
1949									
January	5,480.7	1,807.8	10.6	196.9	534.6	1,204.9	377.7	703.1	645.1
February	5,453.6	1,809.0	10.5	184.5	531.4	1,193.7	377.3	703.0	643.9
March	5,428.8	1,790.0	10.5	184.7	518.2	1,197.3	379.2	705.0	643.9
April	5,437.1	1,742.3	11.5	199.7	520.3	1,221.5	380.9	713.1	647.8
May	5,421.2	1,706.1	11.6	210.2	531.4	1,205.8	380.5	721.7	654.0
June	5,417.8	1,686.9	11.5	219.8	529.9	1,209.3	380.3	726.7	653.3
July	5,371.9	1,653.7	11.4	220.9	527.0	1,192.4	383.1	731.0	660.8
August	5,474.1	1,753.6	11.5	228.7	525.7	1,178.8	384.0	722.0	671.4
September	5,553.3	1,801.4	11.3	234.3	522.9	1,208.1	381.9	717.1	668.2
October	5,537.1	1,794.2	10.6	234.0	516.4	1,214.3	382.3	714.1	658.8
November	5,505.5	1,763.3	10.5	228.3	514.2	1,232.2	382.9	714.1	658.8
December	5,598.9	1,769.3	10.6	216.4	518.2	1,282.5	382.8	709.7	709.4

## New Jersey

Month	Total	Manu- facturing	Mining	Con- struction	Trans- porta- tion and public utilities	Trade	Fi- nance, insurance, and real estate	Service	Govern- ment
1948									
January	1,561.0	757.3	3.9	53.8	139.7	246.1	58.0	151.5	150.6
February	1,553.4	757.8	3.8	50.1	139.4	244.5	58.2	150.2	149.3
March	1,563.4	754.2	4.0	56.8	139.0	248.6	58.8	151.7	150.3
April	1,566.9	745.3	4.2	63.0	138.4	248.0	60.6	156.7	150.7
May	1,575.9	740.7	4.3	67.1	141.3	250.3	61.0	158.8	152.3
June	1,592.1	741.8	4.3	71.2	142.0	255.2	62.5	163.4	157.6
July	1,588.6	732.8	4.3	74.2	142.0	253.2	64.6	166.4	151.0
August	1,599.0	744.0	4.4	74.8	142.5	251.7	64.1	165.1	152.4
September	1,603.9	760.3	4.3	74.0	141.7	250.5	63.4	163.1	156.6
October	1,594.5	747.8	4.2	74.0	140.9	251.2	63.4	156.0	157.1
November	1,584.9	740.9	4.1	73.7	140.9	253.1	63.4	155.1	153.7
December	1,585.9	724.7	4.1	72.6	143.2	263.7	63.0	153.2	161.4
1949									
January	1,538.3	707.2	4.1	66.5	140.4	248.1	61.7	154.9	155.4
February	1,523.5	702.3	4.0	62.3	139.7	243.2	61.5	154.5	155.8
March	1,519.7	694.9	4.2	63.7	138.9	244.4	61.7	155.9	156.0
April	1,515.7	675.2	4.3	62.8	138.9	252.9	63.0	162.1	156.4
May	1,502.7	658.8	4.3	63.8	139.8	249.6	63.2	165.3	157.8
June	1,501.0	649.7	4.4	64.2	139.3	252.2	63.4	169.2	157.6
July	1,486.0	631.1	4.4	67.2	139.6	252.0	63.8	172.2	155.7
August	1,500.9	649.5	4.4	66.6	139.0	249.7	63.3	171.0	157.4
September	1,501.2	652.7	4.3	64.3	137.1	250.9	62.6	168.3	161.0
October	1,499.1	657.8	3.4	66.8	133.9	250.0	62.5	164.2	160.5
November	1,489.6	651.9	3.5	67.2	133.2	251.2	62.0	162.2	158.4
December	1,511.2	654.1	3.5	63.4	139.9	264.1	61.8	161.2	166.2

For note and source see table C 1A.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## B. BY MONTH—Continued

## PENNSYLVANIA

[In thousands]

Month	Total	Manu- factur- ing	Mining	Con- struc- tion	Trans- porta- tion and public utilities	Trade	Fi- nance, insur- ance, and real estate	Service	Govern- ment
1948									
January	3,621.0	1,535.6	207.2	125.4	330.2	650.4	110.0	333.4	328.7
February	3,604.6	1,530.9	206.3	119.2	331.3	647.0	110.1	333.1	326.8
March	3,640.2	1,532.0	207.3	129.8	332.8	661.4	110.8	337.6	328.6
April	3,577.8	1,515.3	155.7	145.8	319.4	658.2	112.0	342.1	329.4
May	3,659.6	1,505.0	207.4	154.4	338.0	664.4	112.6	347.1	330.8
June	3,692.0	1,513.2	213.0	161.4	340.3	670.9	114.6	351.3	327.4
July	3,651.8	1,496.6	197.7	169.9	339.7	658.2	113.9	352.4	323.4
August	3,674.2	1,514.7	203.9	172.2	339.9	655.9	113.6	350.6	323.5
September	3,704.1	1,526.9	202.8	170.8	340.4	670.4	112.6	350.2	330.1
October	3,704.5	1,528.5	204.9	166.6	339.7	678.8	112.5	343.5	330.0
November	3,701.9	1,525.7	205.0	161.3	336.7	690.2	112.0	342.1	329.1
December	3,736.8	1,519.1	204.8	153.4	337.9	719.8	112.5	341.7	347.5
1949									
January	3,606.5	1,480.0	204.8	146.6	331.8	661.6	111.9	337.4	332.5
February	3,569.5	1,465.3	204.1	141.0	329.6	649.4	112.3	336.5	331.2
March	3,555.8	1,448.2	203.0	141.0	326.4	651.5	112.7	340.6	332.5
April	3,551.4	1,411.4	203.4	146.8	330.0	667.7	113.4	345.6	333.2
May	3,524.7	1,381.1	201.3	149.3	336.1	656.9	114.1	351.0	334.8
June	3,490.1	1,350.3	200.9	152.2	325.3	659.0	115.5	355.2	331.7
July	3,436.9	1,315.1	198.3	154.2	323.1	645.3	116.0	357.5	327.4
August	3,441.9	1,319.0	196.4	155.1	329.9	639.3	115.8	355.1	331.3
September	3,488.1	1,340.6	194.5	158.4	328.3	657.3	115.1	354.3	339.7
October	3,189.7	1,176.5	99.8	156.9	299.5	657.8	114.6	346.7	337.9
November	3,357.0	1,252.2	200.2	150.7	299.9	662.9	114.0	344.5	333.2
December	3,474.2	1,316.4	202.9	135.7	313.9	698.9	114.3	343.6	348.6

## DELAWARE

1948									
January		45.7							
February		45.9							
March		46.5							
April		46.6							
May		45.8							
June		46.6							
July		46.6							
August		48.2							
September		43.9							
October		46.3							
November		45.2							
December		44.8							
1949									
January		44.5							
February		44.8							
March		44.4							
April		44.5							
May		44.2							
June		44.6							
July		45.3							
August		46.0							
September		45.2							
October		42.3							
November		41.4							
December		42.3							

For note and source see table C 1A.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## B. BY MONTH—Continued

## MARYLAND

[In thousands]

Month	Total	Manu- facturing	Mining	Con- struc- tion	Trans- porta- tion and public utilities	Trade	Fi- nance, insur- ance, and real estate	Service	Govern- ment
1948									
January.....	682.3	226.9	3.5	49.8	78.0	125.3	27.0	88.7	83.0
February.....	675.6	228.5	3.5	44.1	78.5	122.7	27.2	88.0	83.0
March.....	685.3	228.9	3.5	47.0	78.0	123.4	27.8	94.0	82.7
April.....	685.8	228.2	2.0	50.4	73.0	122.3	28.5	98.7	82.7
May.....	698.0	228.5	3.6	52.3	78.2	122.6	28.8	100.6	83.3
June.....	707.2	229.4	3.8	57.2	78.7	123.4	29.0	99.4	86.3
July.....	707.4	232.8	3.6	57.2	77.7	123.0	28.4	98.0	86.7
August.....	713.6	239.3	3.7	55.5	76.8	123.1	28.5	98.9	87.8
September.....	720.3	242.4	3.4	56.6	76.7	124.6	28.4	98.2	89.9
October.....	719.0	235.3	3.5	57.0	77.2	126.8	28.7	101.0	89.5
November.....	723.5	233.2	3.4	57.5	78.9	130.1	29.1	102.9	88.4
December.....	722.9	227.6	3.4	54.2	77.8	135.1	29.6	103.4	91.8
1949									
January.....	698.6	219.1	3.2	49.4	76.6	123.7	29.6	107.5	89.4
February.....	689.7	218.0	3.0	46.8	75.2	122.1	29.2	105.9	89.5
March.....	687.4	215.6	3.0	46.9	75.3	122.3	29.7	105.0	89.6
April.....	682.8	212.1	3.0	46.8	73.3	121.6	29.9	106.4	89.7
May.....	679.6	208.6	2.6	47.2	74.0	118.8	29.9	106.8	91.6
June.....	681.3	211.1	2.8	45.6	73.3	119.8	29.9	107.2	91.5
July.....	680.1	209.4	2.7	48.4	72.4	119.9	30.2	106.6	90.5
August.....	686.8	215.0	2.7	50.0	72.5	118.6	30.3	106.3	91.4
September.....	690.1	214.6	2.7	50.4	72.5	121.3	30.2	105.3	93.1
October.....	661.7	192.0	1.3	51.1	67.3	122.3	29.8	105.7	92.2
November.....	678.3	207.5	2.6	50.7	68.1	123.8	30.0	105.5	90.1
December.....	680.3	202.0	2.6	47.5	70.7	129.6	29.8	104.9	93.2

## DISTRICT OF COLUMBIA

1948									
January.....		16.9							
February.....		16.4							
March.....		16.6							
April.....		16.7							
May.....		16.7							
June.....		16.6							
July.....		16.6							
August.....		16.3							
September.....		16.6							
October.....		16.8							
November.....		16.7							
December.....		16.8							
1949									
January.....		16.5							
February.....		16.6							
March.....		16.7							
April.....		16.7							
May.....		17.2							
June.....		17.3							
July.....		17.3							
August.....		17.3							
September.....		17.3							
October.....		17.4							
November.....		17.5							
December.....		17.5							

For note and source see table C 1A.



## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## B. BY MONTH—Continued

[In thousands]

## WEST VIRGINIA

Month	Total	Manu- factur- ing	Mining	Con- struc- tion	Trans- porta- tion and public utilities	Trade	Fi- nance, insur- ance, and real estate	Service	Gov- ernment
1948									
January		136.9							
February		134.9							
March		138.0							
April		139.6							
May		140.6							
June		142.9							
July		140.6							
August		141.3							
September		141.3							
October		142.1							
November		140.4							
December		139.5							
1949									
January		137.6							
February		136.3							
March		134.5							
April		131.4							
May		128.1							
June		126.4							
July		122.7							
August		126.6							
September		127.2							
October		121.4							
November		120.8							
December									

For note and source see table C 1A.

C. EMPLOYMENT—Continued

2. Employees in manufacturing establishments, in selected months, 1947 to 1949

REGIONAL TOTALS

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
	All manufacturing <sup>1</sup> .....	4,627.2	4,620.2	4,344.3	4,504.8	4,614.0	4,086.3	4,627.8	4,626.4	4,199.0	4,675.0	4,525.6
	Percent change											
	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49		
All manufacturing.....	-0.2	-6.0	+2.4	-11.4	( <sup>2</sup> )		-9.2		-3.1	.....		

<sup>1</sup> No break-down of manufacturing is available.

<sup>2</sup> Less than 0.05 percent.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with State agencies.

## C. EMPLOYMENT—Continued

## 2. Employees in manufacturing establishments, in selected months, 1947-49—Continued

NEW YORK

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
	All manufacturing.....	1,930.5	1,904.0	1,790.0	1,830.1	1,833.5	1,686.9	1,919.5	1,900.0	1,801.4	1,931.7	1,853.1
Durable goods.....	661.4	633.4	580.3	639.9	615.3	551.5	627.7	615.5	-----	648.1	612.2	-----
Nondurable goods.....	1,269.1	1,270.5	1,209.7	1,190.2	1,218.2	1,135.4	1,291.8	1,284.4	-----	1,283.6	1,240.8	-----
Iron and steel and their products; nonferrous metals and their products.....	179.9	174.4	160.1	170.9	169.2	150.3	173.0	172.2	-----	177.3	171.5	-----
Electrical machinery.....	131.6	131.4	123.9	128.7	125.4	117.8	128.7	125.9	-----	135.6	128.8	-----
Machinery (except electrical).....	148.3	141.0	127.3	147.5	137.9	121.6	142.4	134.5	-----	143.3	131.5	-----
Transportation equipment (including automobiles).....	93.5	81.2	70.3	89.2	79.2	67.6	77.4	78.3	-----	81.5	76.1	-----
Lumber and timber basic products; furniture and finished lumber products.....	64.3	63.5	58.6	60.6	61.5	55.8	63.4	62.3	-----	66.4	61.0	-----
Stone, clay, and glass products.....	43.9	41.9	40.1	43.1	42.0	38.4	42.9	42.3	-----	44.1	43.2	-----
Textile-mill products.....	93.1	97.4	84.1	87.5	96.7	79.2	93.2	94.8	-----	97.6	94.5	-----
Apparel and other finished textile products.....	420.6	431.9	421.1	374.3	393.5	369.6	434.3	439.0	-----	427.8	418.4	-----
Leather and leather products.....	77.8	79.7	71.5	70.1	72.8	65.7	82.0	78.3	-----	80.5	70.7	-----
Food and kindred products.....	141.4	140.6	132.7	144.6	144.3	135.1	157.2	155.3	-----	147.5	143.5	-----
Tobacco manufactures.....	3.4	2.8	2.6	2.9	2.8	2.7	2.9	2.7	-----	2.9	2.7	-----
Paper and allied products.....	69.2	66.4	62.2	65.6	64.9	60.2	66.2	64.8	-----	67.1	65.0	-----
Printing, publishing, and allied industries.....	157.6	157.7	154.5	154.9	155.0	153.6	154.7	154.9	-----	157.2	156.9	-----
Chemicals and allied products.....	79.1	76.2	74.2	77.7	75.6	71.5	76.9	76.6	-----	76.5	76.1	-----
Products of petroleum and coal.....	12.4	12.8	12.6	12.7	12.8	12.6	12.9	12.8	-----	12.7	12.7	-----
Rubber products.....	9.1	8.3	8.6	8.9	9.0	8.3	8.9	9.1	-----	9.2	8.8	-----
Miscellaneous manufacturing industries.....	205.4	196.8	185.6	191.1	190.7	176.9	202.7	196.0	-----	204.6	191.5	-----
Percent change												
Industry	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49				
	All manufacturing.....	-1.4	-6.0	0.2	8.0	-1.0	-5.2	-4.1	-4.5			
Durable goods.....	-4.2	-8.4	-3.8	-10.4	-1.9	-----	-5.5	-----				
Nondurable goods.....	.1	-4.8	2.4	-6.8	-6	-----	-3.3	-----				

Series based on the 1942 Social Security Board Classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Division of Placement and Unemployment Insurance, New York Department of Labor.

## NEW JERSEY

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing .....	768.6	754.2	694.9	745.2	741.8	649.7	749.2	750.3	652.7	764.0	724.7	654.1
Durable goods .....	370.6	354.2	313.5	354.0	344.1	282.2	342.8	340.6		361.4	331.4	
Nondurable goods .....	398.1	399.5	381.4	391.2	397.7	367.6	406.4	406.7		402.6	393.3	
Iron and steel and their products .....	53.1	51.5	47.6	51.9	50.7	42.7	51.9	51.5		53.0	51.7	
Electrical machinery .....	111.8	104.5	88.1	101.5	99.7	76.4	102.8	95.7		105.8	93.4	
Machinery (except electrical) .....	62.6	61.4	59.0	62.2	62.0	48.2	61.9	61.9		62.9	61.1	
Transportation equipment (including automobiles) .....	63.2	57.2	48.1	61.0	54.5	48.2	48.1	53.6		58.7	49.2	
Nonferrous metals and their products .....	35.5	34.5	29.0	33.9	31.4	26.4	33.9	31.9		35.0	31.5	
Lumber and timber basic products .....	1.7	1.9	1.7	1.7	1.9	1.7	1.8	1.9		1.9	1.8	
Furniture and finished lumber products .....	13.7	14.7	13.1	13.4	14.9	12.3	14.1	14.8		15.1	14.1	
Stone, clay, and glass products .....	29.2	28.8	26.9	28.4	29.1	26.2	28.2	29.3		29.1	28.5	
Textile-mill products .....	64.2	65.8	58.0	63.1	64.5	54.4	62.4	63.5		64.3	62.1	
Apparel and other finished textile products .....	71.8	76.4	77.0	66.7	74.8	70.0	72.6	77.0		75.0	75.0	
Leather and leather products .....	10.2	10.1	9.9	9.7	9.5	9.3	10.4	10.2		10.4	10.1	
Food and kindred products .....	43.2	43.5	42.6	44.7	47.7	47.3	56.2	54.0		46.8	44.6	
Tobacco manufactures .....	5.2	4.8	4.6	4.8	4.6	4.6	5.1	4.7		5.2	4.8	
Paper and allied products .....	20.7	20.2	18.4	20.2	20.0	18.2	19.5	20.0		19.9	19.4	
Printing, publishing, and allied industries .....	18.4	19.0	18.4	18.7	18.7	18.7	19.0	19.3		19.2	18.9	
Chemicals and allied products .....	87.8	84.2	80.5	86.8	83.3	76.5	85.0	83.7		86.3	83.6	
Products of petroleum and coal .....	15.3	16.0	15.6	16.4	16.5	15.8	16.5	16.7		16.1	16.0	
Rubber products .....	17.7	16.5	15.1	17.5	15.6	13.4	17.0	15.8		16.8	16.3	
Miscellaneous manufacturing industries .....	43.6	43.0	41.3	42.5	42.4	39.3	42.6	44.7		42.6	42.4	
Percent change												
Industry	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49
All manufacturing .....	-1.9	-7.9	-0.5	-12.4			0.1	-13.0			-5.1	-9.7
Durable goods .....	-4.4	-11.5	-2.8	-18.0			-6				-8.3	
Nondurable goods .....	.4	-4.5	1.7	-7.6			.8				-2.3	

Series based on the 1942 Social Security Board classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with New Jersey Department of Labor and Industry.

## C. EMPLOYMENT—Continued

## 2. Employees in manufacturing establishments, in selected months, 1947-49—Continued

## PENNSYLVANIA

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
	All manufacturing <sup>1</sup> .....	1,531.1	1,532.0	1,448.2	1,503.9	1,513.2	1,350.3	1,522.9	1,526.9	1,340.6	1,549.0	1,519.1
Durable goods.....	852.9	855.0	812.6	851.9	845.1	736.9	847.1	852.5	.....	861.0	856.8	.....
Nondurable goods.....	678.2	677.0	635.7	652.1	668.1	613.4	675.8	674.4	.....	688.0	662.3	.....
Percent change												
	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49		
	All manufacturing.....	0.1	-5.5	0.6	-10.8	0.3	-12.2	-1.9	-13.3			
Durable goods.....	.2	-5.0	.8	-12.8	.6	.....	-.5	.....				
Nondurable goods.....	.2	-6.1	2.5	-8.2	-.2	.....	-3.7	.....				

<sup>1</sup> Detailed industry data in process of preparation; consult the sources cited.

Series based on the 1942 Social Security Board Classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Federal Reserve Bank of Philadelphia.

DELAWARE

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing.....	45.0	46.5	44.4	45.4	46.6	44.6	48.2	48.9	45.2	46.1	44.8	42.3
Durable goods.....	10.1	11.7	11.0	9.7	11.0	11.0	9.4	10.7	10.3	11.2	10.6	
Nondurable goods.....	35.0	34.8	33.4	35.7	35.6	33.6	38.8	38.2	34.9	34.9	34.2	
Iron and steel and their products; nonferrous metals and their products.....	4.0	3.8	3.7	3.6	3.7	3.3	3.5	3.8	2.9	3.9	3.7	
Machinery.....	1.6	1.6	1.5	1.8	1.6	1.5	1.6	1.2	1.2	1.6	1.2	
Transportation equipment (including automobiles).....	1.9	3.5	3.9	1.9	3.4	4.2	1.9	3.3	4.0	2.9	3.6	
Other durable goods <sup>1</sup> .....	2.5	2.7	1.9	2.4	2.4	2.0	2.4	2.3	2.2	2.9	2.1	
Textile-mill products.....	3.0	3.0	2.8	2.9	8.1	2.4	2.8	3.0	2.6	2.8	2.9	
Apparel and other finished textile products.....	1.7	1.8	1.8	1.6	1.8	1.9	1.6	1.7	2.0	1.7	1.7	
Leather and leather products.....	2.8	2.9	2.5	2.8	2.7	2.4	2.9	2.7	2.5	2.9	2.6	
Food and kindred products.....	4.9	4.5	4.8	6.1	5.5	5.5	9.4	8.8	6.6	5.1	5.1	
Paper and allied products; printing, publishing, and allied industries.....	2.3	2.3	2.1	2.2	2.3	2.2	2.2	2.3	2.1	2.3	2.3	
Chemicals and allied products; products of petroleum and coal.....	16.6	16.8	16.4	16.6	26.8	16.4	16.6	16.4	16.8	16.6	16.2	
Other nondurable goods <sup>2</sup> .....	3.6	3.4	3.0	3.5	3.3	2.8	3.4	3.3	2.8	3.4	3.4	
Percent change												
	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49
All manufacturing.....	3.3	-4.5	2.6	-4.3	1.5	-7.6	-2.8	-5.6				
Durable goods.....	15.8	-6.0	13.4		13.8	-3.7	-5.4					
Nondurable goods.....	-6	-4.0	-2.8	-5.6	-1.5	-8.6	-2.0					

<sup>1</sup> Includes lumber and timber basic products; furniture and finished lumber products; and stone, clay, and glass products.

<sup>2</sup> Includes tobacco manufactures; rubber products; and miscellaneous manufacturing industries.

Series based on the 1942 Social Security Board Classification.  
Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Federal Reserve Bank of Philadelphia.

## C. EMPLOYMENT—Continued

2. *Employees in manufacturing establishments, in selected months, 1947-49*

## MARYLAND

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing.....	236.2	228.9	215.6	224.3	229.4	211.1	232.4	242.4	214.6	229.6	227.6	202.0
Durable goods.....	122.0	115.2	105.1	121.2	114.2	102.3	109.5	114.7	-----	114.9	110.5	-----
Nondurable goods.....	114.2	113.7	110.5	103.1	115.2	108.9	122.9	127.8	-----	114.7	117.2	-----
Iron and steel and their products.....	36.4	38.4	39.0	37.9	38.9	37.5	39.2	40.9	-----	38.4	40.3	-----
Electrical machinery.....	10.7	8.6	6.5	10.1	7.5	6.1	9.4	7.7	-----	9.5	7.4	-----
Machinery (except electrical).....	15.2	12.9	12.5	14.3	13.9	11.5	13.5	12.8	-----	14.0	12.8	-----
Transportation equipment (including automobiles).....	38.4	34.1	28.1	38.1	32.8	29.1	26.7	32.3	-----	31.9	29.5	-----
Nonferrous metals and their products.....	4.8	4.4	3.5	4.7	4.7	3.3	4.6	4.6	-----	4.7	4.1	-----
Lumber and timber basic products.....	3.5	3.7	3.5	3.5	3.7	3.6	3.4	3.7	-----	3.6	3.8	-----
Furniture and finished lumber products.....	5.4	5.4	4.8	5.0	5.1	4.5	5.2	5.1	-----	5.2	5.2	-----
Stone, clay, and glass products.....	7.6	7.7	7.2	7.6	7.6	6.5	7.4	7.6	-----	7.6	7.4	-----
Textile-mill products.....	7.3	6.7	6.6	5.8	6.3	6.4	5.5	6.7	-----	6.2	6.7	-----
Apparel and other finished textile products.....	23.4	24.5	26.4	22.7	23.7	25.9	22.9	26.4	-----	23.7	26.6	-----
Leather and leather products.....	3.6	3.9	3.5	3.5	3.4	3.6	3.7	5.4	-----	3.9	3.5	-----
Food and kindred products.....	31.6	31.2	29.1	33.3	34.5	33.5	43.0	43.0	-----	33.1	33.2	-----
Paper and allied products.....	6.1	5.8	5.6	6.1	5.7	5.6	6.2	6.1	-----	6.1	5.9	-----
Printing, publishing, and allied industries.....	9.1	9.6	9.8	9.2	9.8	9.8	9.2	9.8	-----	9.6	9.8	-----
Chemicals and allied products.....	20.2	19.8	17.3	9.8	19.4	12.4	19.6	19.3	-----	19.3	18.2	-----
Other nondurable goods <sup>1</sup> .....	12.8	12.2	12.2	12.6	12.3	11.8	12.8	13.0	-----	12.8	13.2	-----
Percent change												
	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49		
All manufacturing.....	-3.1	-5.8	2.3	-8.0	4.3	-11.5	-0.9	-11.2				
Durable goods.....	-5.6	-8.8	-5.8	-10.4	4.7	-----	-3.8	-----				
Nondurable goods.....	-4	-2.8	11.7	-5.5	4.0	-----	2.2	-----				

<sup>1</sup> Includes tobacco manufactures, products of petroleum and coal, rubber products, and miscellaneous manufacturing industries.]

Series based on the 1942 Social Security Board Classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Maryland Department of Employment Security.

**DISTRICT OF COLUMBIA**

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing <sup>1</sup> .....	16.6	16.6	16.7	16.9	16.6	17.3	17.1	16.6	17.3	17.1	16.8	17.5
	Percent change											
	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49		
All manufacturing.....		0.6	-1.8	4.2	-2.9	4.2	-1.8	4.2				

<sup>1</sup> Detailed industry data in process of preparation: consult the sources cited. Series based on the 1945 Standard Industrial Classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with the United States Employment Service for the District of Columbia.

**WEST VIRGINIA**

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing <sup>1</sup> .....	137.8	138.0	134.5	139.0	142.9	126.4	138.5	141.3	127.2	137.5	139.5	
	Percent change											
	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49		
All manufacturing.....	0.1	-2.5	2.8	-11.5	2.0	-10.0	1.5					

<sup>1</sup> Detailed industry data in process of preparation: consult the sources cited. Series based on the 1945 Standard Industrial Classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with the West Virginia Department of Employment Security.



## C. EMPLOYMENT—Continued

## 3. Hours and earnings of production workers in manufacturing

State	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949 <sup>1</sup>	1947	1948	1949 <sup>2</sup>
Average weekly earnings												
United States.....	\$48.28	\$52.92	\$54.74	\$50.13	\$53.87	\$54.51	\$51.31	\$55.16	\$55.72	\$53.48	\$56.14	\$56.20
Middle Atlantic:												
New York.....	53.21	56.88	58.69	53.52	56.97	55.69	54.94	59.39	.....	56.85	59.73	.....
New Jersey.....	52.48	56.71	58.68	53.12	57.38	58.70	54.53	59.25	.....	56.38	59.97	.....
Pennsylvania.....	43.90	49.91	52.58	47.15	50.38	50.94	47.50	52.73	.....	49.77	53.39	.....
Delaware.....	43.57	47.11	49.68	43.76	47.37	48.55	43.03	46.62	.....	46.84	51.08	.....
Average weekly hours												
United States.....	40.4	40.4	39.1	40.3	40.2	38.8	40.5	39.8	39.6	41.3	40.1	39.8
Middle Atlantic:												
New York.....	40.3	39.8	38.6	39.8	39.5	38.0	39.7	39.6	.....	40.4	39.6	.....
New Jersey.....	41.5	41.1	40.0	41.0	40.9	39.7	41.2	40.9	.....	41.6	40.9	.....
Pennsylvania.....	39.4	40.0	39.0	39.8	39.8	38.0	39.1	39.5	.....	40.4	39.7	.....
Delaware.....	40.2	40.0	39.3	40.1	40.0	38.5	41.1	41.6	.....	40.6	40.2	.....
Average hourly earnings												
United States.....	\$1.20	\$1.31	\$1.40	\$1.24	\$1.34	\$1.41	\$1.27	\$1.39	\$1.41	\$1.30	\$1.40	\$1.41
Middle Atlantic:												
New York.....	1.32	1.43	1.52	1.34	1.44	1.47	1.38	1.50	.....	1.41	1.51	.....
New Jersey.....	1.26	1.38	1.47	1.30	1.40	1.47	1.32	1.45	.....	1.36	1.46	.....
Pennsylvania.....	1.12	1.25	1.35	1.18	1.27	1.34	1.21	1.34	.....	1.23	1.34	.....
Delaware.....	1.08	1.18	1.26	1.09	1.18	1.26	1.05	1.12	.....	1.15	1.27	.....

<sup>1</sup> Revised series not comparable with preceding data shown.<sup>2</sup> Preliminary.

NOTE.—Figures are not available for other Middle Atlantic States.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with agencies of the respective States.

## D. UNEMPLOYMENT

## 1. Workers covered by State unemployment compensation laws and number of first payments issued, 1940 and 1948

State	Average monthly covered employment					Number of first payments issued (in thousands)	
	Number (in thousands)		Percent of total		Percent increase, 1940-48	1940	1948
	1940	1948	1940	1948			
United States.....	23,007.5	32,856.9	100.0	100.0	42.8	5,211.7	3,993.7
Middle Atlantic.....	7,590.0	10,064.5	33.0	30.6	32.6	1,694.5	1,380.9
New York.....	3,313.1	4,360.1	14.4	13.3	31.6	867.1	760.9
New Jersey.....	974.0	1,310.0	4.2	4.0	34.5	204.0	207.9
Pennsylvania.....	2,369.1	3,116.0	10.3	9.5	31.5	463.9	268.9
Delaware.....	67.6	92.6	3	3	37.0	12.8	6.2
Maryland.....	396.6	564.9	1.7	1.7	42.4	76.5	79.2
District of Columbia.....	176.8	221.2	8	7	25.1	20.4	13.1
West Virginia.....	292.8	399.7	1.3	1.2	36.5	49.8	44.7

<sup>1</sup> Includes domestic workers covered by State law (approximately 24,300 monthly employment).

Source: U. S. Department of Labor, Bureau of Employment Security.

## 2. Continued claims for unemployment benefits

State	Mid-March <sup>1</sup>							
	Number of continued claims			Percent change <sup>2</sup>		Ratio of claimants to covered workers <sup>3</sup>		
	Mar. 22, 1947	Mar. 20, 1948	Mar. 19, 1949	1947-48	1948-49	Mar. 22, 1947	Mar. 20, 1948	Mar. 19, 1949
United States.....	1,120,196	1,071,721	1,949,746	-4.3	81.9	3.7	3.3	5.9
Middle Atlantic.....	390,616	346,680	578,663	-11.2	66.9	4.2	3.5	5.7
New York.....	194,642	183,231	313,693	-5.9	71.2	4.8	4.3	7.2
New Jersey.....	62,144	60,343	81,714	-2.9	35.4	5.1	4.7	6.2
Pennsylvania.....	97,400	72,847	132,162	-25.2	81.4	3.4	2.4	4.2
Delaware.....	2,592	1,927	2,663	-25.7	38.2	3.1	2.2	2.9
Maryland.....	13,160	12,566	24,824	-4.5	97.5	2.5	2.3	4.4
District of Columbia.....	5,076	5,112	5,778	7	13.0	2.4	2.4	2.6
West Virginia.....	15,602	10,654	17,829	-31.7	67.3	4.5	2.8	4.5

State	Mid-June <sup>1</sup>							
	Number of continued claims			Percent change <sup>2</sup>		Ratio of claimants to covered workers <sup>3</sup>		
	June 21, 1947	June 19, 1948	June 18, 1949	1947-48	1948-49	June 21, 1947	June 19, 1948	June 18, 1949
United States.....	1,169,812	1,016,451	2,007,440	-13.1	97.5	3.9	3.2	6.1
Middle Atlantic.....	450,269	345,493	627,277	-23.3	81.6	4.8	3.5	6.2
New York.....	253,207	211,538	331,245	-16.5	56.6	6.2	4.9	7.6
New Jersey.....	67,639	55,155	99,776	-18.5	80.9	5.5	4.3	7.6
Pennsylvania.....	96,290	62,180	130,683	-45.8	150.4	3.4	1.7	4.2
Delaware.....	1,577	1,215	2,292	-23.0	88.6	1.9	1.4	2.5
Maryland.....	17,006	14,530	36,986	-14.6	164.5	3.3	2.6	6.5
District of Columbia.....	3,154	3,255	4,044	3.2	24.2	1.5	1.5	1.8
West Virginia.....	11,396	7,620	22,251	-33.1	192.0	3.3	2.0	5.6

See footnotes at end of table, p. 108.

## D. UNEMPLOYMENT—Continued

## 2. Continued claims for unemployment benefits—Continued

State	Mid-September <sup>1</sup>							
	Number of continued claims			Percent change <sup>2</sup>		Ratio of claimants to covered workers <sup>3</sup>		
	Sept. 20, 1947	Sept. 25, 1948	Sept. 24, 1949	1947-48	1948-49	Sept. 20, 1947	Sept. 25, 1948	Sept. 24, 1949
United States.....	866,361	821,725	1,902,578	-5.2	131.5	2.9	2.6	5.8
Middle Atlantic.....	335,490	298,164	709,755	-11.1	138.0	3.6	3.0	7.1
New York.....	195,712	190,811	353,260	-2.5	85.1	4.8	4.4	8.1
New Jersey.....	46,990	36,818	80,516	-21.6	118.7	3.8	2.9	6.1
Pennsylvania.....	71,902	51,961	216,814	-27.7	317.3	2.5	1.7	7.0
Delaware.....	850	882	3,075	3.8	248.6	1.0	1.0	3.3
Maryland.....	8,558	8,281	26,313	-3.2	217.8	1.6	1.5	4.7
District of Columbia.....	3,022	2,589	4,811	-14.3	85.8	1.4	1.2	2.2
West Virginia.....	8,456	6,822	24,966	-19.3	266.0	2.4	1.8	6.2

State	Mid-December <sup>1</sup>							
	Number of continued claims			Percent change <sup>2</sup>		Ratio of claimants to covered workers <sup>3</sup>		
	Dec. 13, 1947	Dec. 18, 1948	Dec. 17, 1949	1947-48	1948-49	Dec. 13, 1947	Dec. 18, 1948	Dec. 17, 1949
United States.....	783,889	1,129,265	-----	44.1	-----	2.6	3.5	-----
Middle Atlantic.....	289,365	391,304	-----	35.2	-----	3.1	4.0	-----
New York.....	173,879	247,244	-----	42.2	-----	4.3	5.8	-----
New Jersey.....	45,085	49,092	-----	8.9	-----	3.7	3.8	-----
Pennsylvania.....	51,433	68,299	-----	32.8	-----	1.8	2.3	-----
Delaware.....	1,019	1,382	-----	35.6	-----	1.2	1.5	-----
Maryland.....	2,075	12,877	-----	59.5	-----	1.5	2.3	-----
Dist. of Columbia.....	2,990	3,109	-----	4.0	-----	1.4	1.5	-----
West Virginia.....	6,884	9,301	-----	35.1	-----	2.0	2.5	-----

<sup>1</sup> Dates were selected to minimize as far as possible such noneconomic factors as holidays and new benefit years.

<sup>2</sup> Increase unless otherwise indicated.

<sup>3</sup> The rate of unemployment was obtained by dividing the number of claims by the annual average number of persons covered in the previous year.

Source: U. S. Department of Labor, Bureau of Employment Security

## D. UNEMPLOYMENT—Continued

## 3. Weeks compensated, 1940 and 1948

[In thousands]

State	1940					1948				
	Total for year	March	June	September	December	Total for year	March	June	September	December
United States.....	51,012	4,574	5,324	3,603	2,973	42,550	4,230	3,859	3,114	4,044
Middle Atlantic.....	15,926	1,246	1,902	1,074	874	15,327	1,455	1,300	1,172	1,415
New York.....	8,581	543	1,183	598	505	8,995	749	715	727	905
New Jersey.....	1,689	181	167	97	91	2,469	266	240	176	165
Pennsylvania.....	4,065	383	361	272	193	2,699	306	240	196	241
Delaware.....	104	13	8	6	7	58	8	5	3	4
Maryland.....	778	63	99	49	35	586	55	61	34	51
District of Columbia.....	219	27	16	17	18	178	22	15	13	13
West Virginia.....	491	36	69	35	25	343	49	25	22	35

Source: U. S. Department of Labor, Bureau of Employment Security.

## 4. Exhaustion of benefit rights and estimated average duration of benefits, 1948

State	Exhaustions of benefits		Estimated average duration (weeks) <sup>2</sup>
	Number	As percent of first payments <sup>1</sup>	
United States:			
1940 <sup>3</sup> .....	2,506,128	50.6	9.9
1948.....	1,024,274	27.5	10.7
Middle Atlantic.....	267,963	20.6	11.1
New York.....	111,080	15.8	11.8
New Jersey.....	62,871	30.2	11.9
Pennsylvania.....	69,306	27.1	10.0
Delaware.....	1,704	28.0	9.4
Maryland.....	10,199	13.5	7.4
District of Columbia.....	6,371	49.1	13.6
West Virginia.....	6,432	15.9	7.7

<sup>1</sup> Exhaustions for calendar year as percent of first payments for 12-month period ended in September.<sup>2</sup> Represents number of weeks compensated, divided by number of first payments in calendar year.<sup>3</sup> No State break-downs available for 1940. The 1940 figures exclude Indiana and Wisconsin and include Alaska and Hawaii.

Source: U. S. Department of Labor, Bureau of Employment Security.

## 5. Average weekly benefit for total unemployment, 1940 and 1948

State	1940	1948
United States.....	<sup>1</sup> \$10.56	<sup>1</sup> \$19.03
Middle Atlantic:		
New York <sup>2</sup> .....	11.58	20.72
New Jersey.....	9.46	19.91
Pennsylvania.....	10.90	17.36
Delaware.....	8.96	15.42
Maryland.....	8.96	18.70
District of Columbia.....	9.71	16.99
West Virginia.....	8.00	15.74

<sup>1</sup> United States average includes Alaska and Hawaii.<sup>2</sup> Maximum weekly benefit amount changed by law during 1948.

NOTE.—Dependents' allowances are included. Data are corrected to June 20, 1949.

Source: U. S. Department of Labor, Bureau of Employment Security.

## E. MANUFACTURING

## 1. Establishments, production workers, and value added by manufacture, 1939 and 1947

## NEW YORK

Major industry group	Establishments, number		Production workers				Value added by manufacture			
			Number		Percent		Amount (in thousands of dollars)		Percent	
	1939	1947	1939	1947	1939	1947	1939	1947	1939	1947
All industries.....	32, 672	47, 819	949, 362	1, 424, 705	100. 0	100. 0	3, 313, 649	9, 666, 588	100. 0	100. 0
Food and kindred products.....	3, 594	3, 340	82, 953	100, 518	8. 7	7. 1	444, 153	977, 329	13. 4	10. 1
Tobacco manufactures.....	144	165	2, 440	2, 009	. 3	. 1	4, 769	7, 527	. 1	. 1
Textile mill products.....	1, 155	1, 850	76, 339	81, 081	8. 0	5. 7	173, 965	429, 142	5. 2	4. 4
Apparel and related products.....	11, 165	17, 382	250, 568	333, 794	26. 4	23. 4	609, 450	2, 009, 113	18. 4	20. 8
Lumber and products, except furniture.....	664	1, 023	15, 140	15, 140	1. 1	1. 1	25, 361	69, 311	. 8	. 7
Furniture and fixtures.....	1, 036	1, 460	20, 657	32, 463	2. 2	2. 3	57, 462	187, 270	1. 7	1. 9
Paper and allied products.....	777	936	40, 634	55, 806	4. 3	3. 9	128, 519	373, 557	3. 9	3. 9
Printing and publishing industries.....	4, 548	5, 063	64, 591	87, 757	6. 8	6. 2	446, 629	1, 127, 727	13. 5	11. 7
Chemicals and allied products.....	1, 152	1, 420	32, 163	49, 344	3. 4	3. 5	240, 967	596, 038	7. 3	6. 2
Petroleum and coal products.....	62	84	4, 252	6, 433	. 4	. 5	26, 866	59, 594	. 8	. 6
Rubber products.....	68	88	6, 364	7, 388	. 7	. 5	22, 193	48, 952	. 7	. 5
Leather and leather products.....	950	1, 960	53, 627	63, 104	5. 6	4. 4	92, 883	293, 066	2. 8	3. 0
Stone, clay, and glass products.....	721	1, 020	21, 059	33, 189	2. 2	2. 3	74, 060	209, 104	2. 3	2. 2
Primary metal industries.....	305	440	40, 582	66, 610	4. 3	4. 7	148, 134	368, 778	4. 5	3. 8
Fabricated metal products.....	1, 600	2, 765	46, 231	74, 987	4. 8	5. 3	144, 811	461, 532	4. 4	4. 8
Machinery (except electrical).....	1, 050	2, 023	47, 167	110, 100	5. 0	7. 7	158, 025	678, 701	4. 8	7. 0
Electrical machinery.....	329	734	26, 990	77, 615	3. 2	5. 4	104, 727	459, 020	3. 2	4. 7
Transportation equipment.....	252	369	33, 901	75, 162	3. 6	5. 3	117, 416	408, 432	3. 5	4. 2
Instruments and related products.....	385	803	30, 082	62, 326	3. 2	4. 4	149, 422	414, 299	4. 5	4. 3
Miscellaneous manufactures.....	2, 715	4, 894	56, 559	89, 879	6. 0	6. 3	143, 237	488, 046	4. 3	5. 0

NEW JERSEY

All industries.....	7, 438	10, 755	431, 562	601, 748	100.0	100.0	1, 518, 269	4, 177, 080	100.0	100.0
Food and kindred products.....	1, 152	976	28, 533	35, 803	6.6	5.9	147, 125	354, 821	9.7	8.5
Tobacco manufactures.....	46	37	10, 244	4, 943	2.4	.8	18, 746	29, 829	1.2	.7
Textile mill products.....	624	827	56, 522	56, 734	13.1	9.4	129, 198	326, 239	8.5	7.8
Apparel and related products.....	1, 405	2, 156	64, 996	65, 694	15.1	10.9	90, 764	252, 037	6.0	6.0
Lumber and products, except furniture.....	198	212	3, 634	4, 452	.8	.7	9, 807	24, 188	.6	.6
Furniture and fixtures.....	151	260	4, 081	6, 706	.9	1.1	12, 289	37, 900	.8	.9
Paper and allied products.....	165	243	12, 056	18, 086	2.8	3.0	43, 865	154, 568	2.9	3.7
Printing and publishing industries.....	722	855	11, 501	14, 087	2.7	2.3	46, 193	109, 228	3.0	2.6
Chemicals and allied products.....	573	737	35, 155	59, 760	8.1	9.9	304, 008	744, 601	20.0	17.8
Petroleum and coal products.....	53	58	8, 862	13, 307	2.1	2.2	85, 618	212, 807	5.6	5.1
Rubber products.....	56	78	10, 252	14, 126	2.4	2.3	26, 448	80, 017	1.7	1.9
Leather and leather products.....	168	227	10, 305	9, 182	2.4	1.5	19, 422	50, 945	1.3	1.2
Stone, clay, and glass products.....	300	477	17, 947	24, 662	4.2	4.1	55, 317	142, 596	3.6	3.4
Primary metal industries.....	181	278	26, 547	33, 013	6.2	5.5	79, 402	216, 426	5.2	5.2
Fabricated metal products.....	458	866	23, 184	35, 707	5.4	5.9	70, 675	210, 443	4.7	5.0
Machinery (except electrical).....	418	955	23, 609	51, 761	5.5	8.6	87, 842	334, 610	5.8	8.0
Electrical machinery.....	161	351	34, 146	70, 867	7.9	11.8	131, 165	393, 992	8.6	9.4
Transportation equipment.....	95	166	24, 733	34, 490	5.7	5.7	84, 446	221, 725	5.6	5.3
Instruments and related products.....	62	143	5, 618	13, 678	1.3	2.3	23, 130	80, 968	1.5	1.9
Miscellaneous manufactures.....	450	813	19, 637	34, 690	4.6	5.8	53, 169	199, 140	3.5	4.8

PENNSYLVANIA

All industries.....	13, 116	16, 789	853, 371	1, 219, 426	100.0	100.0	2, 476, 862	6, 946, 958	100.0	100.0
Food and kindred products.....	3, 002	2, 789	60, 016	78, 396	7.0	6.4	274, 338	586, 025	11.1	8.4
Tobacco manufactures.....	151	240	16, 418	18, 228	1.9	1.5	34, 625	66, 310	1.4	1.0
Textile mill products.....	1, 116	1, 340	141, 201	126, 929	16.5	10.4	282, 815	621, 448	10.6	8.9
Apparel and related products.....	1, 345	2, 121	93, 406	132, 063	10.9	10.8	133, 442	434, 044	5.4	6.2
Lumber and products, except furniture.....	639	1, 106	8, 204	14, 294	1.0	1.2	16, 673	49, 425	.7	.7
Furniture and fixtures.....	346	457	12, 431	16, 474	1.5	1.4	24, 373	73, 049	1.0	1.1
Paper and allied products.....	300	371	21, 725	30, 865	2.5	2.5	73, 722	205, 773	3.0	3.0
Printing and publishing industries.....	1, 638	1, 799	28, 906	36, 528	3.4	3.0	143, 672	339, 556	5.8	4.9
Chemicals and allied products.....	570	703	22, 265	32, 403	2.6	2.7	115, 773	314, 770	4.7	4.5
Petroleum and coal products.....	149	191	15, 429	23, 314	1.8	1.9	79, 222	243, 190	3.2	3.5
Rubber products.....	33	57	4, 624	12, 341	.5	1.0	19, 001	81, 630	.8	1.2
Leather and leather products.....	250	327	27, 875	28, 685	3.3	2.4	51, 203	125, 141	2.1	1.8
Stone, clay, and glass products.....	740	932	42, 578	64, 394	5.0	5.3	132, 082	339, 841	5.3	4.9
Primary metal industries.....	465	586	176, 781	231, 324	20.7	19.0	522, 154	1, 219, 402	21.1	17.5
Fabricated metal products.....	761	1, 203	48, 968	96, 677	5.7	7.9	144, 214	533, 319	5.8	7.7
Machinery (except electrical).....	768	1, 280	44, 972	108, 664	5.3	8.9	172, 581	665, 443	7.0	9.6
Electrical machinery.....	133	251	29, 299	72, 450	3.4	5.9	110, 547	509, 145	4.5	7.3
Transportation equipment.....	124	135	31, 010	53, 648	3.6	4.4	87, 826	314, 353	3.5	4.5
Instruments and related products.....	122	176	9, 067	15, 901	1.1	1.3	34, 450	94, 270	1.4	1.4
Miscellaneous manufactures.....	464	725	18, 166	25, 848	2.1	2.1	44, 149	131, 334	1.8	1.9

E. MANUFACTURING—Continued

1. Establishments, production workers, and value added by manufacture, 1939 and 1947—Continued

DELAWARE

Major industry group	Establishments, number		Production workers				Value added by manufacture			
			Number		Percent		Amount (in thousands of dollars)		Percent	
	1939	1947	1939	1947	1939	1947	1939	1947	1939	1947
All industries.....	416	482	19,825	29,014	100.0	100.0	\$54,085	\$182,088	100.0	100.0
Food and kindred products.....	144	118	2,574	4,412	13.0	15.2	7,015	22,591	13.0	12.4
Textile mill products.....	23	36	2,378	2,322	12.0	8.0	5,989	12,320	11.0	6.8
Apparel and related products.....	26	28	2,080	2,207	10.5	7.6	2,397	11,269	4.4	6.2
Paper and allied products.....	14	10	788	736	4.0	2.5	2,184	8,050	4.0	4.4
Printing and publishing industries.....	39	42	455	605	2.3	2.1	2,134	4,038	3.9	2.2
Chemicals and allied products.....	28	38	2,088	5,600	10.5	19.3	12,226	59,863	22.6	32.9
Leather and leather products.....	14	13	2,612	2,563	13.2	8.8	4,436	14,916	8.2	8.2
Stone, clay, and glass products.....	22	34	166	231	.8	.8	444	1,011	.8	.6
Primary metal industries.....	7	6	1,509	1,719	7.6	5.9	3,531	7,555	6.5	4.1
Fabricated metal products.....	17	26	628	1,754	3.2	6.0	2,364	9,535	4.4	5.2
Machinery (except electrical).....	9	23	873	2,261	4.4	7.8	2,751	12,250	5.1	6.7
Transportation equipment.....	11	9	779	814	3.9	2.8	1,502	2,609	2.8	1.4
Miscellaneous manufactures.....	15	31	1,189	1,208	6.0	4.2	2,603	4,692	4.8	2.3
All other major industry groups.....	47	68	1,706	2,582	8.6	8.9	4,509	11,989	8.3	6.6

MARYLAND

All industries.....	2, 712	2, 825	140, 930	188, 639	100.0	100.0	420, 589	1, 138, 407	100.0	100.0
Food and kindred products.....	814	705	20, 052	25, 842	14.2	13.7	69, 134	189, 486	16.4	16.6
Tobacco manufactures.....	7	5	181	151	.1	.1	255	401	.1	(1)
Textile mill products.....	49	48	5, 999	5, 421	4.3	2.9	10, 411	24, 517	2.5	2.2
Apparel and related products.....	462	417	23, 691	21, 274	16.8	11.3	35, 844	93, 695	8.5	8.2
Lumber and products, except furniture.....	142	227	2, 882	3, 946	2.0	2.1	5, 413	13, 112	1.3	1.2
Furniture and fixtures.....	80	92	1, 971	2, 330	1.4	1.2	3, 959	10, 070	.9	.9
Paper and allied products.....	45	49	3, 534	4, 770	2.5	2.5	8, 292	25, 262	2.0	2.2
Printing and publishing industries.....	333	338	5, 290	6, 607	3.8	3.5	21, 987	54, 241	5.2	4.8
Chemicals and allied products.....	156	180	12, 078	14, 305	8.6	7.6	57, 447	142, 559	13.7	12.5
Petroleum and coal products.....	21	16	1, 485	1, 955	1.1	1.0	8, 739	18, 016	2.1	1.6
Rubber products.....	17	13	1, 811	4, 789	1.3	2.5	4, 659	27, 088	1.1	2.4
Leather and leather products.....	27	28	3, 349	3, 020	2.4	1.6	4, 757	10, 422	1.1	.9
Stone, clay, and glass products.....	135	160	4, 433	5, 994	3.1	3.2	13, 473	33, 472	3.2	2.9
Primary metal products.....	41	48	20, 055	26, 521	14.2	14.1	72, 451	158, 832	17.2	14.0
Fabricated metal products.....	143	155	9, 506	14, 686	6.7	7.8	30, 634	83, 150	7.3	7.3
Machinery (except electrical).....	70	130	3, 383	8, 123	2.4	4.3	11, 312	44, 269	2.7	3.9
Electrical machinery.....	14	25	2, 006	6, 107	1.4	3.2	11, 762	34, 812	2.8	3.1
Transportation equipment.....	47	62	15, 066	27, 515	10.7	14.6	40, 967	150, 823	9.7	13.2
Instruments and related products.....	11	24	275	657	.2	.3	921	3, 680	.2	.3
Miscellaneous manufactures.....	98	103	3, 883	4, 626	2.8	2.5	8, 172	20, 500	1.9	1.8

DISTRICT OF COLUMBIA

All industries.....	452	428	7, 676	10, 007	100.0	100.0	43, 367	99, 067	100.0	100.0
Food and kindred products.....	112	87	2, 764	3, 166	36.0	31.6	14, 122	26, 800	32.6	27.1
Apparel and related products.....	10	18	74	209	1.0	2.1	270	676	.6	.7
Paper and allied products.....	7	7	468	638	6.1	6.4	1, 665	5, 027	3.8	5.1
Printing and publishing industries.....	223	213	3, 124	4, 512	40.7	45.1	22, 587	58, 557	52.1	59.1
Chemicals and allied products.....	15	14	74	115	1.0	1.1	616	1, 216	1.4	1.2
Stone, clay, and glass products.....	18	12	477	271	6.2	2.7	1, 714	1, 438	4.0	1.5
Fabricated metal products.....	19	23	298	412	3.9	4.1	941	1, 896	2.2	1.9
Electrical machinery.....	4	5	37	140	.5	1.4	129	615	.3	.6
Instruments and related products.....	6	10	53	116	.7	1.2	239	667	.6	.7
Miscellaneous manufactures.....	16	17	67	116	.9	1.2	302	658	.7	.7
All other major industry groups.....	22	22	240	312	3.1	3.1	782	1, 517	1.8	1.5

<sup>1</sup> Less than 0.05 percent.



## E. MANUFACTURING—Continued

## 1. Establishments, production workers, and value added by manufacture, 1939 and 1947—Continued

## WEST VIRGINIA

Major industry group	Establishments, number		Production workers				Value added by manufacture			
			Number		Percent		Amount (in thousands of dollars)		Percent	
	1939	1947	1939	1947	1939	1947	1939	1947	1939	1947
All industries.....	1,094	1,602	74,411	108,984	100.0	100.0	213,284	663,903	100.0	100.0
Food and kindred products.....	318	291	3,215	4,370	4.3	4.0	12,338	31,027	5.8	4.7
Textile mill products.....	14	15	3,293	3,554	4.4	3.3	6,258	14,531	2.9	2.2
Apparel and related products.....	16	27	2,023	3,622	2.7	3.3	2,135	8,562	1.0	1.3
Lumber and products, except furniture.....	221	484	6,027	7,564	8.1	6.9	8,933	22,497	4.2	3.4
Furniture and fixtures.....	10	27	259	805	.3	.7	598	3,103	.3	.5
Paper and allied products.....	16	20	1,352	1,408	1.8	1.3	3,698	7,926	1.7	1.2
Printing and publishing industries.....	147	185	1,296	1,682	1.7	1.5	6,606	13,939	3.1	2.1
Chemicals and allied products.....	41	47	8,746	14,719	11.8	13.5	46,908	175,898	22.0	26.5
Petroleum and coal products.....	18	32	1,295	2,077	1.7	1.9	4,752	18,614	2.2	2.8
Rubber products.....	1	4	(?)	129	.....	.1	(?)	321	.....	(1)
Leather and leather products.....	11	11	1,574	1,653	2.1	1.5	3,193	7,492	1.5	1.1
Stone, clay, and glass products.....	140	237	18,352	27,624	24.7	25.3	45,948	134,629	21.5	20.3
Primary metal industries.....	31	36	16,122	19,384	21.7	17.8	47,940	123,665	22.5	18.6
Fabricated metal products.....	38	48	6,505	9,434	8.7	8.7	13,680	46,082	6.4	6.9
Machinery (except electrical).....	30	58	1,155	2,631	1.6	2.4	2,927	14,996	1.4	2.3
Electrical machinery.....	10	17	559	4,218	.8	3.9	2,305	24,517	1.1	3.7
Instruments and related products.....	3	8	(?)	78	.....	.1	(?)	296	.....	(1)
Miscellaneous manufactures.....	18	37	1,093	1,327	1.5	1.2	2,009	3,759	.9	.6
All other major industry groups.....	11	18	1,529	2,705	2.1	2.5	3,007	12,049	1.4	1.8

<sup>1</sup> Withheld to avoid disclosing figures for individual companies.

Source: 1947 Census of Manufactures, Final State Reports (Series MC100). Although 1939 data have been adjusted wherever possible to the Standard Industrial Classification used for the 1947 census, figures given for the 2 periods are not in every case completely comparable. For full descriptions of the small variations remaining in various industry groups, see the industry volume of the 1947 Census of Manufactures (vol. II).

## E. MANUFACTURING—Continued

## 2. Production workers, 1939 and 1947

State	1939	1947	Change <sup>1</sup>		1939	1947	Change <sup>1</sup>	
			Number	Per cent			Number	Per cent
	All industries				Food and kindred products			
United States.....	7,808,205	11,916,188	4,107,983	53	802,133	1,099,478	297,345	37
Middle Atlantic.....	2,477,137	3,532,523	1,105,386	45	200,107	252,507	52,400	26
New York.....	949,362	1,424,705	475,343	50	82,953	100,518	17,565	21
New Jersey.....	431,562	601,748	170,186	39	28,533	35,803	7,270	25
Pennsylvania.....	853,371	1,219,426	366,055	43	60,016	78,396	18,380	31
Delaware.....	19,825	29,014	9,189	46	2,574	4,412	1,838	71
Maryland.....	140,930	188,639	47,709	34	20,052	25,842	5,790	29
District of Columbia.....	7,676	10,007	2,331	30	2,764	3,166	402	15
West Virginia.....	74,411	108,984	34,573	46	3,215	4,370	1,155	36
	Tobacco manufactures				Textile mill products			
United States.....	87,525	103,289	15,764	18	1,081,710	1,147,194	65,484	6
Middle Atlantic.....	430,166	420,337	-----	-----	285,732	276,041	-9,691	-3
New York.....	2,440	2,009	-431	-18	76,339	81,081	4,742	6
New Jersey.....	10,244	4,943	-5,301	-52	56,522	56,734	212	( <sup>2</sup> )
Pennsylvania.....	16,418	18,228	1,810	11	141,201	126,929	-14,272	-10
Delaware.....	( <sup>3</sup> )	( <sup>3</sup> )	-----	-----	2,378	2,322	-56	-2
Maryland.....	181	151	-30	-17	5,999	5,421	-578	-10
District of Columbia.....	-----	-----	-----	-----	-----	-----	-----	-----
West Virginia.....	883	1,006	123	14	3,293	3,554	261	8
	Apparel and related products				Lumber and products, except furniture			
United States.....	752,829	972,897	220,068	29	422,947	596,118	173,171	41
Middle Atlantic.....	436,838	558,863	122,025	28	31,962	46,736	14,774	46
New York.....	250,568	333,794	83,226	33	10,203	15,140	4,937	48
New Jersey.....	64,996	65,694	698	1	3,634	4,452	818	23
Pennsylvania.....	93,406	132,063	38,657	41	8,204	14,294	6,090	74
Delaware.....	2,080	2,207	127	6	660	1,252	292	30
Maryland.....	23,691	21,274	-2,417	-10	2,882	3,946	1,064	37
District of Columbia.....	74	209	135	-----	52	88	36	-----
West Virginia.....	2,023	3,622	1,599	79	6,027	7,564	1,537	26
	Furniture and fixtures				Paper and allied products			
United States.....	189,382	282,780	93,398	49	270,239	388,901	118,662	44
Middle Atlantic.....	39,512	58,968	19,456	49	80,557	112,309	31,752	39
New York.....	20,657	32,463	11,806	57	40,634	55,806	15,172	37
New Jersey.....	4,081	6,706	2,625	64	12,056	18,086	6,030	50
Pennsylvania.....	12,431	16,474	4,043	33	21,725	30,865	9,140	42
Delaware.....	17	15	-2	-12	788	736	-52	-7
Maryland.....	1,971	2,330	359	18	3,534	4,770	1,236	35
District of Columbia.....	96	175	79	82	468	638	170	36
West Virginia.....	259	805	546	211	1,352	1,408	56	4
	Printing and publishing industries				Chemicals and allied products			
United States.....	324,371	438,135	113,764	35	275,669	466,458	190,789	69
Middle Atlantic.....	115,163	151,778	36,615	32	112,569	176,246	63,677	57
New York.....	64,591	87,757	23,166	36	32,163	49,344	17,181	53
New Jersey.....	11,501	14,087	2,586	22	35,155	59,760	24,605	70
Pennsylvania.....	28,906	36,528	7,622	26	22,265	32,403	10,138	46
Delaware.....	455	605	150	33	2,088	5,600	3,512	168
Maryland.....	5,290	6,607	1,317	25	12,078	14,305	2,227	18
District of Columbia.....	3,124	4,512	1,388	44	74	115	41	55
West Virginia.....	1,296	1,682	386	30	8,746	14,719	5,973	68

See footnotes at end of table, p. 117.

## E. MANUFACTURING—Continued

2. *Production workers, 1939 and 1947—Continued*

State	1939	1947	Change <sup>1</sup>		1939	1947	Change <sup>1</sup>	
			Number	Per- cent			Number	Per- cent
	Products of petroleum and coal				Rubber products			
United States.....	107,695	169,610	61,915	57	120,740	214,533	93,793	78
Middle Atlantic.....	31,384	47,204	15,820	50	* 23,051	* 38,773		
New York.....	4,252	6,433	2,181	51	6,364	7,388	1,024	16
New Jersey.....	8,862	13,307	4,445	50	10,252	14,126	3,874	38
Pennsylvania.....	15,429	23,314	7,885	51	4,624	12,341	7,717	167
Delaware.....	61	118	57		(?)	(?)		
Maryland.....	1,485	1,955	470	32	1,811	4,789	2,978	164
District of Columbia.....								
West Virginia.....	1,295	2,077	782	60	(?)	129		
	Leather and leather products				Stone, clay, and glass products			
United States.....	327,189	348,529	21,340	7	267,094	* 405,755	138,661	52
Middle Atlantic.....	99,342	108,207	8,865	9	105,012	156,365	51,363	49
New York.....	53,627	63,104	9,477	18	21,059	33,189	12,130	58
New Jersey.....	10,305	9,182	-1,123	-11	17,947	24,662	6,715	37
Pennsylvania.....	27,875	28,685	810	3	42,578	64,394	21,816	51
Delaware.....	2,612	2,563	-49	-2	166	231	65	39
Maryland.....	3,349	3,020	-329	-10	4,433	5,994	1,561	35
District of Columbia.....					477	271	-206	-43
West Virginia.....	1,574	1,653	79	5	18,352	27,624	9,272	51
	Primary metal industries				Fabricated metal products			
United States.....	672,438	1,010,055	337,617	50	451,087	822,514	371,427	82
Middle Atlantic.....	281,596	378,571	96,975	34	134,320	233,657	99,337	74
New York.....	40,582	66,610	26,028	64	45,231	74,987	29,756	66
New Jersey.....	26,547	33,013	6,466	24	23,184	35,707	12,523	54
Pennsylvania.....	176,781	231,324	54,543	31	48,968	96,677	47,709	97
Delaware.....	1,509	1,719	210	14	628	1,754	1,126	179
Maryland.....	20,055	26,521	6,466	32	9,506	14,686	5,180	54
District of Columbia.....					298	412	114	38
West Virginia.....	16,122	19,384	3,262	20	6,505	9,434	2,929	45
	Machinery (except electrical)				Electrical machinery			
United States.....	536,082	1,244,135	708,053	132	247,930	639,147	391,217	158
Middle Atlantic.....	121,184	283,589	162,405	134	* 96,037	* 231,397		
New York.....	47,167	110,100	62,933	133	29,990	77,615	47,625	159
New Jersey.....	23,609	51,761	28,152	119	34,146	70,867	36,721	108
Pennsylvania.....	44,972	108,694	63,692	142	29,299	72,450	43,151	147
Delaware.....	573	2,261	1,388	159	(?)	(?)		
Maryland.....	3,383	8,123	4,740	140	2,006	6,107	4,101	204
District of Columbia.....	25	49	24		37	140	103	
West Virginia.....	1,155	2,631	1,476	128	559	4,218	3,659	

<sup>1</sup> See footnotes at end of table, p. 117.

## E. MANUFACTURING—Continued

## 2. Production workers, 1939 and 1947—Continued

State	1939	1947	Change <sup>1</sup>		1939	1947	Change <sup>1</sup>	
			Number	Per cent			Number	Per cent
	Transportation equipment				Instruments and related products			
United States.....	544,553	987,142	442,599	81	84,867	181,939	97,072	114
Middle Atlantic.....	106,135	193,328	87,193	82	45,125	92,982		
New York.....	33,901	75,162	41,261	122	30,082	62,326	32,244	107
New Jersey.....	24,733	34,490	9,757	39	5,618	13,678	8,060	143
Pennsylvania.....	31,010	53,648	22,638	73	9,097	15,901	6,804	75
Delaware.....	779	814	35	4	(?)	226		
Maryland.....	15,066	27,515	12,449	83	275	657	382	139
District of Columbia.....					53	116	63	
West Virginia.....	646	1,699	1,053	163	(?)	78		
	Miscellaneous manufactures							
United States.....	241,725	397,579	155,854	64				
Middle Atlantic.....	100,594	157,694	57,100	57				
New York.....	56,559	89,879	33,320	59				
New Jersey.....	19,637	34,690	15,053	77				
Pennsylvania.....	18,166	25,848	7,682	42				
Delaware.....	1,189	1,208	19	2				
Maryland.....	3,883	4,626	743	19				
District of Columbia.....	67	116	49	73				
West Virginia.....	1,093	1,327	234	21				

<sup>1</sup> Increase, unless otherwise indicated.

<sup>2</sup> Withheld to avoid disclosing figures for individual companies.

<sup>3</sup> Less than 0.05 percent.

<sup>4</sup> Omits a number of employees in the States marked (?).

Source: 1947 Census of Manufactures, Final State Reports (Series M100). Although 1939 data have been adjusted wherever possible to the Standard Industrial Classification used for the 1947 census, figures for the 2 periods are not in every case completely comparable. For full descriptions of the small variations remaining in various industry groups, see the industry volume of the 1947 Census of Manufactures (vol. II). In order to avoid disclosing figures for individual companies, the statistics for some industry groups are not shown. They are included, however, in the State totals.

## E. MANUFACTURING—Continued

3. Trends in total manufacturing, 1899-1947<sup>1</sup>

## NUMBER OF ESTABLISHMENTS

Year	United States	Middle Atlantic	New York	New Jersey	Pennsylvania	Delaware	Maryland	District of Columbia	West Virginia
Number									
1899...	204,750	72,668	35,957	6,415	23,462	633	3,886	491	1,824
1909...	264,810	89,982	44,935	8,817	27,563	726	4,837	518	2,586
1919...	270,231	94,082	48,331	10,564	26,614	653	4,725	568	2,627
1929...	206,663	70,456	39,395	8,388	16,947	460	3,231	547	1,488
1939...	173,802	57,900	32,672	7,438	13,116	416	2,712	452	1,094
1947...	240,881	80,700	47,819	10,755	16,789	482	2,825	428	1,602
Index (1899=100)									
1899...	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1909...	129.3	123.8	125.0	137.4	117.5	114.7	124.5	105.5	141.8
1919...	132.0	129.5	134.4	164.7	113.4	103.2	121.6	115.7	144.0
1929...	100.9	97.0	109.6	130.8	72.2	72.7	83.1	111.4	81.6
1939...	84.9	79.7	90.9	115.9	55.9	65.7	69.8	92.1	60.0
1947...	117.6	111.1	133.0	167.7	71.6	76.1	72.7	87.2	87.8

## ALL EMPLOYEES

[Average for the year]

Year	United States	Middle Atlantic	New York	New Jersey	Pennsylvania	Delaware	Maryland	District of Columbia	West Virginia
Number									
1899...	4,850,019	1,896,768	794,939	229,336	707,895	21,751	100,911	7,112	34,824
1909...	7,012,066	2,712,683	1,155,672	363,061	972,428	23,262	120,113	9,283	68,864
1919...	9,836,801	3,645,138	1,467,443	590,920	1,290,204	33,231	159,362	13,327	90,651
1929...	9,659,742	3,287,872	1,331,357	516,576	1,154,910	26,556	150,906	14,002	93,565
1939...	9,527,306	3,049,478	1,211,010	531,126	1,015,773	23,360	166,091	14,377	87,741
1947...	14,294,304	4,361,924	1,775,975	738,229	1,439,534	34,465	228,553	17,815	127,353
Index (1899=100)									
1899...	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1909...	144.6	143.0	145.4	158.3	137.4	106.9	119.0	130.5	197.7
1919...	202.8	192.2	184.6	257.7	182.3	152.8	157.9	187.4	260.3
1929...	199.2	173.3	167.5	225.2	163.1	122.1	149.5	196.9	268.7
1939...	196.4	160.8	152.3	231.6	143.5	107.4	164.6	202.2	252.0
1947...	294.7	230.0	223.4	321.9	203.4	158.5	226.5	250.5	365.7

See footnotes at end of table, p. 119.

## E. MANUFACTURING—Continued

## 3. Trends in total manufacturing, 1899-1947—Continued

## PRODUCTION WORKERS

[Average for the year]

Year	United States	Middle Atlantic	New York	New Jersey	Pennsylvania	Delaware	Maryland	District of Columbia	West Virginia
Number									
1899...	4,501,919	1,758,811	726,909	213,975	663,960	20,562	94,170	6,155	33,080
1909...	6,261,736	2,408,506	1,003,981	326,223	877,543	21,238	107,921	7,707	63,893
1919...	8,464,916	3,120,722	1,221,933	507,059	1,130,612	28,994	139,241	10,268	82,615
1929...	8,369,705	2,812,069	1,105,966	442,328	1,014,046	23,552	131,099	9,752	85,326
1939...	7,808,205	2,477,137	949,362	431,562	853,371	19,825	140,930	7,676	74,411
1947...	11,916,188	3,582,523	1,424,705	601,748	1,219,426	29,014	188,639	10,007	108,984
Index (1899=100.0)									
1899...	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1909...	139.1	136.9	138.1	152.5	132.2	103.3	114.6	125.2	193.1
1919...	188.0	177.4	168.1	237.0	170.3	141.0	147.9	166.8	249.7
1929...	185.9	159.9	152.1	206.7	152.7	114.5	139.2	158.4	257.9
1939...	173.4	140.8	130.6	201.7	128.5	96.4	149.7	124.7	224.9
1947...	264.7	203.7	196.0	281.2	183.7	141.1	200.3	162.6	329.5

## VALUE ADDED BY MANUFACTURE

Year	United States	Middle Atlantic	New York	New Jersey	Pennsylvania	Delaware	Maryland	District of Columbia	West Virginia
Amount (in thousands of dollars)									
1899...	4,646,981	1,900,363	853,454	218,280	691,581	16,596	81,722	8,951	29,779
1909...	8,160,075	3,204,901	1,512,586	425,496	1,044,182	21,902	116,620	15,043	69,072
1919...	23,841,624	9,038,226	3,908,864	1,397,775	3,092,976	79,547	322,092	37,404	199,568
1929...	30,591,435	10,971,592	4,973,920	1,771,430	3,430,606	69,151	422,097	52,773	251,615
1939...	24,487,304	8,040,105	3,132,649	1,518,269	2,476,862	54,085	420,589	43,367	213,284
1947...	74,425,825	22,874,091	9,666,588	4,177,080	6,946,958	182,088	1,138,407	99,067	663,903
Index (1899=100)									
1899...	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1909...	175.6	168.6	177.2	194.9	151.0	132.0	142.7	168.1	231.9
1919...	513.1	475.6	458.0	640.4	447.2	479.3	394.1	417.9	670.2
1929...	658.3	577.3	582.8	811.5	496.1	416.7	516.5	589.6	844.9
1939...	526.9	423.1	388.3	695.6	358.1	325.9	514.7	484.5	716.2
1947...	1,601.6	1,203.7	1,132.6	1,913.6	1,004.5	1,097.2	1,393.0	1,106.8	2,229.4

<sup>1</sup> Differences in the levels of manufacturing employment in 1939 and 1947 as estimated by the Bureau of Labor Statistics (tables C) and by the Bureau of the Census (tables E) are attributable largely to differences in the definition of manufacturing and in the classification of establishments, administrative offices, and auxiliary units.

Source: 1947 Census of Manufactures, Final State Reports (MC100 series). National series were revised to exclude industries that are no longer counted as manufacturing. Similar adjustments could not be made in the State series because data were not available for many of these industries on a State basis. The sum of the State and regional figures is therefore not equal to the United States totals.

State figures for 1939 and 1947 exclude, whereas earlier figures include, data for "Railroad repair shops," "Manufactured gas," and a few minor industries. Similarly, dates after 1919 exclude figures on the "Automobile repairing" industry, and "Motion pictures" were excluded from manufacturing after 1931. For these reasons the State figures for 1939 and 1947 are not completely comparable to those for earlier years.

The minimum size for establishments to be enumerated has varied from one census to another. The chief resulting lack of comparability is seen in data on number of establishments. In 1919 and previously, establishments producing a total value of \$500 or more during the year were included. For the period 1921-1939 the lower limit was set at \$5,000. The result was to exclude after 1919 a large number of small establishments but no large amount of employment or of production. If the \$5,000 limit had been in effect in 1919 some 23 percent of the establishments (those producing between \$500 and \$5,000 worth of manufactures per year) would have been omitted, but only about 1/2 of 1 percent of the production workers or the value added by manufacture. For the 1947 census, all establishments that employed at least 1 person at any time during the year were included.

## F. CONSTRUCTION

## 1. New construction activity

[In millions of dollars]

## NEW YORK

Year	Total	Private				Public			
		Total <sup>1</sup>	Residential building (excluding farm)	Non-residential building	Public utility	Total	Non-residential building	Highway	Other <sup>2</sup>
1939.....	813.9	495.4	320.1	113.0	53.6	318.5	88.8	130.3	99.4
1940.....	733.1	470.9	288.0	109.1	64.5	262.2	50.3	121.2	90.7
1941.....	734.2	447.8	235.9	137.6	62.5	286.4	79.2	79.7	127.5
1942.....	818.0	194.7	72.5	54.6	57.9	623.3	305.0	51.6	266.7
1943.....	397.2	76.2	12.6	16.9	37.2	321.0	91.1	31.3	198.6
1944.....	185.1	71.8	4.7	22.1	38.4	113.3	44.4	24.4	44.5
1945.....	247.2	148.8	26.3	74.0	42.6	98.4	34.1	30.5	33.8
1946.....	745.4	537.9	222.6	230.8	73.9	207.5	22.2	65.4	119.9
1947.....	1,010.5	676.2	300.6	222.2	139.9	334.3	66.9	112.6	154.8
1948.....	1,373.6	957.7	444.6	300.0	197.8	415.9	139.7	121.8	154.4
First quarter, 1948.....	251.3	190.0	88.0	64.8	35.6	61.3	26.4	8.8	26.1
Second quarter, 1948.....	334.3	237.2	111.1	71.1	50.5	97.1	32.0	30.3	34.8
Third quarter, 1948.....	423.4	283.7	136.0	82.3	58.5	139.7	42.3	46.0	51.4
First quarter, 1949.....	272.5	190.4	77.3	74.3	37.6	82.1	35.3	14.0	32.8
Second quarter, 1949.....	407.9	241.4	116.5	76.2	45.0	166.5	52.7	51.3	62.5
Third quarter, 1949 <sup>3</sup> .....	508.9	294.5	160.5	78.3	49.6	214.4	61.2	67.7	85.5

## NEW JERSEY

1939.....	184.8	114.1	70.2	25.4	15.6	70.7	29.8	22.7	18.2
1940.....	219.4	147.5	82.4	34.4	27.7	71.9	16.8	20.5	34.6
1941.....	308.6	185.9	105.3	53.6	23.2	122.7	36.5	19.3	66.9
1942.....	354.2	109.3	61.6	25.9	18.9	244.9	101.1	11.9	131.9
1943.....	208.7	45.5	22.2	8.3	12.1	163.2	46.6	9.7	106.9
1944.....	149.6	35.3	5.4	12.9	14.9	114.3	30.8	6.0	77.5
1945.....	122.6	76.4	16.1	46.3	12.3	46.2	13.7	6.5	26.0
1946.....	329.7	282.1	90.1	158.4	30.3	47.6	2.7	16.1	28.8
1947.....	472.0	401.1	188.0	159.5	50.2	70.9	8.8	31.8	30.3
1948.....	557.3	463.4	262.0	130.4	66.0	93.9	21.7	45.4	26.8
First quarter, 1948.....	108.5	95.3	49.1	33.4	12.3	13.2	3.3	3.3	6.6
Second quarter, 1948.....	134.5	111.1	60.4	32.5	16.7	23.4	4.8	11.3	7.3
Third quarter, 1948.....	166.4	136.8	81.4	33.7	19.4	29.6	5.9	16.3	7.4
First quarter, 1949.....	107.8	89.4	49.1	27.0	12.9	18.4	9.4	5.6	3.4
Second quarter, 1949.....	132.7	105.0	62.1	25.8	15.9	27.7	10.5	12.8	4.4
Third quarter, 1949 <sup>3</sup> .....	162.5	130.2	87.0	24.5	16.7	32.3	11.8	14.6	5.9

## PENNSYLVANIA

1939.....	340.2	220.1	128.7	44.6	39.3	120.1	57.6	31.6	30.9
1940.....	397.6	239.0	134.8	52.5	43.9	158.6	37.3	64.0	57.3
1941.....	595.8	326.0	176.5	83.1	56.6	269.8	91.3	66.6	111.9
1942.....	692.2	197.5	90.6	42.3	57.0	494.7	254.3	46.4	194.0
1943.....	469.3	105.6	46.4	13.4	38.3	363.7	188.2	26.8	148.7
1944.....	187.8	85.8	19.5	18.7	42.1	102.0	37.8	25.2	39.0
1945.....	217.0	135.1	14.9	59.9	55.5	81.9	26.9	25.8	29.2
1946.....	528.7	412.3	131.7	176.7	94.7	116.4	17.4	53.3	45.7
1947.....	747.9	559.9	238.4	198.6	109.4	188.0	18.6	114.9	54.5
1948.....	1,046.9	754.9	330.6	226.8	184.0	292.0	49.2	168.8	74.0
First quarter, 1948.....	187.1	156.8	66.0	56.5	32.9	30.3	4.9	11.5	13.9
Second quarter, 1948.....	254.5	184.3	79.4	55.0	45.9	70.2	9.5	42.1	18.6
Third quarter, 1948.....	331.7	219.7	100.1	58.7	54.8	112.0	14.4	76.9	20.7
First quarter, 1949.....	199.4	145.2	56.1	50.9	37.1	54.2	21.4	15.8	17.0
Second quarter, 1949.....	267.4	178.2	81.4	51.1	42.5	89.2	27.3	3.75	24.4
Third quarter, 1949 <sup>3</sup> .....	346.1	230.2	115.3	60.5	49.0	115.9	28.1	60.5	2.73

<sup>1</sup>See footnotes at end of table, p. 122

## F. CONSTRUCTION—Continued

## 1. New construction activity—Continued

[Millions of dollars]

## DELAWARE

Year	Total	Private				Public			
		Total <sup>1</sup>	Residential building (excluding farm)	Non-residential building	Public utility	Total	Non-residential building	Highway	Other <sup>2</sup>
1939.....	18.1	12.6	7.0	3.7	1.2	5.5	2.4	2.1	1.0
1940.....	16.0	11.0	5.4	3.6	1.3	5.0	1.2	2.3	1.5
1941.....	18.4	12.1	6.3	2.6	2.2	6.3	1.4	2.3	2.6
1942.....	31.5	8.0	3.3	1.5	2.2	23.5	10.5	.9	12.1
1943.....	30.9	9.2	6.2	.5	1.4	21.7	1.8	.6	19.3
1944.....	13.3	3.6	1.1	.5	1.2	9.7	.6	.4	8.7
1945.....	9.9	6.9	.6	4.1	1.5	3.0	1.0	.8	1.2
1946.....	22.0	18.7	5.6	8.3	3.2	3.3	(*)	2.0	1.3
1947.....	29.0	23.2	7.3	9.0	5.8	5.8	1.0	2.8	2.0
1948.....				24.1	9.4	17.5	5.5	8.2	3.8
First quarter, 1948.....				2.3	1.8	1.6	.6	.2	.8
Second quarter, 1948.....				4.8	2.3	3.5	1.3	1.0	1.2
Third quarter, 1948.....				9.4	2.6	6.8	1.8	3.9	1.1
First quarter, 1949.....						3.9	1.8	1.6	.5
Second quarter, 1949.....						7.0	2.3	4.3	.4
Third quarter, 1949 <sup>3</sup> .....						12.5	2.7	9.1	.7

## MARYLAND

1939.....	102.7	61.4	39.1	13.4	6.9	41.3	14.7	9.4	17.2
1940.....	123.5	75.1	44.4	19.2	9.4	48.4	7.9	15.5	25.0
1941.....	216.9	102.4	56.0	31.6	12.1	114.5	40.9	12.5	61.1
1942.....	234.8	56.8	34.0	11.9	8.6	178.0	54.4	13.0	110.6
1943.....	209.5	37.1	21.4	5.3	8.1	172.4	27.2	11.4	133.8
1944.....	105.6	31.4	14.5	7.7	7.5	74.2	26.6	6.3	41.3
1945.....	94.1	41.4	10.7	20.6	8.7	52.7	19.3	6.9	26.5
1946.....	205.1	157.6	70.4	68.6	15.7	47.5	10.8	11.2	25.5
1947.....	227.9	166.5	84.6	51.0	27.5	61.4	17.9	16.6	26.9
1948.....	338.7	239.6	141.9	55.8	37.9	99.1	32.5	33.1	33.5
First quarter, 1948.....	58.6	44.9	24.9	12.7	6.9	13.7	5.8	1.7	6.2
Second quarter, 1948.....	86.9	61.7	39.2	11.8	9.5	25.2	8.8	6.6	9.8
Third quarter, 1948.....	104.6	70.1	42.4	14.6	11.3	34.5	9.2	15.3	10.0
First quarter, 1949.....	63.3	48.7	25.6	14.8	8.0	14.6	5.9	3.4	5.3
Second quarter, 1949.....	78.1	54.8	30.4	12.0	10.5	23.3	6.5	8.9	7.9
Third quarter, 1949 <sup>3</sup> .....	95.6	64.2	39.8	11.5	11.3	31.4	7.6	15.2	8.6

## DISTRICT OF COLUMBIA

1939.....	84.2	59.4	34.0	20.9	4.5	24.8	14.2	3.7	6.9
1940.....	79.7	56.7	34.1	17.4	5.2	23.0	9.2	4.0	9.8
1941.....	96.4	63.8	42.8	13.4	7.6	32.6	6.5	3.4	22.7
1942.....	87.0	28.8	17.7	4.7	6.4	58.2	10.6	5.4	42.2
1943.....	62.4	21.4	16.1	1.8	3.5	41.0	9.0	2.4	29.6
1944.....	37.5	12.1	7.8	2.6	1.7	25.4	3.9	1.3	20.2
1945.....	45.3	20.7	9.1	7.6	4.0	24.6	4.7	1.3	18.6
1946.....	65.9	48.3	16.1	22.7	9.5	17.6	3.3	4.3	10.0
1947.....	83.1	64.6	27.9	18.4	18.3	18.5	5.3	7.0	6.2
1948.....	105.2	79.1	29.0	28.0	22.1	26.1	11.1	8.4	6.6
First quarter, 1948.....	20.2	15.6	6.3	5.6	3.7	4.6	2.1	1.3	1.2
Second quarter, 1948.....	28.6	21.8	8.6	7.6	5.6	6.8	2.6	2.5	1.7
Third quarter, 1948.....	30.6	22.3	7.4	8.1	6.8	8.3	3.1	3.2	2.0
First quarter, 1949.....	20.5	16.1	6.1	6.1	3.9	4.4	2.3	.8	1.3
Second quarter, 1949.....	27.9	21.2	8.8	7.6	4.8	6.7	1.5	3.5	1.7
Third quarter, 1949 <sup>3</sup> .....	34.6	29.1	15.4	8.2	5.5	5.5	1.2	2.2	2.1

See footnotes at end of table, p. 122.



## F. CONSTRUCTION—Continued

## 1. New construction activity—Continued

[Millions of dollars]

## WEST VIRGINIA

Year	Total	Private				Public			
		Total <sup>1</sup>	Residential building (excluding farm)	Non-residential building	Public utility	Total	Non-residential building	Highway	Other <sup>2</sup>
1939.....	63.1	40.8	18.8	8.4	12.5	22.3	7.2	10.1	5.0
1940.....	94.8	70.2	28.3	12.0	28.7	24.6	7.1	10.9	6.6
1941.....	107.9	69.8	32.4	21.1	14.9	38.1	18.4	10.8	8.9
1942.....	99.4	29.5	8.5	7.2	12.6	69.9	50.5	11.5	7.9
1943.....	59.9	17.9	2.0	1.4	13.3	42.0	19.2	7.9	14.9
1944.....	39.7	25.1	.4	4.0	19.8	14.6	6.1	6.8	1.7
1945.....	46.8	32.3	2.1	11.6	17.8	14.5	4.4	7.9	2.2
1946.....	100.1	79.2	19.9	27.2	30.7	20.9	1.9	9.3	9.7
1947.....	147.8	112.7	38.6	31.0	42.0	35.1	2.8	19.7	12.6
1948.....	.....	.....	.....	34.4	67.8	41.8	9.8	20.0	12.0
First quarter, 1948.....	.....	.....	.....	6.4	13.3	4.9	0.8	2.2	1.9
Second quarter, 1948.....	.....	.....	.....	8.7	17.1	9.6	2.0	5.1	2.5
Third quarter, 1948.....	.....	.....	.....	10.4	19.7	14.8	3.5	7.1	4.2
First quarter, 1949.....	.....	.....	.....	.....	.....	7.5	3.5	1.9	2.1
Second quarter, 1949.....	.....	.....	.....	.....	.....	13.2	4.5	4.8	3.9
Third quarter, 1949 <sup>3</sup> .....	.....	.....	.....	.....	.....	16.2	6.0	6.1	4.1

<sup>1</sup> Includes farm construction.<sup>2</sup> Includes residential building, military and naval, miscellaneous public-service enterprises, conservation and development, sewer and water, and all other public construction.<sup>3</sup> Third quarter figures are preliminary.<sup>4</sup> Less than 0.05 million.

Source: U. S. Department of Commerce.

2. Building construction in large cities, 1921-49<sup>1</sup>

[In thousands of dollars]

Year	Albany	Baltimore	Buffalo	Camden	Elizabeth	Erie	Jersey City
1921.....	4,164	37,017	19,675	1,908	3,677	3,331	12,360
1922.....	8,743	40,452	25,853	4,343	5,719	4,861	20,429
1923.....	15,689	38,946	29,880	8,121	5,946	4,252	21,541
1924.....	12,499	46,064	28,402	6,338	6,594	6,949	19,576
1925.....	14,704	45,458	26,774	7,913	8,998	8,538	24,989
1926.....	25,754	42,456	27,413	6,571	11,166	6,091	20,903
1927.....	16,189	28,438	33,073	5,330	10,923	5,393	13,852
1928.....	14,894	33,945	24,402	7,428	5,504	4,764	13,876
1929.....	9,035	33,175	24,128	6,164	4,095	6,431	14,585
1930.....	9,004	27,821	14,825	2,582	2,384	3,302	12,167
1931.....	6,061	24,691	9,338	1,130	2,348	2,711	1,991
1932.....	3,896	13,063	4,007	445	335	673	1,171
1933.....	1,521	7,465	2,371	223	618	544	1,130
1934.....	1,725	9,172	4,203	1,667	284	280	3,865
1935.....	2,121	9,011	4,148	1,764	685	640	1,445
1936.....	2,847	14,768	7,143	3,391	943	747	9,837
1937.....	3,154	15,166	6,483	1,871	834	1,405	2,847
1938.....	2,994	15,765	7,155	711	1,224	1,698	2,306
1939.....	2,187	16,795	13,262	1,610	3,548	1,342	5,357
1940.....	3,177	26,928	4,716	15,085	3,247	1,457	10,224
1947.....	7,184	45,168	27,070	9,885	5,395	4,663	6,857
1948.....	19,745	57,552	15,049	8,276	2,943	13,421	7,681
1949.....	9,146	55,922	15,935	5,903	4,100	7,556	7,150

See footnotes at end of table, p. 123.

## F. CONSTRUCTION—Continued

2. Building construction in large cities, 1921-49<sup>1</sup>—Continued

[In thousands of dollars]

Year	Newark	New York City	Paterson	Philadelphia	Pittsburgh	Reading	Rochester
1921.....	18,704	442,285	4,978	41,951	23,477	(2)	15,920
1922.....	28,361	645,176	5,732	114,191	31,072	4,800	17,313
1923.....	35,756	789,265	10,735	128,227	33,426	4,382	22,825
1924.....	41,756	836,044	7,726	141,403	32,155	6,069	28,319
1925.....	39,607	1,020,605	7,709	171,034	52,272	6,814	28,097
1926.....	41,198	1,039,671	7,463	140,093	43,790	5,267	21,637
1927.....	51,452	880,333	6,370	117,591	37,111	4,614	22,589
1928.....	34,285	916,672	7,357	112,226	39,374	3,808	17,621
1929.....	28,838	942,297	4,872	104,406	35,639	6,111	13,303
1930.....	12,379	410,166	2,088	53,142	20,730	2,474	8,011
1931.....	6,456	362,864	1,548	35,265	19,386	2,772	6,303
1932.....	5,410	78,852	1,177	17,863	9,135	478	3,557
1933.....	4,594	86,555	736	12,099	2,695	327	2,078
1934.....	2,695	100,908	724	9,454	2,443	1,691	5,132
1935.....	5,585	167,028	897	12,436	7,569	369	2,798
1936.....	5,689	224,067	1,788	23,561	7,673	1,875	5,778
1937.....	4,948	314,604	1,116	37,284	8,597	1,088	5,040
1938.....	3,691	341,961	1,729	21,730	11,440	1,379	3,753
1939.....	9,544	247,085	1,596	41,501	20,691	2,475	4,897
1940.....	5,799	249,896	1,924	75,863	11,109	1,906	5,019
1947.....	16,080	206,814	3,108	72,760	19,700	2,645	15,847
1948.....	25,913	315,272	4,487	93,597	26,464	2,005	16,090
1949.....	9,641	540,418	4,258	88,135	43,034	3,251	19,314

Year	Scranton	Syracuse	Trenton	Utica	Washington, D.C.	Wilming- ton	Yonkers
1921.....	2,333	5,829	3,306	3,207	26,436	2,091	4,598
1922.....	4,893	9,904	4,348	6,946	50,266	2,767	8,532
1923.....	3,843	10,228	7,034	6,753	50,754	3,745	10,544
1924.....	5,320	9,467	5,751	7,775	48,090	3,776	13,289
1925.....	5,985	11,920	7,923	5,157	65,490	3,987	19,899
1926.....	3,141	14,274	4,931	5,532	64,970	4,871	25,644
1927.....	5,707	21,990	4,540	3,381	39,293	6,806	32,586
1928.....	4,632	13,220	4,106	3,917	53,975	5,577	35,619
1929.....	2,947	11,267	3,675	2,497	56,128	6,143	21,366
1930.....	3,190	5,399	2,449	1,350	48,824	4,917	9,887
1931.....	1,378	7,000	2,421	1,134	52,588	3,297	10,014
1932.....	2,126	1,598	707	533	69,927	1,382	2,595
1933.....	476	646	411	619	8,539	2,118	2,145
1934.....	664	1,241	675	1,317	20,929	1,156	942
1935.....	581	1,967	647	537	47,101	2,487	2,409
1936.....	1,796	3,137	888	521	51,113	4,101	4,132
1937.....	758	3,248	983	995	43,295	4,270	5,043
1938.....	1,823	1,733	1,028	656	51,578	2,280	9,782
1939.....	790	3,448	4,701	1,244	71,437	4,444	5,284
1940.....	1,035	1,812	1,272	767	59,690	6,351	2,696
1947.....	3,255	6,982	3,058	2,233	43,016	3,332	10,288
1948.....	2,812	11,883	4,201	2,691	50,928	5,632	9,956
1949.....	3,136	26,021	3,387	6,928	114,734	10,619	19,195

<sup>1</sup> Value of permits issued and Federal construction contracts awarded for building construction in cities having a 1940 population of 100,000 or more; covers all classes of building, including additions, alterations, and repairs; covers only construction within official city limits, and does not include suburban developments outside of corporate limits.

<sup>2</sup> Not available.

Source: U. S. Department of Labor, Bureau of Labor Statistics.

## F. CONSTRUCTION—Continued

3. Number of new dwelling units authorized in urban areas, 1921-49<sup>1</sup>

	1921	1922	1923	1924	1925	1926	1927	1928
Middle Atlantic.....								
New York.....								
Albany.....	302	582	815	658	1,012	808	558	615
Buffalo.....	2,405	3,079	4,262	4,735	4,290	3,286	3,373	3,181
New York City.....	51,360	91,164	105,672	94,485	117,844	133,126	105,519	105,523
Rochester.....	1,319	1,865	2,533	2,781	2,668	2,304	2,448	1,862
Syracuse.....	627	968	1,017	1,159	1,202	1,251	1,838	1,561
Utica.....	478	842	666	485	593	443	259	342
Yonkers.....	433	686	854	1,415	1,737	2,706	4,146	4,216
New Jersey.....								
Camden.....	145	433	458	488	739	673	559	350
Elizabeth.....	514	766	849	870	1,229	1,751	1,650	1,002
Jersey City.....	970	1,776	2,438	2,457	3,151	2,601	1,287	2,155
Newark.....	1,393	2,892	3,920	3,177	2,729	3,060	5,144	3,288
Paterson.....	587	685	955	723	957	762	1,167	748
Trenton.....	317	556	785	843	1,004	437	316	223
Pennsylvania.....								
Eric.....	518	773	470	726	755	547	444	397
Philadelphia.....	2,406	10,453	8,972	11,432	15,695	11,603	12,197	10,576
Pittsburgh.....	1,335	2,711	2,577	2,678	3,102	2,781	2,588	2,544
Reading.....	( <sup>2</sup> )	333	387	408	476	290	233	263
Scranton.....	75	406	360	575	497	217	280	292
Delaware.....								
Wilmington.....	66	128	267	298	423	359	366	365
Maryland.....								
Baltimore.....	2,176	4,234	5,152	5,529	6,233	5,135	3,546	2,884
District of Columbia.....								
Washington.....	2,195	5,266	4,203	5,369	8,486	7,911	3,938	4,305
West Virginia.....								
	1929	1930	1931	1932	1933	1934	1935	1936
Middle Atlantic.....								
New York.....								
Albany.....	385	311	217	94	88	84	121	209
Buffalo.....	1,769	1,072	1,029	174	69	36	81	780
New York City.....	58,320	36,182	35,736	5,347	9,950	7,317	16,892	33,309
Rochester.....	496	262	166	78	20	20	40	100
Syracuse.....	793	432	260	81	49	28	44	69
Utica.....	111	90	82	49	40	28	18	30
Yonkers.....	1,808	1,042	1,021	242	191	87	208	517
New Jersey.....								
Camden.....	320	159	52	9	2	2	0	534
Elizabeth.....	514	222	157	39	27	10	43	90
Jersey City.....	1,388	238	183	100	45	60	120	55
Newark.....	693	750	357	99	596	397	65	166
Paterson.....	435	139	99	38	28	7	32	47
Trenton.....	87	38	50	24	10	4	12	17
Pennsylvania.....								
Eric.....	393	209	221	75	24	12	28	25
Philadelphia.....	7,068	1,744	1,028	534	484	518	1,034	2,380
Pittsburgh.....	2,153	1,349	919	197	155	113	323	335
Reading.....	253	119	49	30	7	7	17	34
Scranton.....	137	49	63	55	32	27	21	32
Delaware.....								
Wilmington.....	383	367	217	74	70	91	99	288
Maryland.....								
Baltimore.....	3,022	1,484	1,953	450	172	119	476	1,139
District of Columbia.....								
Washington.....	3,223	1,962	3,606	1,192	584	968	3,723	6,379
West Virginia.....								

See footnotes at end of table, p. 125.

## F. CONSTRUCTION—Continued

3. Number of new dwelling units authorized in urban areas, 1921-49<sup>1</sup>—Continued

	1937	1938	1939	1940	1947	1948	1949
Middle Atlantic.....				92,709	84,274	98,896	136,749
New York.....				45,035	28,943	41,412	64,844
Albany.....	184	222	179	389	449	201	187
Buffalo.....	223	998	1,232	128	466	630	873
New York City.....	38,354	64,593	42,089	36,964	18,150	25,805	44,160
Rochester.....	161	132	192	232	1,090	459	1,083
Syracuse.....	106	86	749	92	404	1,110	881
Utica.....	30	16	226	17	129	240	256
Yonkers.....	490	1,944	1,027	490	1,152	875	2,568
New Jersey.....				12,229	21,003	18,755	27,861
Camden.....	13	11	56	330	349	336	470
Elizabeth.....	108	72	559	584	717	32	544
Jersey City.....	168	71	105	1,037	13	10	459
Newark.....	139	414	1,790	779	695	397	849
Paterson.....	35	35	38	88	99	132	194
Trenton.....	21	14	506	110	61	157	140
Pennsylvania.....				15,369	18,999	23,186	25,286
Erie.....	99	144	204	214	433	596	534
Philadelphia.....	2,221	2,069	5,417	5,021	5,321	5,061	6,547
Pittsburgh.....	465	420	3,653	831	1,760	938	1,842
Reading.....	39	23	454	48	29	40	377
Scranton.....	27	20	22	18	27	41	42
Delaware.....				346	257	347	269
Wilmington.....	149	129	177	230	111	136	109
Maryland.....				7,740	7,854	8,218	7,439
Baltimore.....	1,494	2,324	3,297	5,730	5,505	5,923	5,039
District of Columbia.....				8,680	4,303	3,797	8,254
Washington.....	5,352	4,275	6,203	8,682	4,303	3,797	8,254
West Virginia.....				3,310	2,915	3,181	2,796

<sup>1</sup> Based on building permits issued, Federal contracts awarded, and State and local public housing started. Attention is directed to the fact that this tabulation pertains only to building authorized within urban places. Urban as defined by the Bureau of the Census covers incorporated places of 2,500 population or more in 1940 and, by special rule, a small number of unincorporated civil divisions. Building outside these city limits is excluded, even when it is located in populous suburban areas that may be an integral part of a city's economic and social life. These data do not represent the volume of housing actually started during the years shown, because adjustment has not been made for lapsed building permits, nor for lag between permit issuance or contract award dates and the start of construction.

<sup>2</sup> Not available.

Source: National totals before 1929 are from National Bureau of Economic Research. City totals and national totals since 1930 are from Bureau of Labor Statistics. State estimates are not available prior to 1940.

## G. AGRICULTURE

## 1. Number of farms

State	Number (in thousands)					Percent change, 1910-45 <sup>1</sup>	
	1910	1920	1930	1940	1945	Number of farms	Land in farms
United States.....	6,362	6,448	6,289	6,097	5,859	-7.9	29.9
Middle Atlantic.....	625	570	493	499	496	-20.6	-18.7
New York.....	216	193	160	153	149	-31.0	-20.3
New Jersey.....	33	30	25	26	26	-21.2	-29.4
Pennsylvania.....	219	202	172	169	172	-21.5	-19.2
Delaware.....	11	10	10	9	9	-18.2	-11.1
Maryland.....							
District of Columbia.....	49	48	43	42	41	-16.3	-17.0
West Virginia.....	97	87	83	99	98	1.0	-13.0

<sup>1</sup> Increase unless otherwise indicated.

Source: U. S. Census of Agriculture.

## G. AGRICULTURE—Continued

## 2. Value of farm real estate

State	Average value of farm land and improvements per acre, as of Mar. 1 (1912-14=100)					
	1915	1920	1930	1940	1947	1949
United States.....	103	170	115	84	159	175
Middle Atlantic:						
New York.....	100	133	103	86	138	155
New Jersey.....	100	130	125	116	185	196
Pennsylvania.....	100	140	107	90	143	165
Delaware.....	100	139	111	89	160	163
Maryland.....	104	166	123	100	196	206
District of Columbia.....						
West Virginia.....	101	154	105	85	137	155

Source: U. S. Department of Agriculture, Current Developments in the Farm Real Estate Market, September 1949.

## G. AGRICULTURE—Continued

3. Chief agricultural products, 1929, 1939, 1948, as shown by cash receipts from farm marketings

## NEW YORK

Product	Receipts (in thousands of dollars)			Percent		
	1929	1939	1948	1929	1939	1948
Total crops and livestock .....	399, 735	310, 236	966, 422	100.0	100.0	100.0
Dairy products.....	183, 289	130, 133	400, 453	45.9	42.0	41.4
Eggs.....	39, 481	28, 536	103, 089	9.9	9.2	10.7
Truck crops.....	25, 867	33, 047	104, 867	6.5	10.7	10.9
Other products.....	151, 098	118, 520	358, 013	37.7	38.1	37.0

## NEW JERSEY

Total crops and livestock.....	112, 764	100, 728	316, 850	100.0	100.0	100.0
Dairy products.....	26, 295	28, 412	64, 385	23.3	28.2	20.3
Eggs.....	16, 887	15, 698	75, 255	15.0	15.6	23.8
Truck crops.....	20, 920	18, 052	58, 584	18.6	17.9	18.5
Other products.....	48, 662	38, 566	118, 626	43.1	38.3	37.4

## PENNSYLVANIA

Total crops and livestock.....	323, 787	259, 746	824, 011	100.0	100.0	100.0
Dairy products.....	115, 667	91, 471	277, 322	35.7	35.2	33.7
Cattle, calves.....	31, 108	27, 106	93, 213	9.6	10.4	11.3
Eggs.....	47, 481	32, 718	137, 508	14.7	12.6	16.7
Other products.....	129, 531	108, 451	315, 968	40.0	41.8	38.3

## DELAWARE

Total crops and livestock.....	23, 838	24, 977	98, 654	100.0	100.0	100.0
Dairy products.....	3, 574	2, 759	9, 074	15.0	11.0	9.2
Chickens.....	2, 991	12, 330	60, 429	12.6	49.4	61.3
Truck crops.....	3, 004	1, 706	7, 159	12.6	6.8	7.3
Other products.....	14, 269	8, 182	21, 992	59.8	32.8	22.2

## MARYLAND

Total crops and livestock.....	93, 027	69, 620	249, 222	100.0	100.0	100.0
Dairy products.....	21, 761	18, 819	63, 721	23.4	27.0	25.6
Eggs.....	9, 998	5, 082	19, 213	10.7	7.3	7.7
Chickens.....	5, 221	6, 215	49, 546	5.6	8.9	19.9
Tobacco.....	5, 565	5, 411	16, 684	6.0	7.8	6.7
Truck crops.....	13, 591	7, 729	24, 588	14.6	11.1	9.9
Other products.....	36, 891	26, 364	75, 470	39.7	37.9	30.2

## WEST VIRGINIA

Total crops and livestock.....	54, 929	40, 245	129, 592	100.0	100.0	100.0
Dairy products.....	12, 176	9, 050	24, 482	22.2	22.5	18.9
Cattle, calves.....	7, 174	8, 299	26, 662	13.1	20.6	20.6
Eggs.....	7, 948	4, 628	15, 019	14.5	11.5	11.6
Chickens.....	2, 498	2, 067	17, 417	4.6	5.1	13.4
Other products.....	25, 133	16, 201	46, 012	45.6	40.3	35.5

Source: U. S. Department of Agriculture, Bureau of Agricultural Economics. 1929 and 1939, from Cash Receipts from Farming by States and Commodities, Calendar Years 1942-44. 1948, from Farm Income Situation, June 1949.

## G. AGRICULTURE—Continued

## 4. Farm wage rates

State	Composite rate per month <sup>1</sup>				Percent of United States average			
	1919	1929	1939	1948	1919	1929	1939	1948
United States.....	\$51.13	\$44.52	\$30.56	\$107	100.0	100.0	100.0	100.0
Middle Atlantic:								
New York.....	53.60	60.40	37.60	121	104.8	135.7	123.0	113.1
New Jersey.....	55.90	61.20	42.30	126	109.3	137.5	138.4	117.8
Pennsylvania.....	50.20	51.00	34.70	106	98.2	114.6	113.5	99.1
Delaware.....	47.20	48.60	33.90	105	92.3	109.2	110.9	98.1
Maryland.....	42.30	46.30	33.80	103	82.7	104.0	110.6	96.3
District of Columbia.....								
West Virginia.....	48.10	40.70	27.30	77	94.1	91.4	89.3	72.0

<sup>1</sup> Composite is a weighted average of monthly and daily wage rates with and without board.

Source: U. S. Department of Agriculture, Farm Labor.

## H. TIMBER RESOURCES AND LUMBER CUT

State	Estimated volume of standing saw timber on commercial forest land, 1946		Lumber sawed				
	Million board feet	Percent of United States total	Million board feet		Percent change, 1942-47 <sup>1</sup>	Percent of United States total	
			1942	1947		1942	1947
	A	B	C	D	E	F	G
United States.....	1,600,972	100.0	36,332	35,404	-2.6	100.0	100.0
Middle Atlantic.....	62,045	3.88	1,448	1,667	15.1	4.0	4.7
New York.....	25,279	1.58	278	383	38.0	.8	1.1
New Jersey.....	2,188	.14	24	32	34.6	.1	.1
Pennsylvania.....	20,582	1.29	399	580	45.4	1.1	1.6
Delaware.....	1,183	.07	28	34	20.8	.1	.1
Maryland.....	4,030	.25	131	154	17.3	.4	.4
District of Columbia.....							
West Virginia.....	8,783	.55	588	484	-17.8	1.6	1.4

<sup>1</sup> Increase, unless otherwise indicated.

Source: Columns A and B, Agricultural Statistics. Columns C and D, 1947 Census of Manufactures, pamphlet MC 24A.

## J. MINERALS

## 1. Value of mineral production, 1940 and 1948

State	Amount (in thousands of dollars)		Percent of United States total	
	1940	1948	1940	1948
United States <sup>1</sup> .....	5,613,900	15,670,000	100.0	100.0
Middle Atlantic.....	989,140	2,652,352	23.6	21.3
New York.....	70,154	156,140	1.7	1.3
New Jersey.....	33,654	51,092	.8	.4
Pennsylvania.....	594,624	1,407,347	14.2	11.3
Delaware.....	457	717	( <sup>2</sup> )	( <sup>2</sup> )
Maryland.....	12,605	27,922	.3	.2
District of Columbia.....	640	835	( <sup>2</sup> )	( <sup>2</sup> )
West Virginia.....	277,006	1,008,299	6.6	8.1

<sup>1</sup> The United States figure is greater than the sum of State figures, principally because it includes pig iron, ferro-alloy metals, and aluminum valued at the smelter, instead of ore at the mine; natural gas valued at points of consumption rather than at wells; and the mineral production of Alaska and insular territories

<sup>2</sup> Less than 0.05 percent.

Source: U. S. Department of the Interior, Bureau of Mines.

## J. MINERALS—Continued

## 2. Iron ore mined

State	Production by years			Percent increase, 1929-48
	Amount (in thousands of gross tons)			
	1929	1939	1948	
United States.....	73,028	51,732	101,003	38.3
Middle Atlantic.....	2,196	3,113	4,422	101.4
New York.....	822	( <sup>1</sup> )	( <sup>1</sup> )	-----
New Jersey.....	282	399	436	54.6
Pennsylvania.....	1,092	12,714	3,986	265.0

<sup>1</sup> New York included with Pennsylvania.

Source: U. S. Department of the Interior, Bureau of Mines.

## 4. Zinc production—Mine production of recoverable metal

[Short tons]

State	Amount			Percent change, col. A to col. C <sup>1</sup>
	1925-29 average	1939	1948	
	A	B	C	
United States.....	724,720	583,807	629,955	-13.1
Middle Atlantic.....	100,930	124,730	110,898	9.9
New York.....	7,091	36,014	34,566	387.5
New Jersey.....	93,839	88,716	76,332	-18.7

<sup>1</sup> Increase, unless otherwise indicated.

Source: U. S. Department of the Interior, Bureau of Mines.

## 5. Crude petroleum production

State	Amount (in thousands of barrels)			Percent change, 1929-48 <sup>1</sup>
	1929	1939	1948	
United States <sup>2</sup> .....	1,007,323	1,264,962	2,016,282	100.2
Middle Atlantic.....	20,771	26,060	19,975	-3.8
New York.....	3,377	5,098	4,621	36.8
Pennsylvania.....	11,820	17,382	12,667	7.2
West Virginia.....	5,574	3,580	2,687	-51.8

<sup>1</sup> Increase, unless otherwise indicated.

<sup>2</sup> Figures for 1929 and 1939 include small amounts produced in Alaska; 1948 figure does not.

Source: U. S. Department of the Interior, Bureau of Mines.



## J. MINERALS—Continued

## 6. Coal production

State	Production by years				Maximum production	
	Amount (in thousands of net tons)			Percent change, 1929-48 <sup>1</sup>	Year	Amount (in thousands of net tons)
	1929	1939	1948			
United States.....	608,716	446,194	650,730	6.9	1947	2 630,624
Middle Atlantic.....	358,512	253,876	359,486	.3		
Pennsylvania anthracite.....	73,828	51,487	57,140	-22.6	1917	99,612
Pennsylvania bituminous.....	143,516	92,584	132,550	-7.6	1918	178,551
Maryland.....	2,649	1,443	1,596	-30.8	1907	5,533
West Virginia.....	138,519	108,362	168,200	21.4	1947	176,137

<sup>1</sup> Increase, unless otherwise indicated.<sup>2</sup> Bituminous and lignite. Does not include anthracite production.

Source: U. S. Department of the Interior, Bureau of Mines.

## K. INCOME PAYMENTS TO INDIVIDUALS

## 1. Total income payments

State	Amount (in millions of dollars)			Percent change <sup>1</sup>			Percent of United States total		
	1929	1940	1948	1929-40	1940-48	1929-48	1929	1940	1948
United States.....	82,617	75,852	206,011	-8	172	149	100.00	100.00	100.00
Middle Atlantic.....	27,840	24,319	67,374	-13	136	106	33.70	32.06	27.84
New York.....	14,479	11,830	27,378	-18	131	89	17.53	15.60	13.29
New Jersey.....	3,268	3,138	7,181	-4	129	120	3.96	4.14	3.49
Pennsylvania.....	7,338	6,225	15,126	-15	143	106	8.88	8.21	7.34
Delaware.....	218	239	522	10	118	139	.26	.31	.25
Maryland.....	1,106	1,222	3,116	10	155	182	1.34	1.61	1.51
District of Columbia.....	638	905	1,885	42	108	195	.77	1.19	.91
West Virginia.....	793	760	2,166	-4	185	173	.96	1.00	1.05

<sup>1</sup> Increase, unless otherwise indicated.

Source: U. S. Department of Commerce, National Income Division. For definitions of income payments and major components see State Income Payments in 1948, in U. S. Department of Commerce Survey of Current Business, August 1949.

## 2. Per capita income payments

State	Amount (in dollars)			Percent change <sup>1</sup>			Percent of United States average		
	1929	1940	1948	1929-40	1940-48	1929-48	1929	1940	1948
United States.....	680	575	1,410	-15	145	107	100	100	100
Middle Atlantic.....	926	752	1,647	-19	119	78	136	131	117
New York.....	1,125	863	1,891	-23	119	68	165	150	134
New Jersey.....	947	803	1,605	-15	100	69	139	140	114
Pennsylvania.....	767	628	1,444	-18	130	88	113	109	102
Delaware.....	919	896	1,741	-3	94	89	135	156	123
Maryland.....	703	713	1,546	1	117	120	103	124	110
District of Columbia.....	1,191	1,080	1,691	-9	57	42	175	188	120
West Virginia.....	464	398	1,133	-14	185	144	68	69	80

<sup>1</sup> Increase, unless otherwise indicated.

Source: U. S. Department of Commerce, National Income Division. For definitions of income payments and major components see State Income Payments in 1948, in U. S. Department of Commerce Survey of Current Business, August 1949.

## K. INCOME PAYMENTS TO INDIVIDUALS—Continued

## 3 (a). Components of income payments

[Components as percentage of State total]

State	Total	Agricultural income	Manufacturing pay rolls	Trade and service income	Government income payments	All other
1929						
United States.....	100.0	8.4	19.7	24.4	7.3	40.2
Middle Atlantic.....	100.0	2.0	20.3	24.4	6.8	46.5
New York.....	100.0	1.4	18.0	26.4	6.2	48.0
New Jersey.....	100.0	1.7	27.4	21.9	7.3	41.7
Pennsylvania.....	100.0	2.3	24.1	22.4	5.7	45.5
Delaware.....	100.0	6.1	14.7	15.7	5.7	57.8
Maryland.....	100.0	5.0	17.2	23.7	7.5	46.6
District of Columbia.....	100.0	-----	4.0	27.7	30.0	38.3
West Virginia.....	100.0	6.9	17.0	18.9	6.8	50.4
1940						
United States.....	100.0	7.2	20.3	25.2	12.4	34.9
Middle Atlantic.....	100.0	1.9	21.2	25.3	12.5	39.1
New York.....	100.0	1.4	17.8	28.1	12.0	40.7
New Jersey.....	100.0	1.6	30.4	22.1	10.4	35.5
Pennsylvania.....	100.0	2.2	25.8	23.1	11.1	37.8
Delaware.....	100.0	5.6	25.3	17.6	7.8	43.7
Maryland.....	100.0	3.6	21.1	24.0	11.9	39.4
District of Columbia.....	100.0	-----	2.8	23.8	42.0	31.4
West Virginia.....	100.0	5.6	18.5	19.4	9.7	46.8
1948						
United States.....	100.0	10.2	22.4	27.0	13.9	26.5
Middle Atlantic.....	100.0	2.6	25.1	28.9	13.6	29.8
New York.....	100.0	2.0	22.3	32.2	13.3	30.2
New Jersey.....	100.0	2.5	34.4	25.9	11.9	25.3
Pennsylvania.....	100.0	3.1	30.1	25.4	11.4	30.0
Delaware.....	100.0	6.8	30.4	21.7	9.1	32.0
Maryland.....	100.0	4.1	22.0	28.9	15.6	29.4
District of Columbia.....	100.0	-----	3.1	29.9	43.8	23.2
West Virginia.....	100.0	5.7	18.6	21.2	11.4	43.1

Source: U. S. Department of Commerce, National Income Division. For definitions of income payments and major components see State Income Payments in 1948, in U. S. Department of Commerce Survey of Current Business, August 1949.

3 (b). Components of income payments <sup>1</sup>

[Components as percentage of State total]

State	Agricultural income			Manufacturing pay rolls			Trade and service income			Government income payments			All other		
	1929	1940	1948	1929	1940	1948	1929	1940	1948	1929	1940	1948	1929	1940	1948
	United States.....	8.4	7.2	10.2	19.7	20.3	22.4	24.4	25.2	27.0	7.3	12.4	13.9	40.2	34.9
Middle Atlantic.....	2.0	1.9	2.6	20.3	21.2	25.1	24.4	25.3	28.9	6.8	12.5	13.6	46.5	39.1	29.8
New York.....	1.4	1.4	2.0	18.0	17.8	22.3	26.4	28.1	32.2	6.2	12.0	13.3	48.0	40.7	30.2
New Jersey.....	1.7	1.6	2.5	27.4	30.4	34.4	21.9	22.1	25.9	7.3	10.4	11.9	41.7	35.5	25.3
Pennsylvania.....	2.3	2.2	3.1	24.1	25.8	30.1	22.4	23.1	25.4	5.7	11.1	11.4	45.5	37.8	30.0
Delaware.....	6.1	5.6	6.8	14.7	25.3	30.4	15.7	17.6	21.7	5.7	7.8	9.1	57.8	43.7	32.0
Maryland.....	5.0	3.6	4.1	17.2	21.1	22.0	23.7	24.0	28.9	7.5	11.9	15.6	46.6	39.4	29.4
District of Columbia.....	-----	-----	-----	4.0	2.8	3.1	27.7	23.8	29.9	30.0	42.0	43.8	38.3	31.4	23.2
West Virginia.....	6.9	5.6	5.7	17.0	18.5	18.6	18.9	19.4	21.2	6.8	9.7	11.4	50.4	46.8	43.1

<sup>1</sup> Same data as in table K 3 (a), rearranged to emphasize year-to-year change.

Source: U. S. Department of Commerce, National Income Division. For definitions of income payments and major components see State Income Payments in 1948, in U. S. Department of Commerce Survey of Current Business, August 1949.

## L. SELECTED ECONOMIC INDICATORS

## 1. Production of electric energy

Year	United States	Middle Atlantic	New York	New Jersey	Pennsylvania	Delaware	Maryland	District of Columbia	West Virginia
Kilowatt hours (in thousands)									
1920.....	39,404,639	12,197,517	5,632,063	1,046,851	4,020,829	6,987	248,983	225,842	1,015,962
1925.....	61,451,091	18,755,820	8,570,242	1,492,739	6,249,496	16,955	571,594	318,693	1,536,101
1930.....	91,111,548	27,614,271	12,537,578	2,823,732	7,839,859	18,259	1,858,120	516,082	2,020,641
1935.....	95,287,390	28,751,163	12,466,309	3,547,557	8,225,220	7,116	1,870,199	586,050	2,048,712
1940.....	141,837,010	42,298,364	17,537,429	4,806,185	12,516,761	18,308	2,587,264	1,161,756	3,670,661
1945.....	222,486,283	58,515,890	22,003,420	7,324,810	17,349,922	42,917	4,333,798	1,681,289	5,779,734
1946.....	223,177,783	58,543,660	22,891,793	7,575,926	16,881,408	42,914	3,964,822	1,942,431	5,244,366
1947.....	255,738,984	65,972,663	25,477,147	7,898,637	19,825,279	42,278	4,572,925	2,194,303	5,962,094
1948.....	282,698,214	71,354,683	27,164,289	8,357,041	21,911,008	34,579	5,008,678	2,374,401	6,504,687
Index (1920=100)									
1920.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1925.....	155.9	153.8	152.2	142.6	155.4	242.7	229.6	141.1	151.2
1930.....	231.2	226.4	222.6	269.7	195.0	261.3	746.3	228.5	198.9
1935.....	241.8	235.7	221.3	338.9	204.6	101.8	751.1	259.5	201.7
1940.....	360.0	346.8	311.4	459.1	311.3	262.0	1,039.1	514.4	361.3
1945.....	564.6	479.7	390.7	699.7	431.5	614.2	1,740.6	744.5	568.9
1946.....	566.4	480.0	406.5	723.7	419.8	614.2	1,592.4	860.1	516.2
1947.....	649.0	540.9	452.4	754.5	493.1	605.1	1,836.6	971.6	586.8
1948.....	717.4	585.0	482.3	798.3	544.9	494.9	2,011.7	1,051.4	640.2

Source: Federal Power Commission,

## L. SELECTED ECONOMIC INDICATORS—Continued

## 2. Bank deposits

State	Millions of dollars				Percent of national total			
	1919	1929	1939	1948	1919	1929	1939	1948
United States.....	33,571	53,963	58,344	148,978	100.0	100.0	100.0	100.0
Middle Atlantic.....	13,847	23,734	27,701	55,480	41.2	44.0	47.5	37.2
New York.....	8,896	14,962	18,889	36,063	26.5	27.7	32.4	24.2
New Jersey.....	1,020	2,287	2,106	4,894	3.0	4.2	3.6	3.3
Pennsylvania.....	2,968	4,983	5,013	10,308	8.8	9.2	8.6	6.9
Delaware.....	76	138	242	514	.2	.3	.4	.3
Maryland.....	499	781	839	1,824	1.5	1.4	1.4	1.2
District of Columbia.....	152	251	329	967	.5	.5	.6	.6
West Virginia.....	236	332	282	910	.7	.6	.5	.6

NOTE.—1919 and 1929 figures as of end of June; 1939 and 1948 as of end of December. The earlier figures are not strictly comparable to those for later years, and are being revised by the Federal Reserve Board.

Source: Board of Governors of the Federal Reserve System,

## 3. Gross postal receipts

State	Amount (in thousands of dollars)			As percent of United States total			Receipts per capita of population		
	1930	1940	1948	1930	1940	1948	1930	1940	1948
United States.....	684,610	726,172	1,327,532	100.0	100.0	100.0	\$5.56	\$5.50	\$9.09
Middle Atlantic.....	215,336	220,263	411,803	31.5	30.3	31.0	7.07	6.83	11.87
New York.....	125,072	120,888	232,929	18.3	16.6	17.5	9.89	8.98	16.37
New Jersey.....	19,768	23,207	45,169	2.9	3.2	3.4	4.86	5.59	9.47
Pennsylvania.....	50,087	51,590	90,260	7.3	7.1	6.8	5.19	5.19	8.61
Delaware.....	1,233	1,759	2,936	.2	.2	.2	5.15	6.54	9.79
Maryland.....	8,519	9,435	16,092	1.2	1.3	1.2	5.21	5.14	7.47
District of Columbia.....	6,047	8,242	16,229	.9	1.1	1.2	12.38	12.14	18.81
West Virginia.....	4,611	5,142	8,188	.7	.7	.6	2.66	2.69	4.28

NOTE.—Year covered is the fiscal year ending June 30.

Source: Annual reports of the Postmaster General for 1930, 1940, and 1948.

## L. SELECTED ECONOMIC INDICATORS—Continued

4. Revenue freight originated, class I steam railways, 1940 and 1948<sup>1</sup>

[Thousands of tons]

State	Total		Products of agriculture		Animals and products		Products of mines		Products of forests		Manufactures and miscellaneous		Forwarder traffic <sup>2</sup>	
	1940	1948	1940	1948	1940	1948	1940	1948	1940	1948	1940	1948	1940	1948
United States.....	993,569.9	1,486,240.2	88,573.4	144,784.3	15,429.6	16,839.8	569,956.2	845,117.1	58,129.6	85,971.6	261,481.0	389,221.2	2,749.0	4,306.2
Middle Atlantic.....	356,173.6	472,713.1	6,651.4	7,792.8	875.5	1,004.8	266,529.8	354,120.3	1,956.2	1,851.4	80,160.9	106,611.0	972.8	1,332.9
New York.....	29,669.2	40,383.5	4,717.7	5,689.7	329.3	381.7	6,541.5	10,642.8	804.2	556.6	17,276.5	22,202.2	801.6	910.6
New Jersey.....	12,351.1	16,822.1	356.7	702.1	124.3	146.8	4,350.6	5,294.8	153.4	151.3	7,366.1	10,374.6	39.4	152.5
Pennsylvania.....	186,501.8	239,699.8	1,138.6	803.4	305.1	365.7	141,440.0	180,512.6	291.5	425.5	43,326.8	57,362.6	125.4	230.0
Delaware.....	717.8	1,298.7	27.5	53.7	12.4	15.3	78.1	94.4	41.6	49.4	558.2	1,085.8		
Maryland.....	9,145.1	13,485.3	348.4	481.6	50.5	49.6	2,552.0	4,323.9	160.7	151.4	6,033.4	8,445.2	6.2	33.7
District of Columbia.....	188.5	282.3	.8	3.6	1.6	2.8	20.8	18.6	.8	1.3	164.6	251.0	.1	4.9
West Virginia.....	117,600.1	160,741.4	61.7	58.7	52.3	42.9	111,546.8	153,233.2	504.0	515.9	5,435.3	6,889.6	.1	1.2

<sup>1</sup> Carload lots only. Less than carload lots are not included.<sup>2</sup> The term "forwarder traffic" means freight traffic consigned by or to a forwarder, i. e., a company, firm or individual recognized as engaged in the business of collecting and accumulating less than carload shipments into consolidated carloads without an ownership in the property so handled.

Source: Interstate Commerce Commission

# CENTRAL



UNITED STATES DEPARTMENT OF LABOR  
BUREAU OF LABOR STATISTICS

## CHAPTER 4. CENTRAL REGION

This region includes the following States: Ohio, Indiana, Illinois, Michigan, Wisconsin, Minnesota, Iowa, and Missouri.

### *Area and population*

The great manufacturing States of the Central region are densely populated. All except Minnesota and Iowa average more residents per square mile than the country as a whole. In 15 percent of the Nation's area, this region contains more than one-fourth of the population. Its share of the population is smaller, however, than at the beginning of the century (tables A 1 and B 1).

More than half the area of the Central region is farm-crop land and nearly a third more, some 89,000,000 acres, is forest land (table A 2).

The one-fourth of the national population now located in the Central region is smaller than the proportion living there in 1900. Although the region's population has risen more than 70 percent in these decades, it has been outstripped by other regions. Michigan is the outstanding exception, having consistently gained population faster than the national average. This State, and the region as a whole, have received large numbers of persons by migration from outside areas. Ohio and Indiana also have gained in this manner (tables B 1, 2, and 3).

In the Central States in 1948, there were proportionately more persons in the working ages, 18 to 64, than there had been in 1930, and more also of 65 and over. There were fewer children (table B 4).

Three-fifths of the 1940 population of the Central States lived in urban areas—compared with only two-fifths in 1900 (table B 6).

### *Nonagricultural employment*

Nonagricultural employment rose very sharply in most of these States between 1939 and 1948, exceeding in four instances (Indiana, Iowa, Minnesota, and Wisconsin) the national rise of 45 percent. In two others (Illinois and Missouri), the rise equaled the national average. (Data on nonagricultural employment are not available for Ohio and Michigan.) Manufacturing accounted for a substantial part of these gains, with increases particularly notable in the metal, machinery, and transportation equipment industries (table C 1 (a)).

Manufacturing is relatively a very important component of total nonagricultural employment in most of these States, exceeding the national ratio of 33 percent in all except Minnesota, Iowa, and Missouri. Employment gains in manufacturing since 1909 have been considerably more rapid than in the country as a whole (table E 3 (b)). Indiana, Michigan, and Ohio have shown the greatest relative increases. Minnesota and Missouri, on the other hand, have lagged slightly behind the country as a whole.

Employment in manufacturing in the past year has closely followed the national trend. In both instances, employment in June 1949 was 8 percent below the June 1948 level (table C 2).

Average factory earnings significantly exceeded the national average in each of the States for which data are available (table C 4). This is due in a large part to the somewhat longer average workweek in this region. Hourly earnings range from slightly under the national average in Minnesota, to well above that average in Illinois, Indiana, and Michigan.

### *Unemployment*

With a large proportion of its workers in such industries as automobiles and basic metals, this region was less seriously affected by the economic downturn of early 1949 than the country as a whole (table D 2).

In early 1948, less than 2.5 percent of the workers covered by State unemployment insurance laws were filing continued claims for benefits, as against a national average of 3.3 percent. This favorable differential continued, so that by mid-1949, when the national wage stood at 6 percent, the average for this region was less than 5 percent; in Illinois, however, unemployment had risen to a level above the national average.

As was true for the country as a whole, the number of persons receiving at least one unemployment benefit payment was substantially less in 1948 than in 1940 (table D 1). The average claimant in this region stayed on the rolls about 9 weeks in 1948, or 1 week less than the national average. This was largely because the average duration in Michigan and Wisconsin was considerably lower than in the other States.

About 24 percent of all those who received at least one payment in this region stayed on the rolls until their rights were exhausted; the national average was 28 percent. Illinois and Michigan were on the lower end of the scale with exhaustions of less than 20 percent; Iowa and Indiana were at the other extreme with an exhaustion rate above 35 percent.

### *Construction*

The high levels of construction activity which were attained in 1948 were maintained in 1949 in most of the States in this region, matching the pace in the Nation as a whole (table F 1).

Of the 24 large cities in this region, 8 experienced a decline in total building in 1949 as compared with 1948 (table F 2). For the country as a whole, the total dollar volume of urban building was more than three times as great in 1949 as in 1921; only eight cities in this region made gains approximating this pace.

The number of dwelling units authorized in this region in 1949 was 22 percent greater than in 1948; the national total was up 9 percent (table F 3).

### *Agriculture*

The amount of land in farms rose sharply in Minnesota and Wisconsin between 1910 and 1945, but declined in Ohio and Indiana (table G 1). Very little change occurred in the other States in this region.

Following the national pattern, farm real-estate values in 1949 were about double their 1940 level in most of these States (table G 2). In five States, however (Wisconsin, Minnesota, Illinois, Iowa, and Mis-



souri), values were below the 1920 level. The national average in 1949 was about the same as in 1920.

This region employs about 23 percent of the total farm workers of the country (table C 4). In line with the national experience, farm employment currently is lower than it was in either 1925 or 1940.

In line with the national experience, farm wage rates in 1948 in most of these States were more than double the 1919 level and more than three times the average 1939 rate (table G 4). Except for Ohio, Indiana, and Missouri, the 1948 rates were well above the national average.

#### *Income*

The Central States, with about 27 percent of the national population, received in 1948 some 29 percent of the national total of individual income payments, or about \$1,534 per capita. Since 1929, the region has gained somewhat on the rest of the Nation in dollars received per capita. Manufacturing is even more important as a source of payments than in 1929. So also are agriculture and government (tables K 1, 2, and 3 (a) and (b)).

#### *Other economic indicators*

While the output of electrical energy has not increased as sharply in these States as in the country as a whole, this region is now the largest producer of electrical energy (table L 1). Before the war it was second to the Middle Atlantic Region.

Bank deposits in this region are about three times their 1939 level, keeping pace with the national rate of growth (table L 2).

## A. LAND

### 1. Land area and population density

State	Land area		Density—Population per square mile				
	Square miles	Percent of United States	1900	1920	1930	1940	1949 <sup>1</sup>
United States.....	2,977,128	100.0	25.5	35.5	41.2	44.2	50.0
Central region.....	450,276	15.1	51.2	65.9	75.6	79.5	88.2
Ohio.....	41,122	1.4	101.1	141.4	161.6	168.0	194.3
Indiana.....	36,205	1.2	69.5	81.3	89.4	91.7	110.3
Illinois.....	55,947	1.9	86.2	115.7	136.4	111.2	151.0
Michigan.....	57,022	1.9	42.5	63.8	84.9	32.2	111.4
Wisconsin.....	54,715	1.8	37.8	47.6	53.7	57.3	61.3
Minnesota.....	80,009	2.7	21.9	29.5	32.0	34.9	37.2
Iowa.....	55,986	1.9	39.9	43.2	44.1	45.3	47.2
Missouri.....	69,270	2.3	44.9	49.5	52.4	54.6	56.8

<sup>1</sup> Provisional estimate.  
Source: U. S. Bureau of the Census.

### 2. Land use, 1945

State	Total	Forest land	Crop-land in farms	Pasture and range	Other <sup>1</sup>
Acres (in thousands)					
United States.....	1,905,362	623,828	525,111	609,484	146,939
Central region.....	288,177	88,762	151,900	16,191	31,324
Ohio.....	26,318	4,831	15,658	3,011	2,818
Indiana.....	23,171	3,445	14,650	1,021	4,055
Illinois.....	35,806	3,396	25,133	1,580	5,697
Michigan.....	36,494	19,000	11,899	1,259	4,336
Wisconsin.....	35,018	17,000	13,038	2,245	2,735
Minnesota.....	51,206	19,700	22,974	2,523	6,009
Iowa.....	35,831	2,248	27,548	2,784	3,251
Missouri.....	44,333	19,142	21,000	1,768	2,423
Percent in each use					
United States.....	100	32.7	27.6	32.0	7.7
Central region.....	100	30.8	52.7	5.6	10.9
Ohio.....	100	18.4	59.5	11.4	10.7
Indiana.....	100	14.9	63.2	4.4	17.5
Illinois.....	100	9.5	70.2	4.4	15.9
Michigan.....	100	52.1	32.6	3.4	11.9
Wisconsin.....	100	48.6	37.2	6.4	7.8
Minnesota.....	100	38.5	44.9	4.9	11.7
Iowa.....	100	6.3	76.9	7.7	9.1
Missouri.....	100	43.2	47.4	4.0	5.4
Percent of United States total					
United States.....	100.0	100.0	100.0	100.0	100.0
Central region.....	15.1	14.2	28.9	2.6	21.3
Ohio.....	1.4	.8	3.0	.5	1.9
Indiana.....	1.2	.5	2.8	.2	2.8
Illinois.....	1.9	.5	4.8	.2	3.9
Michigan.....	1.9	3.0	2.2	.2	2.9
Wisconsin.....	1.8	2.7	2.5	.4	1.9
Minnesota.....	2.7	3.2	4.4	.4	4.1
Iowa.....	1.9	.4	5.2	.4	2.2
Missouri.....	2.3	3.1	4.0	.3	1.6

<sup>1</sup> Farmsteads, roads, urban, waste, etc.

Source: U. S. Department of Agriculture, Forest Service, Basic Forest Statistics for the United States.

## B. POPULATION

## 1. Number

State	1900	1929	1940	1949 <sup>1</sup>
United States.....	75,995,000	121,770,000	131,954,000	148,720,000
Central region.....	23,075,000	33,842,000	35,792,000	39,694,000
Ohio.....	4,158,000	6,626,000	6,905,000	7,989,000
Indiana.....	2,516,000	3,226,000	3,437,000	3,994,000
Illinois.....	4,822,000	7,606,000	7,892,000	8,449,000
Michigan.....	2,421,000	4,795,000	5,278,000	6,352,000
Wisconsin.....	2,069,000	2,934,000	3,141,000	3,355,000
Minnesota.....	1,751,000	2,572,000	2,800,000	2,977,000
Iowa.....	2,232,000	2,460,000	2,542,000	2,643,000
Missouri.....	3,107,000	3,622,000	3,797,000	3,935,000
Percent change <sup>2</sup>				
	1900-1949	1900-1929	1929-40	1940-49 <sup>1</sup>
United States.....	95.7	60.2	8.4	12.7
Central region.....	72.0	46.7	5.8	10.9
Ohio.....	92.1	59.4	4.2	15.7
Indiana.....	58.7	28.2	6.5	16.2
Illinois.....	75.2	57.8	3.8	7.1
Michigan.....	162.4	98.1	10.1	20.3
Wisconsin.....	62.2	41.8	7.1	6.8
Minnesota.....	70.0	46.9	8.8	6.3
Iowa.....	18.4	10.2	3.3	4.0
Missouri.....	26.6	16.6	4.8	3.6
Percent of United States total				
	1900	1929	1940	1949 <sup>1</sup>
United States.....	100.0	100.0	100.0	100.0
Central region.....	30.4	27.8	27.1	26.7
Ohio.....	5.5	5.4	5.2	5.4
Indiana.....	3.3	2.6	2.6	2.7
Illinois.....	6.3	6.2	6.0	5.7
Michigan.....	3.2	3.9	4.0	4.3
Wisconsin.....	2.7	2.4	2.4	2.3
Minnesota.....	2.3	2.1	2.1	2.0
Iowa.....	2.9	2.0	1.9	1.8
Missouri.....	4.1	3.0	2.9	2.6

<sup>1</sup> Provisional estimate.<sup>2</sup> Increase, unless otherwise indicated.

NOTE.—Figures cover total population, including armed forces stationed in the State; 1900, as of June 1; 1929 and later years, as of July 1.

Source: U. S. Bureau of the Census.

## B. POPULATION—Continued

## 2. Estimated migration and natural increase, 1940-48

[In thousands]

State	Net change in civilian population <sup>1</sup>	Natural increase	Net migration <sup>2</sup>	Net loss to armed forces
United States.....	13,888	13,982	+1,328	1,423
Central region.....	3,266	3,149	+505	386
Ohio.....	927	594	+412	80
Indiana.....	488	311	+218	41
Illinois.....	413	565	-79	73
Michigan.....	956	598	+420	62
Wisconsin.....	161	293	-98	33
Minnesota.....	141	282	-111	29
Iowa.....	74	218	-118	26
Missouri.....	106	288	-139	42

<sup>1</sup> Increase, unless otherwise indicated.<sup>2</sup> Net migration, comprises both net immigration from other countries and net interregional or interstate migration. A plus sign (+) indicates net in-migration; a minus sign (-) indicates net out-migration.

Source: U. S. Bureau of the Census, Release P-25, No. 26.

## 3. Estimated net migration, 1930-48

State	1930 population	Net migration <sup>1</sup>			
		1930-40	1940-48	1930-48	
				Number	As percent of 1930 population
United States.....	122,775,046	-46,518	+1,328,000	+1,281,482	1.0
Central region.....	33,961,444	-131,343	+505,000	+373,657	1.1
Ohio.....	6,646,697	-44,508	+412,000	+367,492	5.5
Indiana.....	3,238,503	+23,221	+218,000	+241,221	7.4
Illinois.....	7,630,654	-59,130	-79,000	-129,130	1.7
Michigan.....	4,842,325	+41,324	+420,000	+461,324	9.5
Wisconsin.....	2,939,006	+3,736	-98,000	-94,264	3.2
Minnesota.....	2,563,953	+35,880	-111,000	-75,120	2.9
Iowa.....	2,470,939	-81,905	-118,000	-199,905	8.1
Missouri.....	3,629,367	-58,961	-139,000	-197,961	5.5

<sup>1</sup> Net migration comprises both net immigration from other countries and net interregional or interstate migration. A plus sign (+) indicates net in-migration; a minus sign (-) indicates net out-migration.

Source: Basic data from U. S. Bureau of the Census. Computations by the Bureau of Labor Statistics. Note that the estimates are only approximate both as to representativeness and as to comparability.

## B. POPULATION—Continued

## 4. Age groups

State	1930				1940				1948			
	All ages	Under 18	18-64 <sup>1</sup>	65 and over	All ages	Under 18	18-64	65 and over <sup>2</sup>	All ages	Under 18	18-64 <sup>1</sup>	65 and over
Number (in thousands)												
United States.....	122, 775	43, 016	73, 126	6, 634	131, 669	40, 287	82, 363	9, 019	146, 113	45, 292	89, 881	10, 940
Central region.....	33, 961	11, 190	20, 663	2, 108	35, 742	10, 305	22, 701	2, 735	39, 061	11, 502	24, 322	3, 237
Ohio.....	6, 647	2, 173	4, 059	415	6, 908	1, 951	4, 417	540	7, 842	2, 280	4, 901	661
Indiana.....	3, 239	1, 069	1, 937	233	3, 428	1, 009	2, 131	288	3, 917	1, 186	2, 386	345
Illinois.....	7, 631	2, 386	4, 823	421	7, 897	2, 104	5, 226	568	8, 348	2, 290	5, 396	662
Michigan.....	4, 842	1, 658	2, 929	255	5, 256	1, 599	3, 326	331	6, 216	1, 940	3, 853	423
Wisconsin.....	2, 939	1, 015	1, 732	192	3, 138	854	1, 942	242	3, 300	1, 010	2, 009	281
Minnesota.....	2, 564	888	1, 512	163	2, 792	842	1, 738	213	2, 934	900	1, 787	247
Iowa.....	2, 471	835	1, 452	184	2, 538	762	1, 548	228	2, 612	760	1, 597	255
Missouri.....	3, 629	1, 166	2, 219	245	3, 785	1, 086	2, 373	326	3, 892	1, 136	2, 393	363
Percent of total												
United States.....	100. 0	35. 0	59. 6	5. 4	100. 0	30. 6	62. 6	6. 8	100. 0	31. 0	61. 5	7. 5
Central region.....	100. 0	32. 9	60. 8	6. 2	100. 0	28. 8	63. 5	7. 7	100. 0	29. 4	62. 3	8. 3
Ohio.....	100. 0	32. 7	61. 1	6. 2	100. 0	28. 2	63. 9	7. 8	100. 0	29. 1	62. 5	8. 4
Indiana.....	100. 0	33. 0	59. 8	7. 2	100. 0	29. 4	62. 2	8. 4	100. 0	30. 3	60. 9	8. 8
Illinois.....	100. 0	31. 3	63. 2	5. 5	100. 0	26. 0	66. 2	7. 2	100. 0	27. 4	64. 6	7. 9
Michigan.....	100. 0	34. 3	60. 5	5. 3	100. 0	30. 4	63. 3	6. 3	100. 0	31. 2	62. 0	6. 8
Wisconsin.....	100. 0	34. 5	58. 9	6. 5	100. 0	30. 4	61. 9	7. 7	100. 0	30. 6	60. 9	8. 5
Minnesota.....	100. 0	34. 6	59. 0	6. 4	100. 0	30. 2	62. 2	7. 6	100. 0	30. 7	60. 9	8. 4
Iowa.....	100. 0	33. 8	58. 8	7. 5	100. 0	30. 0	61. 0	9. 0	100. 0	29. 1	61. 1	9. 8
Missouri.....	100. 0	32. 1	61. 1	6. 7	100. 0	28. 7	62. 7	8. 6	100. 0	29. 2	61. 5	9. 3

<sup>1</sup> Figures include a number of persons of unknown age.

<sup>2</sup> 1940 figures for persons aged 65 and over in the United States are believed by Census Bureau to be about 56,000 too high (Census release P-47, No. 3, p. 8).

NOTE.—Figures cover total population, including armed forces stationed in the State—1930 and 1940 figures as of Apr. 1, 1948, as of July 1.

Source: U. S. Bureau of the Census. 1930 and 1940 data are decennial census figures. Figures for 1948 are estimated based on the 1940 census, brought up to date by use of data on births, deaths, net immigration, and strength and distribution of the armed forces, and by use of estimates of net internal migration, based on school enrollment data. In the absence of direct information on net interstate migration this factor had to be estimated, and assumptions had to be introduced regarding the migration rate for each age group—assumptions that may apply more exactly to some States than to others. Furthermore, estimates of population become progressively less reliable as the time since the last census increases. These estimates of population should therefore be regarded as only rough approximations.

## 5. Median age, 1930 and 1940

State	1930	1940	Years' increase
United States.....	26. 5	29. 0	2. 5
Central Region:			
Ohio.....	28. 4	30. 8	2. 4
Indiana.....	28. 5	30. 3	1. 8
Illinois.....	28. 7	31. 5	2. 8
Michigan.....	27. 1	29. 3	2. 2
Wisconsin.....	27. 3	29. 8	2. 5
Minnesota.....	27. 2	29. 5	2. 3
Iowa.....	28. 1	30. 2	2. 1
Missouri.....	28. 5	31. 1	2. 6

Source: 1940 Census of Population, vol. IV.

## B. POPULATION—Continued

## 6. Urban, rural, 1900-40

State	Urban			Rural		
	1900	1930	1940	1900	1930	1940
Number						
United States.....	30,150,921	68,954,823	74,423,702	45,834,654	53,820,223	57,245,573
Central region.....	9,518,565	20,890,935	21,879,384	13,556,928	13,070,509	13,862,190
Ohio.....	1,998,382	4,507,371	4,612,986	2,159,163	2,139,326	2,294,626
Indiana.....	862,689	1,795,892	1,887,712	1,653,773	1,442,611	1,540,084
Illinois.....	2,613,368	5,635,727	5,809,650	2,206,182	3,094,927	2,087,691
Michigan.....	952,323	3,302,075	3,454,867	1,468,659	1,540,250	1,801,239
Wisconsin.....	790,213	1,553,843	1,679,144	1,278,829	1,385,163	1,458,443
Minnesota.....	598,100	1,257,616	1,390,098	1,153,294	1,306,337	1,402,202
Iowa.....	572,386	979,292	1,084,231	1,659,467	1,491,647	1,454,037
Missouri.....	1,128,104	1,859,119	1,960,696	1,978,561	1,770,248	1,823,968
Percent of total population						
United States.....	39.7	56.2	56.5	60.3	43.8	43.5
Central region.....	41.2	61.5	61.2	58.8	38.5	38.8
Ohio.....	48.1	67.8	66.8	51.9	32.2	33.2
Indiana.....	34.3	55.5	55.1	65.7	44.5	44.9
Illinois.....	54.3	73.9	73.6	45.7	28.1	28.4
Michigan.....	39.3	68.2	65.7	60.7	31.8	34.3
Wisconsin.....	38.2	52.9	53.5	61.8	47.1	46.5
Minnesota.....	34.1	49.0	49.8	65.9	51.0	50.2
Iowa.....	25.6	39.6	42.7	74.4	60.4	57.3
Missouri.....	36.3	51.2	51.8	63.7	48.8	48.2

Source: 1940 Census of Population, vol. I.

## C. EMPLOYMENT

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49

## A. BY YEAR

## OHIO

Year	Total	Manu- factur- ing	Mining	Contract construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	1,744.0	752.0							
1943.....	2,566.1	1,363.3	29.1	70.3	199.5	380.1	57.7	183.7	282.2
1947.....		1,245.1							
1948.....		1,237.8							
First half 1948.....		1,241.3							
First half 1949.....		1,144.3							
Percent of total									
Average:									
1939.....	100.0	43.1							
1943.....	100.0	53.1	1.1	2.7	7.8	14.8	2.2	7.2	11.0
1947.....									
1948.....									
First half 1948.....									
First half 1949.....									

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the bench marks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Ohio Bureau of Unemployment Compensation.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## A. BY YEAR—Continued

## INDIANA

Year	Total	Manu- facturing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	773.0	350.0							
1943.....	1,190.9	633.1	14.7	36.6	93.1	184.8	28.1	82.2	118.4
1947.....	1,194.8	562.4	15.5	46.9	103.6	227.6	32.4	88.7	119.2
1948.....	1,217.6	562.2	15.9	51.8	105.9	235.7	33.6	90.4	122.1
First half of 1948..	1,207.3	559.6	15.8	49.6	105.0	231.6	33.5	90.4	122.0
First half of 1949..	1,165.5	527.1	14.3	45.1	101.8	228.8	33.6	90.4	124.6
Percent of total									
Average:									
1939.....	100.0	45.3							
1943.....	100.0	53.2	1.2	3.1	7.8	15.5	2.4	6.9	9.9
1947.....	100.0	47.0	1.3	3.9	8.7	19.0	2.7	7.4	10.0
1948.....	100.0	46.2	1.3	4.3	8.7	19.4	2.8	7.4	10.0
First half 1948..	100.0	46.3	1.3	4.1	8.7	19.2	2.8	7.5	10.1
First half 1949..	100.0	45.2	1.2	3.9	8.7	19.6	2.9	7.8	10.7

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the benchmarks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Indiana Employment Security Division.



## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## A. BY YEAR—Continued

## ILLINOIS

Year	Total	Manu- factur- ing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	2,207.0	802.0							
1943.....	2,956.8	1,263.7	50.9	81.2	287.7	552.5	134.4	281.2	305.1
1947.....	3,126.9	1,248.0	45.8	111.7	321.5	640.6	145.7	327.5	286.2
1948.....	3,182.5	1,237.0	47.8	113.1	305.9	663.2	151.2	350.6	313.7
First half 1948....	3,146.4	1,236.9	46.9	105.5	300.9	653.3	150.1	345.7	307.0
First half 1949....	3,096.7	1,160.7	46.8	110.0	294.0	648.8	157.0	360.2	319.1
Percent of total									
Average:									
1939.....	100.0	36.3							
1943.....	100.0	42.7	1.7	2.7	9.7	18.7	4.5	9.5	10.3
1947.....	100.0	39.9	1.5	3.6	10.3	20.5	4.7	10.5	9.2
1948.....	100.0	38.9	1.5	3.6	9.6	20.8	4.8	11.0	9.9
First half 1948....	100.0	39.3	1.5	3.4	9.6	20.8	4.8	11.0	9.8
First half 1949....	100.0	37.5	1.5	3.6	9.5	21.0	5.1	11.6	10.3

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the benchmarks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Illinois Division of Placement and Unemployment Compensation.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## A. BY YEAR—Continued

## MICHIGAN

Year	Total	Manu- factur- ing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	1,308.0	631.0							
1943.....	2,033.0	1,181.8	20.1	47.4	103.3	302.6	42.6	144.3	190.9
1947.....		1,041.7							
1948.....		1,058.3							
First half 1948.....		1,045.1							
First half 1949.....		992.6							
Percent of total									
Average:									
1939.....	100.0	48.2							
1943.....	100.0	58.1	1.0	2.3	5.1	14.9	2.1	7.1	9.4
1947.....									
1948.....									
First half 1948.....									
First half 1949.....									

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the bench marks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Michigan Unemployment Compensation Commission.

## C. EMPLOYMENT—Continued

## I. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## A. BY YEAR—Continued

## WISCONSIN

Year	Total	Manu- factur- ing	Mining	Con- struc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Government
Number (in thousands)									
Average:									
1939.....	620.0	255.0							
1943.....	885.2	442.8	2.3	21.4	63.9	148.4	24.8	76.5	105.2
1947.....	969.3	434.3	3.5	37.7	75.9	185.1	30.2	91.2	111.4
1948.....	992.4	432.8	3.6	40.1	78.8	194.1	32.8	96.2	114.0
First half 1948...	976.5	429.4	3.5	37.1	77.7	189.7	32.2	94.5	112.4
First half 1949...	963.2	404.2	3.5	36.8	76.3	190.8	35.2	100.8	115.5
Percent of total									
Average:									
1939.....	100.0	41.1							
1943.....	100.0	50.0	.3	2.4	7.2	16.8	2.8	8.6	11.9
1947.....	100.0	44.8	.4	3.9	7.8	19.1	3.1	9.4	11.5
1948.....	100.0	43.6	.4	4.0	7.9	19.6	3.3	9.7	11.5
First half 1948...	100.0	44.0	.4	3.8	8.0	19.4	3.3	9.7	11.5
First half 1949...	100.0	42.0	.4	3.8	7.9	19.8	3.7	10.5	12.0

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the bench marks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Statistical Department, Wisconsin Industrial Commission.

## C. EMPLOYMENT—Continued

## I. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## A. BY YEAR—Continued

## MINNESOTA

Year	Total	Manu- factur- ing	Mining	Con- struction	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	522.0	108.0							
1943.....	666.1	215.1	15.2	18.1	73.0	148.9	26.5	73.3	96.1
1947.....	770.6	199.5	14.5	37.0	83.3	200.7	32.6	92.4	110.5
1948.....	793.1	197.0	15.8	38.3	88.6	215.1	33.5	95.3	109.5
First half 1948.....	776.4	193.1	15.2	34.0	86.8	208.9	33.2	94.6	110.7
First half 1949.....	764.8	184.9	16.0	32.0	83.1	210.3	34.3	95.7	108.4
Percent of total									
Average:									
1939.....	100.0	20.7							
1943.....	100.0	32.3	2.3	2.7	11.0	22.4	4.0	11.0	14.4
1947.....	100.0	25.9	1.9	4.8	10.8	26.0	4.2	12.0	14.3
1948.....	100.0	24.8	2.0	4.8	11.2	27.1	4.2	12.0	13.8
First half 1948.....	100.0	24.9	2.0	4.4	11.2	26.9	4.3	12.2	14.3
First half 1949.....	100.0	24.2	2.1	4.2	10.9	27.5	4.5	12.5	14.2

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the benchmarks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Division of Employment and Security, Minnesota Department of Social Security.

## C. EMPLOYMENT—Continued

## I. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## A. BY YEAR—Continued

## IOWA

Year	Total	Manu- factur- ing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	406.0	91.8							
1943.....	512.2	161.7	4.4	13.7	53.1	120.8	17.7	54.3	86.5
1947.....		149.6	3.2		60.0				87.3
1948.....		152.2	3.4		61.2				90.5
First half 1948.....		149.5	3.3		60.3				90.5
First half 1949.....		145.4	3.0		58.7				90.8
Percent of total									
Average:									
1939.....	100.0	22.6							
1943.....	100.0	31.6	0.9	2.7	10.4	23.6	3.5	10.6	16.9
1947.....									
1948.....									
First half 1948.....									
First half 1949.....									

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the benchmarks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Iowa Employment Security Commission.

## C. EMPLOYMENT—Continued

## I. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## A. BY YEAR—Continued

## MISSOURI

Year	Total	Manu- factur- ing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	777.0	233.0							
1943.....	1,080.9	412.9	11.7	28.4	113.8	231.1	42.4	109.6	131.0
1947.....	1,120.2	348.8	10.1	45.5	125.4	270.2	49.0	130.8	131.4
1948.....	1,141.6	350.8	9.8	46.6	124.6	293.1	51.9	131.4	133.6
First half, 1948..	1,133.5	350.0	10.2	45.6	123.3	289.3	51.7	131.8	132.4
First half, 1949..	1,108.3	335.3	9.8	38.4	121.8	285.7	51.2	131.3	134.8
Percent of total									
Average:									
1939.....	100.0	30.0							
1943.....	100.0	38.2	1.1	2.6	10.5	21.4	3.9	10.1	12.1
1947.....	100.0	31.1	0.9	4.1	11.2	24.9	4.4	11.7	11.7
1948.....	100.0	30.7	.9	4.1	10.9	25.7	4.5	11.5	11.7
First half, 1948..	100.0	30.9	.9	4.0	10.9	25.5	4.6	11.6	11.7
First half, 1949..	100.0	30.3	.9	3.5	11.0	25.8	4.6	11.8	12.2

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the National series, and the differences in the dates of the benchmarks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Division of Employment Security, Missouri Department of Labor and Industrial Relations.

## C. EMPLOYMENT—Continued

## I. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## B. BY MONTH

## OHIO

Month	Total	Manu- factur- ing	Mining	Con- struc- tion	Trans- porta- tion and public utilities	Trade	Fi- nance, insur- ance, and real estate	Service	Govern- ment
1948									
January.....		1,251.0							
February.....		1,249.8							
March.....		1,251.0							
April.....		1,235.1							
May.....		1,227.5							
June.....		1,223.3							
July.....		1,220.6							
August.....		1,235.3							
September.....		1,253.7							
October.....		1,241.0							
November.....		1,235.7							
December.....		1,219.3							
1949									
January.....		1,198.3							
February.....		1,187.7							
March.....		1,164.3							
April.....		1,131.3							
May.....		1,103.8							
June.....		1,090.7							
July.....		1,063.0							
August.....		1,079.5							
September.....		1,082.4							
October.....		997.6							
November.....		1,010.4							
December.....		1,078.3							

## INDIANA

1948									
January.....	1,207.0	566.6	15.8	46.2	104.9	231.1	32.8	89.0	120.7
February.....	1,197.5	562.8	15.6	44.3	105.2	226.9	32.9	88.8	120.9
March.....	1,207.3	562.6	16.2	47.1	105.7	230.1	33.1	89.8	122.6
April.....	1,196.6	550.1	14.6	49.9	101.9	231.0	33.7	91.6	123.8
May.....	1,212.6	553.9	16.1	53.8	105.1	234.5	34.0	91.9	123.3
June.....	1,223.1	561.5	16.4	56.1	107.0	235.7	34.3	91.5	120.5
July.....	1,214.6	557.9	16.3	57.1	108.1	233.6	34.5	89.7	117.5
August.....	1,214.9	560.4	16.1	57.7	107.1	232.2	34.4	88.7	118.3
September.....	1,246.3	583.8	16.1	56.0	107.3	235.8	33.9	91.3	122.1
October.....	1,230.8	567.0	15.9	53.8	107.4	239.2	33.4	91.0	123.1
November.....	1,224.9	562.0	15.7	50.9	106.1	243.8	33.3	90.5	122.7
December.....	1,236.0	557.6	15.5	48.3	105.4	255.1	33.3	91.0	129.9
1949									
January.....	1,186.2	546.8	15.3	42.9	103.2	230.3	33.1	90.1	124.5
February.....	1,171.2	539.7	15.1	40.0	102.5	227.1	33.3	89.5	123.9
March.....	1,163.1	532.3	15.0	40.2	100.6	226.7	33.7	90.0	124.6
April.....	1,167.0	523.9	14.4	46.1	101.1	232.3	33.7	90.7	124.8
May.....	1,151.3	510.4	12.2	48.6	101.1	228.4	33.9	91.3	125.4
June.....	1,154.3	509.2	13.4	52.6	102.0	227.9	34.2	90.9	124.1
July.....	1,155.2	511.9	13.1	57.3	100.8	225.1	34.3	90.6	122.1
August.....	1,166.4	519.0	14.7	57.6	101.8	225.8	34.0	89.8	123.6
September.....	1,187.9	534.3	14.3	57.3	102.2	228.7	33.6	90.2	127.4
October.....	1,113.5	476.8	6.8	52.4	97.1	230.0	33.1	90.1	127.2
November.....	1,117.8	473.2	14.2	49.7	96.9	234.4	33.1	89.6	126.8
December.....	1,159.6	502.0	14.1	44.4	99.6	245.0	33.1	88.8	132.7

For note and source see table C 1A.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## B. BY MONTH—Continued

## ILLINOIS

Month	Total	Manu- factur- ing	Mining	Con- struc- tion	Trans- porta- tion and public utilities	Trade	Fi- nance, insur- ance, and real estate	Service	Gov- ern- ment
1948									
January.....	3,172.2	1,271.0	46.5	105.1	301.0	656.7	147.3	339.7	304.7
February.....	3,150.7	1,267.0	46.8	95.9	300.2	648.8	148.0	341.2	302.8
March.....	3,144.5	1,253.5	46.2	96.4	300.6	650.3	148.5	343.9	305.1
April.....	3,110.3	1,198.0	45.9	105.1	297.8	654.8	151.9	349.6	307.3
May.....	3,126.4	1,203.5	47.9	112.0	300.8	651.2	151.9	348.0	311.0
June.....	3,174.4	1,228.7	48.3	118.5	305.2	658.1	152.9	351.4	311.2
July.....	3,185.0	1,227.4	49.5	122.2	312.4	654.6	154.3	353.7	310.9
August.....	3,194.9	1,231.0	48.1	123.7	312.8	656.7	153.1	355.4	314.1
September.....	3,217.6	1,243.8	48.5	125.2	312.0	660.4	150.6	355.7	321.5
October.....	3,227.7	1,243.3	48.0	122.1	311.8	673.2	151.6	356.4	321.4
November.....	3,229.7	1,242.7	48.6	118.1	309.1	688.8	152.0	355.8	314.6
December.....	3,256.1	1,234.5	48.0	113.2	306.7	704.3	152.0	356.3	340.1
1949									
January.....	3,156.7	1,211.5	47.3	107.2	296.7	665.2	155.2	355.9	317.8
February.....	3,112.4	1,191.7	46.7	100.0	295.6	649.7	155.3	355.6	317.7
March.....	3,085.9	1,171.1	46.5	103.8	290.9	643.6	155.7	356.4	317.9
April.....	3,091.4	1,147.6	46.3	112.2	293.6	652.6	157.3	362.9	318.9
May.....	3,068.5	1,125.5	46.7	117.4	293.2	640.8	158.4	364.8	321.7
June.....	3,065.2	1,117.0	47.1	119.8	294.2	641.1	160.2	365.4	320.6
July.....	3,039.7	1,105.3	46.3	122.6	293.2	634.9	160.7	359.0	317.7
August.....	3,051.5	1,116.2	46.7	124.5	292.3	632.2	160.4	355.6	323.7
September.....	3,069.9	1,125.3	46.2	122.6	288.0	643.2	158.8	358.1	327.9
October.....	3,017.2	1,095.9	29.9	123.9	284.1	645.0	155.9	355.8	326.7
November.....	3,030.8	1,107.5	45.9	117.4	282.3	646.7	155.1	353.3	322.5
December.....	3,080.2	1,119.5	47.8	106.0	284.3	667.9	154.6	351.2	349.0

## MICHIGAN

1948									
January.....		1,057.3							
February.....		1,018.8							
March.....		1,060.1							
April.....		1,058.2							
May.....		1,057.9							
June.....		1,018.5							
July.....		1,064.8							
August.....		1,054.4							
September.....		1,084.2							
October.....		1,087.1							
November.....		1,075.3							
December.....		1,062.9							
1949									
January.....		1,041.3							
February.....		1,010.5							
March.....		1,007.7							
April.....		987.4							
May.....		931.7							
June.....		976.6							
July.....		982.0							
August.....		1,002.2							
September.....		1,009.4							
October.....		986.2							
November.....		905.4							
December.....									

For note and source see table C 1A.



## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## B. BY MONTH—Continued

## WISCONSIN

Month	Total	Manu- factur- ing	Mining	Con- struc- tion	Trans- porta- tion and public utilities	Trade	Fi- nance, insur- ance, and real estate	Service	Gov- ern- ment
1948									
January.....	970.6	433.9	3.3	34.9	76.8	186.3	31.2	92.1	112.2
February.....	972.3	434.2	3.3	34.4	77.2	187.5	31.5	92.9	111.3
March.....	973.8	432.5	3.4	34.2	77.2	188.9	31.9	93.6	112.1
April.....	972.9	426.3	3.6	35.7	77.3	189.7	32.5	95.2	112.6
May.....	976.8	420.0	3.6	40.3	78.0	192.4	32.7	96.5	113.5
June.....	992.7	429.7	3.7	43.2	79.6	193.7	33.2	96.6	113.0
July.....	1,015.7	447.9	3.7	44.3	80.1	195.7	33.9	97.8	112.3
August.....	1,006.6	434.5	3.7	45.6	80.9	196.3	33.7	98.4	113.5
September.....	1,018.1	445.8	3.7	44.5	79.9	195.2	33.5	98.7	116.7
October.....	1,003.1	431.8	3.6	43.3	79.8	196.7	33.3	98.4	116.3
November.....	1,000.2	430.7	3.6	41.3	79.6	200.3	33.2	97.2	114.3
December.....	1,005.6	426.5	3.6	39.6	79.5	206.3	33.2	96.8	120.1
1949									
January.....	970.7	415.5	3.4	36.0	77.0	191.6	34.0	97.7	115.4
February.....	960.8	411.4	3.4	33.5	77.2	187.1	34.4	98.6	115.2
March.....	956.6	407.8	3.5	33.4	75.6	186.9	34.9	99.4	115.2
April.....	958.5	399.0	3.6	35.4	75.6	192.8	35.5	101.2	115.4
May.....	960.2	393.2	3.6	40.2	76.0	192.6	35.8	102.5	116.3
June.....	972.1	398.3	3.7	42.5	76.5	194.1	36.3	105.3	115.5
July.....	984.5	410.3	3.7	43.4	76.7	193.3	36.8	106.1	114.2
August.....	990.1	416.3	3.7	43.7	76.0	191.3	36.6	106.9	115.6
September.....	979.9	404.1	3.8	43.0	74.3	191.6	36.4	108.1	118.8
October.....	967.5	392.1	2.4	42.9	73.2	194.0	36.2	107.9	118.7
November.....	957.5	384.6	3.0	41.2	72.7	196.1	36.1	106.3	117.6
December.....	963.9	380.3	3.4	37.7	72.8	203.6	36.1	105.9	124.0

## MINNESOTA

1948									
January.....	773.5	197.1	14.2	30.5	83.7	210.4	32.6	93.5	111.5
February.....	765.3	196.0	14.4	29.0	83.6	206.2	32.8	92.8	110.6
March.....	767.7	194.5	14.7	29.3	84.6	206.6	33.1	93.4	111.5
April.....	770.3	185.1	15.2	34.0	86.0	208.0	33.3	94.9	111.9
May.....	783.3	187.1	15.9	38.5	89.4	210.1	33.5	96.1	112.7
June.....	798.7	198.8	16.7	42.9	91.7	212.1	33.7	97.1	105.8
July.....	806.1	201.7	17.2	45.5	92.7	213.5	34.4	95.9	105.2
August.....	814.2	205.1	17.5	47.0	92.9	216.0	34.3	95.2	106.1
September.....	823.7	209.0	16.8	45.3	91.8	220.8	33.9	96.5	109.6
October.....	810.0	198.5	16.3	42.7	90.9	221.9	33.5	97.1	109.3
November.....	805.5	197.5	15.8	40.6	89.3	224.9	33.6	96.1	107.7
December.....	799.4	193.5	15.0	34.6	85.1	231.0	33.6	94.9	111.7
1949									
January.....	767.6	187.6	15.2	31.1	80.1	217.1	33.7	94.1	108.5
February.....	756.4	186.5	15.3	27.9	79.5	210.3	34.0	94.8	108.1
March.....	752.4	185.5	15.3	28.1	78.6	207.5	34.2	95.0	108.2
April.....	762.5	182.7	16.0	31.0	85.6	208.3	34.4	96.2	108.2
May.....	771.4	182.4	16.9	35.3	86.6	209.2	34.5	97.4	109.0
June.....	778.6	184.8	17.5	38.7	87.8	209.3	34.9	97.0	108.5
July.....	774.5	188.1	17.5	31.5	88.9	208.8	35.2	97.3	107.1
August.....	786.8	194.4	17.3	38.8	88.9	208.1	35.5	95.9	108.0
September.....	786.2	189.7	17.1	40.5	89.5	209.0	35.2	95.9	109.4
October.....	770.0	185.0	3.9	41.6	86.9	210.7	34.8	96.0	111.1
November.....	779.1	185.7	15.7	38.8	84.8	212.2	34.9	95.4	111.6
December.....	778.1	184.5	15.0	33.4	84.3	217.7	34.9	94.7	113.8

For note and source see table C 1A.

## C. EMPLOYMENT—Continued

1: Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## B. BY MONTH—Continued

## Iowa

Month	Total	Manu- factur- ing	Mining	Con- struc- tion	Trans- porta- tion and public utilities	Trade	Fi- nance, insur- ance, and real estate	Service	Gov- ernment
1948									
January		154.0	3.4		59.8				88.7
February		152.4	3.4		59.5				89.2
March		151.4	3.2		59.6				90.8
April		141.4	3.3		60.2				91.8
May		144.2	3.2		60.7				92.0
June		153.8	3.2		62.2				90.3
July		153.3	3.2		63.0				88.3
August		156.2	3.4		63.2				88.0
September		157.4	3.4		62.6				90.6
October		153.1	3.6		62.0				90.8
November		154.2	3.7		61.6				90.3
December		154.5	3.5		60.6				95.2
1949									
January		151.6	3.3		58.8				91.2
February		149.2	3.0		58.6				90.7
March		147.6	3.1		57.7				91.1
April		142.6	3.0		58.6				90.9
May		140.4	3.0		59.3				91.2
June		140.7	2.3		60.5				90.0
July		138.8	2.4		60.8				88.5
August		143.6	2.6		60.7				90.9
September		143.6	2.8		60.0				93.1
October		145.8	2.7		59.8				93.3
November		144.7	2.8		59.5				92.7
December		146.9	2.6		58.8				97.5

## Missouri

1948									
January	1,131.2	352.1	10.6	44.2	122.7	288.1	51.2	130.4	131.9
February	1,121.9	352.2	10.3	40.4	121.7	285.3	50.8	130.0	131.2
March	1,129.9	350.2	10.3	42.9	123.0	289.2	51.1	131.1	132.1
April	1,133.6	346.6	10.0	47.8	123.1	289.0	52.0	132.5	132.6
May	1,138.2	345.7	9.8	49.0	123.7	290.5	52.4	133.5	133.6
June	1,151.1	353.1	10.0	49.4	125.6	293.8	52.9	133.6	132.7
July	1,146.5	352.3	9.8	48.3	126.7	292.8	53.2	131.7	131.7
August	1,143.5	354.4	7.0	49.4	126.2	291.3	52.9	130.7	131.6
September	1,149.9	353.8	7.5	49.0	126.3	294.8	52.3	132.0	134.2
October	1,153.0	353.4	10.6	49.3	126.1	296.4	51.7	131.5	134.0
November	1,143.5	349.6	10.6	46.2	123.7	298.6	51.3	130.0	133.5
December	1,157.1	346.0	10.6	42.8	126.3	307.1	51.1	129.6	143.6
1949									
January	1,112.9	342.5	10.0	36.5	123.0	285.7	50.9	129.7	134.6
February	1,102.9	339.5	9.8	34.7	121.9	282.5	50.8	129.7	134.0
March	1,104.0	338.6	9.9	37.3	120.3	282.3	50.6	130.4	134.6
April	1,110.9	331.8	9.8	39.7	120.8	290.6	51.4	132.0	134.8
May	1,109.4	329.1	9.8	41.5	121.7	286.8	51.8	132.9	135.8
June	1,109.6	330.4	9.7	40.5	123.1	286.2	51.8	132.9	135.0
July	1,109.1	334.4	9.6	39.9	123.2	284.7	52.4	131.5	133.4
August	1,112.5	336.1	9.5	44.4	122.8	282.0	52.1	130.8	134.8
September	1,106.5	336.0	9.5	42.8	112.4	287.1	51.7	131.9	138.1
October	1,109.2	331.7	9.6	44.4	111.5	291.8	51.1	131.5	137.6
November	1,109.1	324.6	9.4	43.1	120.5	294.7	50.6	130.3	135.9
December	1,130.2	329.8	9.4	39.3	121.6	303.9	50.6	129.7	145.9

For note and source see table C. 1A.

C. EMPLOYMENT—Continued

2. Employees in manufacturing establishments, in selected months, 1947-49

REGIONAL TOTALS

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing <sup>1</sup> .....	5,237.5	5,255.8	4,954.9	5,207.4	5,177.4	4,747.7	5,289.9	5,311.5	4,824.7	5,294.1	5,195.7	.....
	Percent change											
	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49		
All manufacturing .....	0.4	-5.7	-0.6	-8.0	0.4	-9.2	-1.9	.....				

<sup>1</sup> No break-down of manufacturing is available.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with State agencies.

## C. EMPLOYMENT—Continued

## 2. Employees in manufacturing establishments, in selected months, 1947-49—Continued

OHIO

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing <sup>1</sup> .....	1,253.2	1,251.0	1,164.3	1,243.7	1,233.3	1,090.7	1,248.7	1,253.7	1,082.4	1,250.7	1,219.3	1,078.3
	Percent change											
	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49		
All manufacturing .....	-0.2	-7.0	-0.8	-11.6	0.4	-13.7	-2.5	-11.6				

<sup>1</sup> No break-down of manufacturing is available.

Series based on the 1945 Standard Industrial Classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Ohio Bureau of Unemployment Compensation.

INDIANA  
[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing.....	557.2	562.6	532.3	561.6	561.5	509.2	584.6	583.8	534.2	570.6	557.6	502.0
Durable goods.....	400.0	404.1	379.0	400.7	399.2	354.7	401.8	401.2	.....	408.3	398.8	.....
Nondurable goods.....	157.2	158.5	153.3	161.0	162.4	154.5	182.8	182.6	.....	162.3	158.8	.....
Lumber and wood products.....	11.5	11.1	9.8	11.8	11.1	10.0	11.6	11.1	.....	11.7	10.7	.....
Furniture and fixtures.....	21.2	22.9	20.1	20.6	21.6	19.4	21.0	21.0	.....	23.0	21.9	.....
Stone, clay, and glass products.....	21.7	22.0	19.8	21.8	21.5	20.2	22.7	22.5	.....	22.3	21.3	.....
Primary metal industries.....	83.6	85.4	86.6	83.2	86.0	84.5	82.1	87.1	.....	83.7	87.9	.....
Fabricated metal products.....	41.0	41.0	34.9	40.3	39.7	31.5	41.7	40.3	.....	42.4	38.5	.....
Machinery (except electrical).....	72.7	73.3	62.8	75.8	71.9	65.2	74.6	70.7	.....	73.5	68.2	.....
Electrical machinery.....	64.7	56.5	50.6	61.6	53.1	47.8	59.0	53.4	.....	59.7	55.4	.....
Transportation equipment.....	82.0	90.5	93.1	84.0	92.7	84.9	87.5	92.6	.....	90.5	92.8	.....
Instruments and related products.....	1.7	1.5	1.4	1.7	1.5	1.3	1.6	1.5	.....	1.5	1.5	.....
Food and kindred products.....	46.2	45.6	46.2	49.5	50.3	48.5	71.5	70.5	.....	49.3	48.0	.....
Tobacco manufactures.....	1.4	1.3	1.1	1.3	1.2	1.1	1.3	1.2	.....	1.4	1.2	.....
Textile-mill products.....	7.7	7.5	6.5	7.2	7.4	6.5	7.3	7.0	.....	7.5	6.7	.....
Apparel and other finished textile products.....	17.1	17.5	17.2	17.2	17.8	17.1	16.7	17.4	.....	17.0	17.3	.....
Paper and allied products.....	9.1	9.5	9.1	9.3	9.3	8.7	9.2	9.7	.....	9.4	9.6	.....
Printing, publishing, and allied industries.....	15.5	15.8	15.4	15.5	15.9	15.5	15.8	15.8	.....	16.0	16.0	.....
Chemicals and allied products.....	17.7	17.8	17.7	17.6	17.4	17.4	17.8	18.0	.....	17.6	17.5	.....
Products of petroleum and coal.....	12.9	14.1	14.4	13.8	14.4	14.1	14.0	14.6	.....	14.2	14.6	.....
Rubber products.....	16.2	16.1	14.5	16.5	16.0	14.2	15.4	15.7	.....	15.9	15.9	.....
Leather and leather products.....	3.2	3.2	2.7	3.1	2.9	2.8	3.1	2.9	.....	3.2	2.5	.....
Miscellaneous manufacturing industries.....	10.1	10.1	8.4	10.1	9.7	8.6	10.5	9.9	.....	10.8	9.6	.....
Percent change												
	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49		
All manufacturing.....	1.0	-5.4	( <sup>1</sup> )	-9.3	-0.1	-8.5	-2.3	-10.0				
Durable goods.....	1.0	-6.2	-0.4	-11.1	-1	-2.3						
Nondurable goods.....	.8	-3.3	.9	-4.9	-1	-2.2						

<sup>1</sup> Less than 0.05 percent decrease.  
Series based on the 1945 Standard Industrial Classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Indiana Employment Security Division.

## C. EMPLOYMENT—Continued

## 2. Employees in manufacturing establishments, in selected months, 1947-49—Continued

ILLINOIS  
[In thousands]

Industry	March			June			September			December		
	1947	1948	1949 <sup>1</sup>	1947	1948	1949	1947	1948	1949	1947	1948	1949
	All manufacturing.....	1,249.4	1,253.5	1,171.1	1,238.3	1,228.7	1,117.0	1,249.0	1,243.8	1,125.3	1,273.6	1,234.5
Durable goods.....	736.8	736.1	681.2	732.9	715.9	638.0	724.1	716.8	-----	740.6	721.1	-----
Nondurable goods.....	512.6	517.4	489.9	505.4	512.8	478.9	524.9	527.0	-----	533.0	513.3	-----
Iron and steel and their products.....	200.3	203.9	192.3	200.0	199.8	179.9	200.7	202.8	-----	203.8	201.6	-----
Electrical machinery.....	137.6	127.7	115.0	134.9	120.8	105.3	129.7	121.9	-----	131.9	124.1	-----
Machinery (except electrical).....	198.4	205.3	191.3	198.8	200.0	179.2	197.7	196.3	-----	203.4	199.7	-----
Transportation equipment (including automobiles).....	61.0	60.6	56.3	63.3	59.9	53.3	61.0	58.8	-----	61.8	58.8	-----
Nonferrous metals and their products.....	54.7	53.1	48.2	52.4	52.7	44.6	50.7	52.7	-----	52.9	52.8	-----
Lumber and timber basic products; furniture and finished lumber products.....	48.5	49.2	43.8	47.9	46.5	42.0	48.3	47.2	-----	49.3	47.0	-----
Stone, clay, and glass products.....	36.3	36.4	34.2	35.7	36.2	33.8	35.9	37.1	-----	37.5	37.1	-----
Textile-mill products.....	13.9	14.7	13.2	13.3	14.5	12.7	13.4	14.4	-----	14.1	14.0	-----
Apparel and other finished textile products.....	60.5	62.7	60.7	60.3	60.5	58.8	60.1	62.0	-----	61.9	61.0	-----
Leather and leather products.....	29.6	31.2	28.3	29.7	29.2	26.6	30.6	29.5	-----	31.1	28.3	-----
Food and kindred products.....	155.4	159.1	156.4	154.0	162.1	158.4	172.4	176.7	-----	171.4	165.6	-----
Paper and allied products.....	29.6	28.3	27.3	28.2	26.9	25.5	27.0	28.3	-----	28.9	28.7	-----
Printing, publishing, and allied industries.....	87.8	88.0	82.2	88.6	88.1	82.1	87.0	86.0	-----	90.7	88.2	-----
Chemicals and allied products.....	55.0	56.0	53.7	55.1	55.3	50.7	55.7	55.5	-----	55.0	55.1	-----
Products of petroleum and coal.....	15.0	15.8	15.1	15.5	16.1	15.1	16.1	16.3	-----	16.0	15.5	-----
Other nondurable goods <sup>1</sup> .....	65.6	61.7	53.0	60.8	60.1	48.8	61.7	58.3	-----	64.0	57.0	-----
Percent change												
	March			June			September			December		
	1947-48	1948-49		1947-48	1948-49		1947-48	1948-49		1947-48	1948-49	
All manufacturing.....	0.3	-6.6		-0.8	-9.1		-0.4	-9.5		-3.1		-9.3
Durable goods.....	-1.1	-7.5		-2.3	-10.9		-1.0			-2.6		
Nondurable goods.....	.9	-5.3		1.5	-6.6		.4			-3.7		

<sup>1</sup> Includes tobacco manufactures; rubber products; and miscellaneous manufacturing industries.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Illinois Division of Placement and Unemployment Compensation.

Series based on the 1942 Social Security Board Classification.

MICHIGAN

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
	All manufacturing <sup>1</sup> .....	1,057.6	1,060.1	1,007.7	1,048.3	1,018.5	976.6	1,045.3	1,084.2	1,009.4	1,055.8	1,062.9
	Percent change											
Industry	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49				
	All manufacturing.....	0.2	-4.9	-2.8	-4.1	3.7	-6.9	0.7	.....			

<sup>1</sup> Detailed industry data in process of preparation: consult the sources cited.  
Series based on 1945 Standard Industrial Classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Michigan Unemployment Compensation Commission.

## C. EMPLOYMENT—Continued

## 2. Employees in manufacturing establishments, in selected months, 1947-49—Continued

WISCONSIN

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing.....	427.9	432.5	407.8	427.9	429.7	398.3	452.0	445.8	404.1	436.1	426.5	380.3
Durable goods.....	261.9	266.9	247.0	259.8	258.4	227.9	256.2	252.5	222.7	265.3	258.1	.....
Nondurable goods.....	166.1	165.5	160.8	168.1	171.3	170.4	195.9	193.4	181.3	170.7	168.4	.....
Lumber and wood products.....	21.5	21.5	19.2	19.7	19.8	17.3	20.9	20.9	16.9	22.7	22.4	.....
Furniture and fixtures.....	12.2	12.8	11.3	11.8	12.3	10.4	12.0	12.4	10.9	12.6	11.9	.....
Stone, clay, and glass products.....	3.3	3.1	2.9	3.4	3.3	3.1	3.3	3.3	3.1	3.1	3.0	.....
Primary metal industries.....	22.0	21.8	20.7	21.4	21.3	17.8	20.8	21.6	16.8	21.4	22.1	.....
Fabricated metal products.....	40.1	40.8	35.1	38.8	38.5	32.4	39.2	37.6	33.4	40.9	37.7	.....
Machinery (except electrical).....	96.2	103.3	96.2	99.9	100.8	89.7	99.6	97.7	83.9	101.4	98.6	.....
Electrical machinery.....	23.2	21.5	19.6	22.6	20.7	18.2	22.2	21.0	18.5	22.1	20.6	.....
Transportation equipment.....	34.5	34.2	35.1	33.0	34.3	32.0	29.6	30.7	32.4	32.8	34.4	.....
Instruments and related products.....	9.0	8.1	6.9	9.2	7.4	6.8	8.6	7.4	6.9	8.3	7.4	.....
Food and kindred products.....	51.2	51.5	53.3	54.6	58.4	64.0	81.6	79.6	73.2	54.9	55.7	.....
Tobacco manufactures.....	.3	.3	.2	.3	.3	.2	.3	.3	.2	.3	.3	.....
Textile-mill products.....	11.7	11.8	11.1	11.2	11.8	10.1	11.5	11.7	11.0	11.6	11.3	.....
Apparel and other finished textile products.....	10.5	9.6	8.6	9.9	9.2	8.3	10.0	9.3	8.3	9.9	9.2	.....
Paper and allied products.....	32.8	33.7	33.0	32.9	33.8	32.7	33.3	34.1	33.3	33.7	34.7	.....
Printing, publishing, and allied industries.....	14.8	15.5	16.0	15.2	15.6	16.2	15.3	15.9	16.4	15.7	16.3	.....
Chemicals and allied products.....	6.1	6.4	6.1	6.1	6.4	6.2	6.2	6.3	6.1	6.3	6.2	.....
Products of petroleum and coal.....	.8	.8	.7	.8	.8	.7	.8	.8	.7	.8	.8	.....
Rubber products.....	6.1	5.1	4.4	5.8	5.1	4.8	5.7	5.2	4.4	5.7	4.8	.....
Leather and leather products.....	20.9	21.4	19.4	21.0	20.6	18.8	21.2	20.7	19.5	21.8	20.0	.....
Miscellaneous manufacturing industries.....	10.9	9.5	7.9	10.3	9.2	8.4	10.0	9.4	8.4	10.0	9.3	.....
	Percent change											
	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49
All manufacturing.....	1.1	-5.7	0.4	-7.3	-1.4	-9.4	-2.2	-10.8				
Durable goods.....	1.9	-7.5	-5	-11.8	-1.4	-11.8	-2.7					
Nondurable goods.....	.4	-2.8	1.9	-5	-1.3	-6.3	-1.3					

Series based on the 1945 Standard Industrial Classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Statistical Department, Wisconsin Industrial Commission.



MINNESOTA

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing.....	197.8	194.5	185.5	193.6	198.8	184.8	209.4	209.0	189.7	199.4	193.5	184.5
Durable goods.....	91.0	88.7	81.4	87.2	85.9	77.5	87.2	86.9	77.6	89.0	84.9	-----
Nondurable goods.....	106.8	105.8	104.1	106.4	112.9	107.4	122.2	122.0	112.2	110.4	108.6	-----
Lumber and wood products.....	10.1	10.7	9.7	9.2	10.6	9.4	8.8	10.6	10.1	10.0	10.4	-----
Furniture and fixtures.....	3.2	3.3	2.9	3.2	3.2	2.9	3.3	3.4	3.0	3.4	3.1	-----
Stone, clay, and glass products.....	9.8	10.1	10.0	10.6	10.4	9.9	10.3	10.6	9.5	9.7	10.2	-----
Primary metal industries.....	6.9	7.2	7.0	6.8	6.8	6.5	6.9	6.9	6.0	7.1	6.9	-----
Fabricated metal products.....	17.4	14.7	13.8	15.5	13.4	13.4	15.1	13.8	15.2	15.2	13.5	-----
Machinery (except electrical).....	25.6	24.9	22.9	25.3	24.1	20.5	25.6	24.1	19.7	25.6	24.1	-----
Electrical machinery.....	9.8	10.7	8.6	8.5	10.4	8.1	9.5	10.2	7.6	10.8	9.9	-----
Transportation equipment.....	4.6	4.0	3.6	4.9	4.1	4.0	4.6	4.2	3.8	4.3	3.6	-----
Other durable goods <sup>1</sup> .....	3.6	3.1	3.0	3.2	3.0	2.8	3.0	3.1	2.8	3.0	3.2	-----
Food and kindred products.....	50.5	47.2	48.9	51.2	55.7	53.4	64.4	64.3	55.5	51.0	51.3	-----
Textile-mill products.....	5.7	5.5	4.6	5.2	4.9	3.7	5.3	5.0	4.4	5.4	4.9	-----
Apparel and other finished textile products.....	8.8	10.0	9.9	8.5	10.0	9.4	9.4	10.3	10.4	9.8	10.0	-----
Paper and allied products.....	9.9	9.6	9.5	9.7	9.6	9.3	9.7	9.9	9.6	9.8	9.8	-----
Printing, publishing, and allied industries.....	17.8	18.2	17.8	18.1	17.9	17.8	18.8	17.9	18.1	19.6	18.1	-----
Chemicals and allied products; products of petroleum and coal.....	6.3	7.8	6.8	6.9	7.4	7.3	7.4	7.6	7.2	7.6	7.5	-----
Other nondurable goods <sup>2</sup> .....	7.9	7.6	6.5	6.8	7.3	6.5	7.2	7.2	6.9	7.3	7.1	-----
	Percent change											
	March			June			September			December		
	1947-48	1948-49		1947-48	1948-49		1947-48	1948-49		1947-48	1948-49	
All manufacturing.....	-1.7	-4.6		2.7	-7.0		-0.2	-9.2		-3.0	-4.7	
Durable goods.....	-2.5	-8.2		-1.5	-9.8		-.3	-10.7		-4.6	-----	
Nondurable goods.....	-.9	-1.6		6.1	-4.9		-.2	-8.0		-1.6	-----	

<sup>1</sup> Includes ordnance and accessories; and professional and scientific instruments, etc.  
<sup>2</sup> Includes tobacco manufactures; rubber products; leather and leather products; and miscellaneous manufacturing industries.

Series based on the 1945 Standard Industrial Classification.  
 Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Division of Employment and Security, Minnesota Department of Social Security.

## C. EMPLOYMENT—Continued

## 2. Employees in manufacturing establishments, in selected months, 1947-49—Continued

IOWA

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing <sup>1</sup> .....	146.7	151.4	147.6	148.6	153.8	140.7	152.2	157.4	143.6	156.2	154.5	146.9
Durable goods.....	66.2	70.9	68.2	65.8	71.4	64.1	66.7	72.3	-----	69.9	72.0	-----
Nondurable goods.....	80.5	80.4	79.4	82.9	82.4	76.6	85.5	85.2	-----	86.3	82.5	-----
Percent change												
	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49		
All manufacturing.....	3.2	-2.5	3.5	-8.5	3.4	-8.8	-1.1	-----		-----		
Durable goods.....	7.1	-3.8	8.5	-10.2	8.4	-----	3.0	-----		-----		
Nondurable goods.....	-1.1	-1.2	-6	-7.0	-4	-----	-4.4	-----		-----		

<sup>1</sup> Detailed industry data in process of preparation: consult the sources cited.  
Series based on the 1945 Standard Industrial Classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Iowa Employment Security Commission.

**MISSOURI**  
[In thousands]

98524-50-12

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
	All manufacturing <sup>1</sup> .....	347.7	350.2	338.6	345.4	353.1	330.4	348.7	353.8	336.0	351.7	346.0
Durable goods.....	147.5	142.9	138.0	143.7	145.2	132.3	141.1	144.8	.....	143.5	141.5	.....
Nondurable goods.....	200.2	207.5	200.6	201.8	207.9	198.1	207.6	209.0	.....	208.1	204.5	.....
Percent change												
	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49				
	All manufacturing.....	0.7	-3.3	2.2	-6.4	1.5	-5.0	-1.6	-4.9			
Durable goods.....	-3.1	-3.4	1.0	-8.9	2.6	.....	-1.4	.....				
Nondurable goods.....	3.6	-3.3	3.0	-4.7	.7	.....	-1.7	.....				

<sup>1</sup> Detailed industry data in process of preparation: consult the sources cited.  
Series based on the 1945 Standard Industrial Classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Division of Employment Security, Missouri Department of Labor and Industrial Relations.

CENTRAL REGION

## C. EMPLOYMENT—Continued

## 3. Hours and earnings of production workers in manufacturing

State	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
Average weekly earnings												
United States.....	\$48.28	\$52.92	\$54.74	\$50.13	\$53.87	\$54.51	\$51.31	\$55.16	\$55.72	\$53.48	\$56.14	\$56.20
Central States:												
Indiana.....	(1)	55.96	58.38	52.98	57.19	59.45	54.08	57.75	-----	56.64	60.58	-----
Illinois.....	52.13	56.98	58.65	54.18	58.06	58.58	55.88	60.01	-----	58.02	60.60	-----
Michigan.....	55.60	59.68	61.60	56.50	60.81	63.99	58.33	63.32	-----	62.91	64.81	-----
Wisconsin.....	49.52	55.56	56.40	52.13	56.69	56.28	51.95	55.74	-----	55.74	58.15	-----
Minnesota.....	46.71	51.58	55.02	49.00	52.46	54.37	50.24	53.70	-----	52.88	56.14	-----
Average weekly hours												
United States.....	40.4	40.4	39.1	40.3	40.2	38.8	40.5	39.8	39.6	41.3	40.1	39.8
Central States:												
Indiana.....	(1)	40.7	39.7	40.6	40.6	39.8	41.3	40.5	-----	41.9	40.9	-----
Illinois.....	41.5	41.2	39.7	41.1	41.0	39.4	41.5	41.0	-----	42.3	41.0	-----
Michigan.....	40.9	40.1	38.6	39.9	39.7	39.6	40.2	39.4	-----	42.1	40.3	-----
Wisconsin.....	42.1	42.3	40.4	42.6	42.1	40.2	42.7	41.5	-----	43.1	41.7	-----
Minnesota.....	41.3	41.0	40.2	41.7	40.7	39.8	41.9	41.0	-----	42.3	41.5	-----
Average hourly earnings												
United States.....	\$1.20	\$1.31	\$1.40	\$1.24	\$1.34	\$1.41	\$1.27	\$1.39	\$1.41	\$1.30	\$1.40	\$1.41
Central States:												
Indiana.....	(1)	1.38	1.47	1.30	1.41	1.49	1.31	1.43	-----	1.35	1.48	-----
Illinois.....	1.26	1.38	1.48	1.32	1.41	1.48	1.35	1.46	-----	1.37	1.48	-----
Michigan.....	1.36	1.49	1.60	1.41	1.54	1.62	1.45	1.61	-----	1.50	1.61	-----
Wisconsin.....	1.18	1.31	1.40	1.22	1.35	1.40	1.22	1.34	-----	1.29	1.40	-----
Minnesota.....	1.13	1.26	1.37	1.18	1.29	1.37	1.20	1.31	-----	1.25	1.35	-----

1 Not available.

2 Preliminary.

NOTE.—Figures are not available for other Central States.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with agencies of the respective States.

## D. UNEMPLOYMENT

## 1. Workers covered by State unemployment compensation laws and number of first payments issued, 1940 and 1948

State	Average monthly covered employment					Number of first payments issued (in thousands)	
	Number (in thousands)		Percent of total		Percent increase, 1940-48	1940	1948
	1940	1948	1940	1948			
United States.....	23,007.5	32,856.9	100.0	100.0	42.8	5,211.7	3,993.7
Central region.....	6,665.5	9,496.2	29.0	28.9	42.5	1,346.0	854.5
Ohio.....	1,507.5	2,214.6	6.6	6.7	46.9	205.0	102.4
Indiana.....	609.6	904.7	2.6	2.8	48.4	99.3	60.5
Illinois.....	1,799.5	2,368.9	7.8	7.2	31.6	402.4	289.7
Michigan.....	1,123.9	1,606.7	4.9	4.9	43.0	285.8	227.5
Wisconsin.....	461.5	738.1	2.0	2.2	59.9	77.9	39.7
Minnesota.....	373.3	546.7	1.6	1.7	46.5	81.1	32.6
Iowa.....	236.1	342.7	1.0	1.0	45.2	52.6	16.7
Missouri.....	554.1	773.9	2.4	2.4	39.7	141.9	85.4

<sup>1</sup> Includes State and municipal workers covered by State law (approximately 4,600 monthly employment)  
Source: U. S. Department of Labor, Bureau of Employment Security.

## 2. Continued claims for unemployment benefits

State	Mid-March <sup>1</sup>							
	Number of continued claims			Percent change <sup>2</sup>		Ratio of claimants to covered workers <sup>3</sup>		
	Mar. 22, 1947	Mar. 20, 1948	Mar. 19, 1949	1947-48	1948-49	Mar. 22, 1947	Mar. 20, 1948	Mar. 19, 1949
United States.....	1,120,196	1,071,721	1,949,746	-4.3	81.9	3.7	3.3	5.9
Central region.....	210,820	221,696	417,702	5.2	88.4	2.4	2.4	4.4
Ohio.....	33,400	35,322	77,992	5.8	120.8	1.7	1.6	3.5
Indiana.....	13,801	17,556	38,373	27.2	118.6	1.7	2.0	4.2
Illinois.....	61,734	57,877	103,585	-6.2	70.0	2.8	2.4	4.4
Michigan.....	40,158	52,157	93,115	29.9	78.5	2.8	3.3	5.8
Wisconsin.....	6,743	9,781	24,396	45.1	149.4	1.0	1.4	3.3
Minnesota.....	12,786	15,108	30,928	18.2	104.7	2.5	2.8	5.7
Iowa.....	6,724	6,965	11,450	3.6	64.4	2.2	2.1	3.3
Missouri.....	35,474	26,930	37,863	-24.1	40.6	4.9	3.5	4.9

State	Mid-June <sup>1</sup>							
	Number of continued claims			Percent change <sup>2</sup>		Ratio of claimants to covered workers <sup>3</sup>		
	June 21, 1947	June 19, 1948	June 18, 1949	1947-48	1948-49	June 21, 1947	June 19, 1948	June 18, 1949
United States.....	1,169,812	1,016,451	2,007,440	-13.1	97.5	3.9	3.2	6.1
Central region.....	197,280	200,972	453,603	1.9	125.7	2.3	2.1	4.8
Ohio.....	29,400	28,422	92,736	-3.3	226.3	1.5	1.3	4.2
Indiana.....	11,094	14,158	37,221	27.6	162.9	1.4	1.6	4.1
Illinois.....	74,456	81,617	160,889	9.6	97.1	3.3	3.4	6.8
Michigan.....	35,937	34,933	81,249	-2.8	132.6	2.5	2.2	5.1
Wisconsin.....	5,221	5,857	22,237	12.2	279.7	.8	.8	3.0
Minnesota.....	7,585	8,348	17,668	10.1	111.6	1.5	1.5	3.2
Iowa.....	3,991	3,736	7,669	-6.4	105.3	1.3	1.1	2.2
Missouri.....	29,596	23,901	33,934	-19.2	42.0	4.1	3.1	4.4

See footnotes at end of table, p. 168.

## D. UNEMPLOYMENT—Continued

## 2. Continued claims for unemployment benefits—Continued

State	Mid-September <sup>1</sup>							
	Number of continued claims			Percent change <sup>2</sup>		Ratio of claimants to covered workers <sup>3</sup>		
	Sept. 20, 1947	Sept. 25, 1948	Sept. 24, 1949	1947-48	1948-49	Sept. 20, 1947	Sept. 25, 1948	Sept. 24, 1949
United States .....	866,361	821,725	1,002,578	-5.2	131.5	2.9	2.6	5.8
Central region .....	158,588	156,888	420,938	-1.1	168.3	1.8	1.7	4.4
Ohio .....	26,903	23,060	110,238	-14.3	378.0	1.3	1.1	5.0
Indiana .....	8,566	10,650	29,144	24.3	173.7	1.1	1.2	3.2
Illinois .....	53,307	53,393	153,257	2	187.0	2.4	2.2	6.5
Michigan .....	36,068	36,670	57,077	1.7	55.7	2.5	2.3	3.6
Wisconsin .....	4,909	6,129	20,194	24.9	229.5	7	8	2.7
Minnesota .....	4,546	6,882	15,593	51.4	126.6	9	1.3	2.9
Iowa .....	2,216	2,522	5,187	13.8	105.7	7	8	1.5
Missouri .....	22,073	17,582	30,248	-20.3	72.0	3.1	2.3	3.9

State	Mid-December <sup>1</sup>							
	Number of continued claims			Percent change <sup>2</sup>		Ratio of claimants to covered workers <sup>3</sup>		
	Dec. 13, 1947	Dec. 18, 1948	Dec. 17, 1949	1947-48	1948-49	Dec. 13, 1947	Dec. 18, 1948	Dec. 17, 1949
United States .....	783,889	1,129,265	-----	44.1	-----	2.6	3.5	-----
Central region .....	142,209	197,013	-----	38.5	-----	1.6	2.1	-----
Ohio .....	24,322	34,831	-----	43.6	-----	1.2	1.6	-----
Indiana .....	10,272	17,650	-----	71.8	-----	1.3	2.0	-----
Illinois .....	44,194	56,316	-----	27.4	-----	2.0	2.4	-----
Michigan .....	30,338	36,575	-----	20.6	-----	2.1	2.3	-----
Wisconsin .....	4,751	10,497	-----	120.9	-----	7	1.5	-----
Minnesota .....	6,573	11,957	-----	81.9	-----	1.3	2.2	-----
Iowa .....	3,128	4,220	-----	34.9	-----	1.0	1.3	-----
Missouri .....	18,631	24,867	-----	33.5	-----	2.6	3.3	-----

<sup>1</sup> Dates were selected to minimize as far as possible such noneconomic factors as holidays and new benefit years.

<sup>2</sup> Increase, unless otherwise indicated.

<sup>3</sup> The rate of unemployment was obtained by dividing the number of claims by the annual average number of persons covered in the previous year.

Source: U. S. Department of Labor, Bureau of Employment Security.

## D. UNEMPLOYMENT—Continued

## 3. Weeks compensated, 1940 and 1948

[In thousands]

State	1940					1948				
	Total for year	March	June	September	December	Total for year	March	June	September	December
United States .....	51,012	4,574	5,324	3,603	2,973	42,550	4,230	3,859	3,114	4,044
Central region.....	12,427	1,165	1,213	895	682	7,996	829	806	559	653
Ohio.....	2,620	267	246	166	137	1,151	128	102	80	100
Indiana.....	963	98	94	62	46	594	70	54	39	53
Illinois.....	3,828	292	467	258	232	2,822	227	334	222	215
Michigan.....	2,286	179	189	244	66	1,743	204	166	112	142
Wisconsin.....	435	48	31	28	25	278	34	20	21	29
Minnesota.....	969	136	66	45	74	373	54	32	19	29
Iowa.....	446	61	31	26	27	169	26	14	9	12
Missouri.....	880	82	88	65	74	866	86	85	56	72

Source: U. S. Department of Labor, Bureau of Employment Security.

## 4. Exhaustion of benefit rights and estimated average duration of benefits, 1948

State	Exhaustions of benefits		Estimated average duration (weeks) <sup>2</sup>
	Number	As percent of first payments <sup>1</sup>	
United States:			
1940 <sup>1</sup> .....	2,596,128	50.6	9.9
1948.....	1,024,274	27.5	10.7
Central region.....	193,853	23.7	9.4
Ohio.....	29,014	30.0	11.2
Indiana.....	20,023	37.4	9.8
Illinois.....	55,359	19.9	9.7
Michigan.....	37,707	16.8	7.7
Wisconsin.....	11,078	31.2	7.0
Minnesota.....	9,674	31.4	11.4
Iowa.....	5,705	35.9	10.1
Missouri.....	25,293	30.6	10.1

<sup>1</sup> Exhaustions for calendar year as percent of first payments for 12-month period ended in September.<sup>2</sup> Represents number of weeks compensated, divided by number of first payments in calendar year.<sup>3</sup> No State break-downs available for 1940. The 1940 figures exclude Indiana and Wisconsin and include Alaska and Hawaii.

Source: U. S. Department of Labor, Bureau of Employment Security.

## 5. Average weekly benefit for total unemployment, 1940 and 1948

State	1940	1948
United States.....	<sup>1</sup> \$10.56	<sup>1</sup> \$19.03
Central region:		
Ohio.....	10.28	17.77
Indiana.....	10.97	17.68
Illinois.....	12.92	18.50
Michigan.....	12.56	20.34
Wisconsin <sup>2</sup> .....	11.02	18.35
Minnesota.....	10.24	15.30
Iowa.....	9.50	15.98
Missouri.....	9.09	16.20

<sup>1</sup> United States average includes Alaska and Hawaii.<sup>2</sup> Maximum weekly benefit amount changed by law during 1948.

NOTE.—Dependents' allowances are included. Data are corrected to June 20, 1949.

Source: U. S. Department of Labor, Bureau of Employment Security.

## E. MANUFACTURING

## 1. Establishments, production workers, and value added by manufacture, 1939 and 1947

## OHIO

Major industry group	Establishments, number		Production workers				Value added by manufacture			
			Number		Percent		Amount (in thousands of dollars)		Percent	
	1939	1947	1939	1947	1939	1947	1939	1947	1939	1947
All industries.....	9,543	12,303	595,520	988,446	100.0	100.0	2,116,434	6,359,006	100.0	100.0
Food and kindred products.....	2,253	1,879	41,496	48,142	7.0	4.9	182,183	413,216	8.6	6.5
Tobacco manufactures.....	45	47	3,442	2,388	.6	.2	5,804	14,504	.3	.2
Textile mill products.....	79	82	8,998	9,783	1.5	1.0	23,803	58,183	1.1	.9
Apparel and related products.....	389	493	25,355	27,128	4.3	2.7	52,392	127,753	2.5	2.0
Lumber and products, except furniture.....	390	595	6,185	8,593	1.0	.9	14,924	37,521	.7	.6
Furniture and fixtures.....	253	333	11,532	22,260	1.9	2.2	29,494	128,293	1.4	2.0
Paper and allied products.....	197	228	19,094	27,288	3.2	2.8	61,057	199,107	2.9	3.1
Printing and publishing industries.....	1,409	1,555	25,247	32,976	4.2	3.3	147,174	322,283	7.0	5.1
Chemicals and allied products.....	527	641	15,837	26,705	2.7	2.7	110,516	347,226	5.2	5.5
Petroleum and coal products.....	104	124	6,166	9,096	1.0	.9	30,369	95,811	1.4	1.5
Rubber products.....	100	134	37,049	68,190	6.2	6.9	141,067	381,215	6.7	6.0
Leather and leather products.....	108	117	18,368	16,197	3.1	1.6	33,972	68,293	1.6	1.1
Stone, clay, and glass products.....	582	872	40,333	53,385	6.8	5.4	112,442	293,881	5.3	4.6
Primary metal industries.....	416	605	109,315	156,736	18.4	15.9	331,973	852,772	15.7	13.4
Fabricated metal products.....	886	1,432	60,384	102,759	10.1	10.4	192,628	634,746	9.1	10.0
Machinery (except electrical).....	961	1,864	84,932	186,250	14.3	18.8	351,070	1,251,011	16.6	19.7
Electrical machinery.....	193	302	29,767	77,599	5.0	7.9	116,775	471,593	5.5	7.4
Transportation equipment.....	152	247	34,206	78,017	5.7	7.9	125,225	483,421	5.9	7.6
Instruments and related products.....	74	134	2,382	6,231	.4	.6	10,219	41,381	.5	.7
Miscellaneous manufactures.....	425	619	15,432	28,723	2.6	2.9	43,357	136,796	2.0	2.2



INDIANA

All industries.....	4, 192	5, 408	275, 272	457, 582	100. 0	100. 0	964, 746	2, 977, 508	100. 0	100. 0
Food and kindred products.....	1, 294	1, 117	27, 145	34, 609	9. 9	7. 6	108, 856	291, 404	11. 3	9. 8
Tobacco manufactures.....	14	13	1, 319	1, 310	. 5	. 3	2, 049	4, 108	. 2	. 1
Textile mill products.....	25	35	8, 754	5, 984	3. 2	1. 3	14, 249	25, 185	1. 5	. 8
Apparel and related products.....	139	172	17, 296	14, 935	6. 3	3. 3	26, 406	57, 256	2. 7	1. 9
Lumber and products, except furniture.....	294	347	6, 551	8, 341	2. 4	1. 8	12, 004	36, 339	1. 2	1. 2
Furniture and fixtures.....	199	264	14, 359	19, 272	5. 2	4. 2	25, 071	84, 870	2. 6	2. 9
Paper and allied products.....	76	78	5, 641	7, 607	2. 0	1. 7	16, 574	55, 788	1. 7	1. 9
Printing and publishing industries.....	633	729	7, 517	10, 283	2. 7	2. 2	34, 058	82, 623	3. 5	2. 8
Chemicals and allied products.....	177	230	6, 588	14, 745	2. 4	3. 2	81, 860	246, 144	8. 5	8. 3
Petroleum and coal products.....	24	31	8, 719	13, 164	3. 2	2. 9	60, 120	113, 371	6. 2	3. 8
Rubber products.....	18	31	6, 582	13, 103	2. 4	2. 9	15, 584	64, 631	1. 6	2. 2
Leather and leather products.....	34	34	2, 589	2, 439	. 9	. 5	4, 380	9, 656	. 5	. 3
Stone, clay, and glass products.....	245	411	13, 853	18, 655	5. 0	4. 1	44, 028	104, 918	4. 6	3. 5
Primary metal industries.....	145	244	51, 972	71, 336	18. 9	15. 6	179, 530	449, 218	18. 6	15. 1
Fabricated metal products.....	262	470	16, 842	34, 287	6. 1	7. 5	50, 539	194, 416	5. 2	6. 5
Machinery (except electrical).....	304	641	23, 904	65, 050	8. 7	14. 2	99, 132	402, 520	10. 3	13. 5
Electrical machinery.....	53	121	18, 601	46, 602	6. 8	10. 2	61, 105	252, 527	6. 3	8. 5
Transportation equipment.....	92	159	30, 693	63, 729	11. 2	13. 9	113, 109	442, 080	11. 7	14. 8
Instruments and related products.....	18	41	1, 994	1, 994	. 2	. 4	1, 693	10, 474	. 2	. 4
Miscellaneous manufactures.....	146	240	5, 889	10, 137	2. 1	2. 2	14, 399	49, 980	1. 5	1. 7

ILLINOIS

All industries.....	11, 983	15, 988	590, 995	954, 415	100. 0	100. 0	2, 187, 240	6, 680, 137	100. 0	100. 0
Food and kindred products.....	2, 379	2, 146	82, 459	106, 571	14. 0	11. 2	392, 788	1, 010, 268	18. 0	15. 1
Textile mill products.....	114	132	11, 261	9, 216	1. 9	1. 0	27, 744	49, 706	1. 3	. 7
Apparel and related products.....	1, 142	1, 367	51, 050	52, 667	8. 6	5. 5	95, 446	251, 318	4. 4	3. 8
Lumber and products, except furniture.....	382	522	10, 210	11, 271	1. 7	1. 2	21, 446	56, 501	1. 0	. 8
Furniture and fixtures.....	435	584	20, 293	25, 793	3. 4	2. 7	52, 379	146, 953	2. 4	2. 2
Paper and allied products.....	245	343	16, 822	23, 731	2. 8	2. 5	58, 298	158, 113	2. 7	2. 4
Printing and publishing industries.....	2, 266	2, 511	45, 870	60, 233	7. 8	6. 3	227, 774	541, 841	10. 4	8. 1
Chemical and allied products.....	641	812	16, 969	32, 733	2. 9	3. 4	137, 743	433, 059	6. 3	6. 5
Petroleum and coal products.....	78	107	8, 373	13, 614	1. 4	1. 4	59, 179	162, 137	2. 7	2. 4
Leather and leather products.....	214	262	25, 523	26, 209	4. 3	2. 7	51, 458	114, 758	2. 4	1. 7
Stone, clay and glass products.....	415	681	17, 370	26, 388	2. 9	2. 8	59, 063	175, 996	2. 7	2. 6
Primary metal industries.....	321	489	56, 626	88, 444	9. 6	9. 3	177, 031	557, 712	8. 1	8. 3
Fabricated metal products.....	1, 100	1, 907	54, 385	98, 434	9. 2	10. 3	182, 010	626, 014	8. 3	9. 4
Machinery (except electrical).....	921	1, 837	79, 995	172, 524	13. 5	18. 1	298, 045	1, 096, 146	13. 6	16. 4
Electrical machinery.....	290	600	38, 807	103, 463	6. 6	10. 8	169, 785	669, 755	7. 8	10. 0
Transportation equipment.....	138	218	14, 282	37, 980	2. 4	4. 0	52, 718	253, 495	2. 4	3. 8
Instruments and related products.....	149	300	10, 670	24, 200	1. 8	2. 5	38, 196	144, 460	1. 7	2. 2
Miscellaneous manufactures.....	663	1, 035	25, 625	35, 740	4. 3	3. 7	69, 787	202, 248	3. 2	3. 0
All other major industry groups.....	90	135	4, 405	5, 204	. 7	. 5	16, 350	29, 657	. 7	. 4

E. MANUFACTURING—Continued

1. Establishments, production workers, and value added by manufacture, 1939 and 1947—Continued

MICHIGAN

Major industry group	Establishments, number		Production workers				Value added by manufacture			
			Number		Percent		Amount (in thousands of dollars)		Percent	
	1939	1947	1939	1947	1939	1947	1939	1947	1939	1947
All industries.....	5,961	9,892	520,165	821,721	100.0	100.0	1,794,016	5,196,338	100.0	100.0
Food and kindred products.....	1,524	1,403	28,326	35,582	5.4	4.3	140,680	284,824	7.8	5.5
Tobacco manufactures.....	28	23	1,870	833	.4	.1	3,737	3,612	.2	.1
Textile mill products.....	50	56	5,796	5,453	1.1	.7	12,813	31,058	.7	.6
Apparel and related products.....	155	235	7,569	8,011	1.5	1.0	13,578	34,043	.8	.7
Lumber and products, except furniture.....	309	625	9,696	14,694	1.9	1.8	17,840	68,995	1.0	1.3
Furniture and fixtures.....	247	376	14,154	19,473	2.7	2.4	33,410	94,922	1.9	1.8
Paper and allied products.....	133	160	19,031	23,133	3.7	2.8	58,747	174,319	3.3	3.4
Printing and publishing industries.....	908	1,124	10,990	13,593	2.1	1.7	59,839	136,983	3.3	2.6
Chemicals and allied products.....	258	312	13,125	25,018	2.5	3.0	119,879	281,118	6.1	5.4
Petroleum and coal products.....	47	67	2,172	2,851	.4	.3	15,356	50,247	.9	1.0
Rubber products.....	20	38	7,901	12,497	1.5	1.5	39,593	85,231	2.2	1.6
Leather and leather products.....	45	49	4,445	3,992	.9	.5	10,695	23,822	.6	.5
Stone, clay, and glass products.....	230	561	8,767	13,476	1.7	1.6	33,990	88,782	1.9	1.7
Primary metal industries.....	233	452	36,126	81,100	6.9	9.9	125,464	427,239	7.0	8.2
Fabricated metal products.....	514	1,326	38,203	78,360	7.3	9.5	118,534	496,091	6.6	9.5
Machinery (except electrical).....	699	1,917	44,221	119,168	8.5	14.5	173,908	796,178	9.7	15.3
Electrical machinery.....	80	177	5,560	17,823	1.1	2.2	18,598	102,073	1.0	2.0
Transportation equipment.....	238	452	254,541	331,680	48.9	40.4	769,572	1,938,214	42.9	37.3
Instruments and related products.....	33	89	750	3,872	.1	.5	3,002	20,058	.2	.4
Miscellaneous manufactures.....	210	450	6,922	11,112	1.3	1.4	24,781	58,529	1.4	1.1

WISCONSIN

All industries.....	6,334	6,979	198,648	343,008	100.0	100.0	681,970	2,260,574	100.0	100.0
Food and kindred products.....	3,398	2,328	26,987	44,430	13.6	13.0	124,694	383,053	18.3	16.9
Textile mill products.....	65	86	9,871	10,149	5.0	3.0	19,591	42,485	2.9	1.9
Apparel and related products.....	114	175	5,126	8,607	2.6	2.5	7,853	35,502	1.2	1.6
Lumber and products, except furniture.....	334	580	12,955	14,472	6.5	4.2	24,144	60,704	3.5	2.7
Furniture and fixtures.....	113	141	6,740	10,514	3.4	3.1	16,272	55,584	2.4	2.5
Paper and allied products.....	139	169	17,693	24,290	8.9	7.1	62,456	188,733	9.2	8.3
Printing and publishing industries.....	623	754	7,340	11,075	3.7	3.2	34,292	86,131	5.0	3.8
Chemicals and allied products.....	141	217	2,225	3,666	1.1	1.1	21,156	49,249	3.1	2.2
Petroleum and coal products.....	24	32	668	882	.3	.3	9,586	.....	.6	.4
Leather and leather products.....	127	159	16,565	19,100	8.3	5.6	37,230	102,365	5.5	4.5
Primary metal industries.....	115	193	10,640	20,526	5.4	6.0	37,598	129,998	5.5	5.8
Fabricated metal products.....	277	451	16,106	30,797	8.1	9.0	56,537	208,563	8.3	9.2
Machinery (except electrical).....	370	799	33,755	73,623	17.0	21.5	122,869	467,567	18.0	20.7
Electrical machinery.....	64	123	6,411	23,042	3.2	6.7	25,737	138,771	3.8	6.1
Transportation equipment.....	70	121	15,681	25,789	7.9	7.5	56,786	165,998	8.3	7.3
Instruments and related products.....	21	37	498	5,121	.3	1.5	1,185	23,152	.2	1.0
Miscellaneous manufactures.....	135	246	3,978	8,067	2.0	2.4	10,874	52,331	1.6	2.3
All other major industry groups.....	204	368	5,409	8,858	2.7	2.6	18,864	60,802	2.8	2.7

MINNESOTA

All industries.....	3,735	4,567	78,023	145,153	100.0	100.0	306,840	1,022,586	100.0	100.0
Food and kindred products.....	1,646	1,363	25,825	36,919	33.1	25.4	116,178	279,258	37.9	27.3
Textile mill products.....	27	40	3,152	4,225	4.0	2.9	7,214	15,456	2.4	1.5
Apparels and related products.....	142	199	4,789	7,809	6.1	5.4	9,481	33,684	3.1	3.3
Lumber and products, except furniture.....	178	408	3,933	5,651	5.1	3.9	8,809	24,303	2.9	2.4
Furnitures and fixtures.....	79	113	1,780	2,744	2.3	1.9	4,271	13,201	1.4	1.3
Paper and allied products.....	48	56	4,606	7,717	5.9	5.3	15,819	61,942	5.2	6.1
Printing and publishing industries.....	650	737	7,517	11,894	9.6	8.2	37,091	105,343	12.1	10.3
Chemicals and allied products.....	139	177	1,409	3,456	1.8	2.4	10,827	68,205	3.5	6.7
Petroleum and coal products.....	26	27	635	1,228	.8	.8	2,852	11,807	.9	1.2
Leather and leather products.....	20	27	1,149	1,455	1.5	1.0	2,379	8,000	.8	.8
Stone, clay, and glass products.....	157	308	3,328	3,249	4.3	2.2	17,615	15,706	5.7	1.5
Primary metal industries.....	47	85	2,583	6,229	3.3	4.3	9,147	29,393	3.0	2.9
Fabricated metal products.....	161	257	3,677	9,202	4.7	6.3	12,181	60,816	4.0	5.9
Machinery (except electrical).....	185	371	7,447	19,489	9.5	13.4	30,228	128,933	9.0	12.6
Electrical machinery.....	43	79	852	11,611	1.1	8.0	3,297	68,469	1.1	6.7
Transportation equipment.....	44	62	1,360	2,735	1.7	1.9	5,678	21,056	1.9	2.1
Miscellaneous manufactures.....	113	208	2,264	8,009	2.9	5.5	8,288	69,972	2.7	6.8
All other major industry groups.....	30	50	1,737	1,531	2.2	1.1	5,485	7,042	1.8	.7

E. MANUFACTURING—Continued

1. Establishments, production workers, and value added by manufacture, 1939 and 1947—Continued

IOWA

Major industry group	Establishments, number		Production workers				Value added by manufacture			
			Number		Percent		Amount (in thousands of dollars)		Percent	
	1939	1947	1939	1947	1939	1947	1939	1947	1939	1947
All industries.....	2,541	2,965	64,773	112,490	100.0	100.0	243,390	671,100	100.0	100.0
Food and kindred products.....	1,218	1,045	25,350	36,234	39.1	32.2	98,316	228,710	40.4	34.1
Apparel and related products.....	51	69	2,823	3,962	4.4	3.5	4,041	12,198	1.7	1.8
Lumber and products, except furniture.....	68	90	4,133	4,080	6.4	3.6	9,189	19,990	3.8	3.0
Furniture and fixtures.....	32	54	1,281	1,853	2.0	1.6	2,841	9,263	1.2	1.4
Paper and allied products.....	21	22	721	1,097	1.1	1.0	1,919	7,846	.8	1.2
Printing and publishing industries.....	516	592	4,090	5,466	6.3	4.9	24,138	55,385	9.9	8.3
Chemicals and allied products.....	101	180	1,310	3,779	2.0	3.4	9,085	50,977	*3.7	7.6
Rubber products.....	3	6	370	1,969	.6	1.8	( <sup>1</sup> )	12,976	-----	1.9
Leather and leather products.....	16	15	524	722	.8	.6	712	2,463	.3	.4
Stone, clay, and glass products.....	90	214	3,090	4,060	4.8	3.6	12,852	27,083	5.3	4.0
Primary metal industries.....	36	54	1,340	2,888	2.1	2.6	3,229	12,939	1.3	1.9
Fabricated metal products.....	100	125	3,042	4,263	4.7	3.8	6,371	27,649	3.9	4.1
Machinery (except electrical).....	126	255	11,062	28,467	17.1	25.3	52,589	143,421	21.6	21.4
Electrical machinery.....	21	37	869	4,102	1.3	3.6	2,696	17,795	1.1	2.7
Transportation equipment.....	18	41	459	2,410	.7	2.1	964	9,868	.4	1.5
Instruments and related products.....	6	12	224	750	.3	.7	693	3,474	.3	.5
Miscellaneous manufactures.....	101	137	3,033	5,583	4.7	5.0	8,636	25,898	3.5	3.9
All other major industry groups.....	17	17	1,052	775	1.6	.7	( <sup>1</sup> )	3,165	-----	.5

<sup>1</sup> Withheld to avoid disclosing figures for individual companies.

MISSOURI

All industries.....	4, 487	5, 725	175, 983	269, 711	100. 0	100. 0	581, 804	1, 623, 145	100. 0	100. 0
Food and kindred products.....	1, 212	1, 179	27, 296	38, 891	15. 5	14. 4	128, 606	331, 753	22. 1	20. 4
Textile mill products.....	27	34	2, 319	2, 541	1. 3	. 9	5, 059	9, 972	. 9	. 6
Apparel and related products.....	410	539	27, 392	33, 411	15. 6	12. 4	43, 127	130, 549	7. 4	8. 0
Lumber and products, except furniture.....	223	449	5, 173	6, 527	2. 9	2. 4	9, 097	24, 067	1. 6	1. 5
Furniture and fixtures.....	123	182	3, 425	6, 275	1. 9	2. 3	8, 356	28, 040	1. 4	1. 7
Paper and allied products.....	83	88	5, 061	7, 769	2. 9	2. 9	13, 753	41, 250	2. 4	2. 5
Printing and publishing industries.....	849	999	10, 261	13, 452	5. 8	5. 0	49, 733	116, 327	8. 5	7. 2
Chemicals and allied products.....	281	315	6, 133	10, 761	3. 5	4. 0	53, 208	129, 257	9. 1	8. 0
Petroleum and coal products.....	30	32	1, 217	2, 012	. 7	. 7	6, 118	14, 860	1. 1	. 9
Leather and leather products.....	137	199	31, 598	39, 309	18. 0	14. 6	56, 958	117, 333	9. 8	7. 2
Stone, clay, and glass products.....	173	276	7, 980	13, 001	4. 5	4. 8	33, 480	80, 586	5. 8	5. 0
Primary metal industries.....	74	108	7, 637	11, 856	4. 3	4. 4	23, 434	59, 673	4. 0	3. 7
Fabricated metal products.....	276	403	10, 545	19, 072	6. 0	7. 1	35, 353	112, 587	6. 1	6. 9
Machinery, except electrical.....	207	363	5, 858	15, 795	3. 3	5. 9	23, 519	109, 412	4. 0	6. 7
Electrical machinery.....	61	104	7, 795	14, 973	4. 4	5. 6	28, 299	89, 212	4. 9	5. 5
Transportation equipment.....	42	83	8, 629	22, 641	4. 9	8. 4	40, 558	173, 131	7. 0	10. 7
Instruments and related products.....	40	53	864	1, 541	. 5	. 6	3, 015	8, 184	. 5	. 5
Miscellaneous manufactures.....	205	287	3, 780	7, 220	2. 1	2. 7	10, 779	32, 608	1. 9	2. 0
All other major industries.....	34	32	3, 020	2, 664	1. 7	1. 0	9, 352	14, 344	1. 6	. 9

Source: 1947 Census of Manufactures, Final State Reports (Series MC100). Although 1939 data have been adjusted wherever possible to the Standard Industrial Classification used for the 1947 Census, figures given for the 2 periods are not in every case completely comparable. For full descriptions of the small variations remaining in various industry groups, see the industry volume of the 1947 Census of Manufactures (vol. II).

E. MANUFACTURING—Continued

2. Production workers, 1939 and 1947

State	1939	1947	Change <sup>1</sup>		1939	1947	Change <sup>1</sup>	
			Number	Per cent			Number	Per cent
United States.....	7,808,205	11,916,188	4,107,983	53	802,133	1,099,478	297,345	37
Central States.....	2,499,379	4,092,526	1,593,147	64	284,884	381,378	96,494	34
Ohio.....	595,520	988,446	392,926	66	41,496	48,142	6,646	16
Indiana.....	275,272	457,582	182,310	66	27,145	34,609	7,464	27
Illinois.....	590,995	954,415	363,420	61	82,459	106,571	24,112	29
Michigan.....	520,165	821,721	301,556	58	28,326	35,582	7,256	26
Wisconsin.....	198,648	343,008	144,360	73	26,987	44,430	17,443	65
Minnesota.....	78,023	145,153	67,130	86	25,825	36,919	11,094	43
Iowa.....	64,773	112,490	47,717	74	25,350	36,234	10,884	43
Missouri.....	175,983	269,711	93,728	53	27,296	38,891	11,595	42
	Tobacco manufactures				Textile mill products			
United States.....	87,525	103,289	15,764	18	1,081,710	1,147,194	65,484	6
Central States.....	( <sup>2</sup> )	( <sup>2</sup> )			<sup>3</sup> 50,151	<sup>2</sup> 47,351		
Ohio.....	3,442	2,388	-1,054	-31	8,998	9,783	785	9
Indiana.....	1,319	1,310	-9	-1	8,754	5,984	-2,770	-32
Illinois.....	853	751	-102	-12	11,261	9,216	-2,045	-18
Michigan.....	1,870	833	-1,037	-55	5,796	5,453	-343	-6
Wisconsin.....	( <sup>2</sup> )	( <sup>2</sup> )			9,871	10,149	278	3
Minnesota.....	48	22	-26	-54	3,152	4,225	1,073	34
Iowa.....	17	11	-6	-35	( <sup>2</sup> )	( <sup>2</sup> )		
Missouri.....	1,863	1,685	-178	-10	2,319	2,541	222	10
	Apparel and related products				Lumber and products, except furniture			
United States.....	752,829	972,897	220,068	29	422,947	596,118	173,171	41
Central States.....	141,380	156,530	15,150	11	58,856	73,629	14,773	25
Ohio.....	25,355	27,128	1,773	7	6,185	8,593	2,408	39
Indiana.....	17,296	14,935	-2,361	-14	6,551	8,341	1,790	27
Illinois.....	51,050	52,667	1,617	3	10,210	11,271	1,061	10
Michigan.....	7,569	8,011	442	6	9,696	14,694	4,998	52
Wisconsin.....	5,126	8,607	3,481	68	12,955	14,472	1,517	12
Minnesota.....	4,769	7,809	3,040	64	3,953	5,651	1,698	43
Iowa.....	2,823	3,962	1,139	40	4,133	4,080	-53	-1
Missouri.....	27,392	33,411	6,019	22	5,173	6,527	1,354	26
	Furniture and fixtures				Paper and allied products			
United States.....	189,382	282,780	93,398	49	270,239	388,901	118,662	44
Central States.....	73,544	108,184	34,640	47	88,669	122,632	33,963	38
Ohio.....	11,532	22,260	10,728	93	19,094	27,288	8,194	43
Indiana.....	14,359	19,272	4,913	34	5,641	7,607	1,966	35
Illinois.....	20,293	25,793	5,500	27	16,822	23,731	6,909	41
Michigan.....	14,154	19,473	5,319	38	19,031	23,133	4,102	22
Wisconsin.....	6,740	10,514	3,774	56	17,693	24,290	6,597	37
Minnesota.....	1,760	2,744	984	56	4,606	7,717	3,111	68
Iowa.....	1,281	1,853	572	45	721	1,097	376	52
Missouri.....	3,425	6,275	2,850	83	5,061	7,769	2,708	54

See footnotes at end of table, p. 178.

## E. MANUFACTURING—Continued

## 2. Production workers, 1939 and 1947—Continued

State	1939	1947	Change <sup>1</sup>		1939	1947	Change <sup>1</sup>	
			Number	Per-cent			Number	Per-cent
	Printing and publishing industries				Chemicals and allied products			
United States.....	324,371	438,135	113,764	35	275,669	466,458	190,789	69
Central States.....	118,832	159,002	40,170	34	63,596	130,863	57,267	90
Ohio.....	25,247	32,976	7,729	31	15,837	26,705	10,868	69
Indiana.....	7,517	10,283	2,766	37	6,588	14,745	8,157	124
Illinois.....	45,870	60,233	14,363	31	16,969	32,733	15,764	93
Michigan.....	10,990	13,593	2,603	24	13,125	25,018	11,893	91
Wisconsin.....	7,340	11,075	3,735	51	2,225	3,666	1,441	65
Minnesota.....	7,517	11,894	4,377	58	1,409	3,456	2,047	145
Iowa.....	4,090	5,496	1,406	34	1,310	3,779	2,469	188
Missouri.....	10,261	13,452	3,191	31	6,133	10,761	4,628	75
	Products of petroleum and coal				Rubber products			
United States.....	107,695	169,610	61,915	57	120,740	214,533	93,793	78
Central States.....	* 27,950	* 42,847	-----	-----	60,153	106,489	46,336	77
Ohio.....	6,166	9,096	2,930	48	37,049	68,190	31,141	84
Indiana.....	8,719	13,164	4,445	51	6,582	13,103	6,521	99
Illinois.....	8,373	13,614	5,241	63	3,552	4,453	901	25
Michigan.....	2,172	2,851	679	31	7,901	12,497	4,596	58
Wisconsin.....	668	882	214	32	3,276	4,694	1,418	43
Minnesota.....	635	1,228	593	93	266	604	338	127
Iowa.....	( <sup>2</sup> )	( <sup>2</sup> )	-----	-----	370	1,969	1,599	432
Missouri.....	1,217	2,012	795	65	1,157	979	-178	-15
	Leather and leather products				Stone, clay, and glass products			
United States.....	327,189	348,529	21,340	7	267,094	405,755	138,661	52
Central States.....	100,761	109,423	8,662	9	* 94,721	* 132,214	-----	-----
Ohio.....	18,368	16,197	-2,171	-12	40,333	53,385	13,052	32
Indiana.....	2,589	2,439	-150	-6	13,853	18,655	4,802	35
Illinois.....	25,523	26,209	686	3	17,370	26,388	9,018	52
Michigan.....	4,445	3,992	-453	-10	8,767	13,476	4,709	54
Wisconsin.....	10,565	19,100	2,535	15	( <sup>2</sup> )	( <sup>2</sup> )	-----	-----
Minnesota.....	1,149	1,455	306	27	3,328	3,249	-79	-2
Iowa.....	4,524	722	193	38	3,090	4,060	970	31
Missouri.....	31,598	39,309	7,711	24	7,980	13,001	5,021	63
	Primary metal industries				Fabricated metal products			
United States.....	672,438	1,010,055	337,617	50	451,087	822,514	371,427	82
Central States.....	276,239	439,115	162,876	59	203,184	377,174	173,990	86
Ohio.....	109,315	156,736	47,421	43	60,384	102,759	42,375	70
Indiana.....	51,972	71,336	19,364	37	16,842	34,287	17,445	104
Illinois.....	56,626	88,444	31,818	56	54,385	98,434	44,049	81
Michigan.....	36,126	81,100	44,974	124	38,203	78,360	40,157	105
Wisconsin.....	10,640	20,526	9,886	93	16,106	30,797	14,691	91
Minnesota.....	2,583	6,229	3,646	141	3,677	9,202	5,525	150
Iowa.....	1,340	2,888	1,548	116	3,042	4,263	1,221	40
Missouri.....	7,637	11,856	4,219	55	10,545	19,072	8,527	81

See footnotes at end of table, p. 178.

## E. MANUFACTURING—Continued

## 2. Production workers, 1939 and 1947—Continued

State	1939	1947	Change <sup>1</sup>		1939	1947	Change <sup>1</sup>	
			Number	Per cent			Number	Per cent
	Machinery (except electrical)				Electrical machinery			
United States.....	536,082	1,244,135	708,053	132	247,930	639,147	391,217	158
Central States.....	291,174	680,366	389,192	134	108,662	299,215	190,553	175
Ohio.....	84,932	186,250	101,318	119	29,767	77,599	47,832	161
Indiana.....	23,904	65,050	41,146	172	18,601	46,602	28,001	151
Illinois.....	79,995	172,524	92,529	116	38,807	103,463	64,656	167
Michigan.....	44,221	119,168	74,947	169	5,560	17,823	12,263	221
Wisconsin.....	33,755	73,623	39,868	118	6,411	23,042	16,631	259
Minnesota.....	7,447	19,489	12,042	162	852	11,611	10,759	136
Iowa.....	11,062	28,467	17,405	157	869	4,102	3,233	372
Missouri.....	5,858	15,795	9,937	170	7,795	14,973	7,178	92
	Transportation equipment				Instruments and related products			
United States.....	544,553	987,142	442,589	81	84,867	181,939	97,072	114
Central States.....	359,851	564,981	205,130	57	17,269	44,614	27,345	158
Ohio.....	34,206	78,017	43,811	128	2,382	6,231	3,849	162
Indiana.....	30,693	63,729	33,036	108	458	1,994	1,536	335
Illinois.....	14,282	37,980	23,698	166	10,670	24,200	13,530	127
Michigan.....	254,541	331,680	77,139	30	750	3,872	3,122	416
Wisconsin.....	15,681	25,789	10,108	64	498	5,121	4,623	-----
Minnesota.....	1,360	2,735	1,375	101	1,423	905	-518	-36
Iowa.....	459	2,410	1,951	425	224	750	526	-----
Missouri.....	8,629	22,641	14,012	162	864	1,541	677	78
	Miscellaneous manufactures							
United States.....	241,725	397,579	155,854	64				
Central States.....	66,923	114,591	47,668	71				
Ohio.....	15,432	28,723	13,291	86				
Indiana.....	5,889	10,137	4,248	72				
Illinois.....	25,625	35,740	10,115	39				
Michigan.....	6,922	11,112	4,190	61				
Wisconsin.....	3,978	8,067	4,089	103				
Minnesota.....	2,264	8,009	5,745	254				
Iowa.....	3,033	5,583	2,550	84				
Missouri.....	3,780	7,220	3,440	91				

<sup>1</sup> Increase, unless otherwise indicated.

<sup>2</sup> Withheld to avoid disclosing figures for individual companies.

<sup>3</sup> Omits a number of employees in States marked (?).

Source: 1947 Census of Manufactures, Final State Reports (Series M100). Although 1939 data have been adjusted wherever possible to the standard industrial classification used for the 1947 census, figures for the 2 periods are not in every case completely comparable. For full descriptions of the small variations remaining in various industry groups, see the industry volume of the 1947 Census of Manufactures (vol. II). In order to avoid disclosing figures for individual companies, the statistics for some industry groups are not shown. They are included, however, in the State totals.



E. MANUFACTURING—Continued

3. Trends in total manufacturing, 1899-1947<sup>1</sup>

NUMBER OF ESTABLISHMENTS

Year	United States	Central Region	Ohio	Indiana	Illinois	Michigan	Wisconsin	Minnesota	Iowa	Missouri
	Number									
1899.....	204,750	66,298	13,868	7,128	14,374	7,310	7,841	4,096	4,828	6,853
1909.....	264,810	79,477	15,138	7,969	18,026	9,159	9,721	5,561	5,528	8,375
1919.....	270,231	77,629	15,585	7,558	17,808	8,046	9,720	5,633	5,104	8,175
1929.....	206,663	59,793	11,855	5,091	15,333	6,686	7,431	4,315	3,317	5,765
1939.....	173,802	48,776	9,543	4,192	11,983	5,961	6,334	3,735	2,541	4,487
1947.....	240,881	63,827	12,303	5,408	15,988	9,892	6,979	4,567	2,965	5,725
	Index (1899=100)									
1899.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1909.....	129.3	119.9	109.2	111.8	125.4	125.3	124.0	135.8	114.5	122.2
1919.....	132.0	117.1	112.4	106.0	123.9	110.1	124.0	137.5	105.7	119.3
1929.....	100.9	90.2	85.5	71.4	106.7	91.5	94.8	105.3	68.9	84.1
1939.....	84.9	73.6	68.8	58.8	83.4	81.5	80.8	91.2	52.6	65.5
1947.....	117.6	96.3	88.7	75.9	111.2	135.3	89.0	111.5	61.4	83.5

See footnotes at end of table, p. 182.

## E. MANUFACTURING—Continued

3. Trends in total manufacturing, 1899-1947<sup>1</sup>—Continued

## ALL EMPLOYEES

[Average for the year]

Year	United States	Central Region	Ohio	Indiana	Illinois	Michigan	Wisconsin	Minnesota	Iowa	Missouri
	Number									
1899.....	4,850,019	1,417,611	336,218	149,464	373,835	169,150	148,005	71,182	49,579	120,178
1909.....	7,012,066	2,079,083	508,285	210,589	543,687	262,106	204,870	99,030	73,037	177,479
1919.....	9,836,801	3,299,262	867,255	322,362	785,859	541,175	307,955	140,414	98,470	235,772
1929.....	9,659,742	3,411,603	853,385	359,888	827,507	599,179	309,397	124,231	97,414	240,602
1939.....	9,527,306	3,103,317	731,742	337,869	752,728	618,702	251,774	102,179	88,054	220,269
1947.....	14,294,304	4,965,818	1,194,603	548,346	1,184,820	973,675	416,448	179,986	140,425	327,515
	Index (1899=100)									
1899.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1909.....	144.6	146.7	151.2	140.9	145.4	155.0	138.4	139.1	147.3	147.7
1919.....	202.8	232.7	257.9	215.7	210.2	319.9	208.1	197.3	198.6	196.2
1929.....	199.2	240.7	253.8	240.8	221.4	354.2	209.0	174.5	196.5	200.2
1939.....	196.4	218.9	217.6	226.1	201.4	365.8	170.1	143.5	177.6	183.3
1947.....	294.7	350.3	355.3	366.9	316.9	575.6	281.4	252.9	283.2	272.5

PRODUCTION WORKERS

[Average for the year]

Year	United States	Central region	Ohio	Indiana	Illinois	Michigan	Wisconsin	Minnesota	Iowa	Missouri
Number										
1899.....	4,501,919	1,290,003	308,109	139,017	332,871	155,800	137,525	64,557	44,420	107,704
1909.....	6,261,736	1,813,159	446,934	186,984	465,764	231,499	182,583	84,767	61,635	152,993
1919.....	8,464,916	2,774,208	728,303	276,695	649,994	470,274	262,211	113,781	79,196	193,754
1929.....	8,369,705	2,930,147	741,143	314,698	691,555	530,035	264,745	103,414	81,678	202,879
1939.....	7,808,205	2,499,379	595,520	275,272	590,995	520,165	198,648	78,023	64,773	175,983
1947.....	11,916,188	4,092,526	988,446	457,582	954,415	821,721	343,008	145,153	112,490	269,711
Index (1899=100)										
1899.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1909.....	139.1	140.6	145.1	134.5	139.9	148.6	132.8	131.3	138.8	142.0
1919.....	188.0	215.1	236.4	199.0	195.3	301.8	190.7	176.2	178.3	179.9
1929.....	185.9	227.1	240.5	226.4	207.8	340.2	192.5	160.2	183.9	188.4
1939.....	173.4	193.7	193.3	198.0	177.5	333.9	144.4	120.9	145.8	163.4
1947.....	264.7	317.2	320.8	329.2	286.7	527.4	249.4	224.8	253.2	250.4

See footnotes at end of table, p. 182.

34524-50-13

CENTRAL REGION

## E. MANUFACTURING—Continued

3. Trends in total manufacturing, 1899-1947<sup>1</sup>—Continued

## VALUE ADDED BY MANUFACTURE

Year	United States	Central Region	Ohio	Indiana	Illinois	Michigan	Wisconsin	Minnesota	Iowa	Missouri
Amount (in thousands of dollars)										
1899	4,646,981	1,458,079	339,368	141,909	439,418	143,726	141,057	73,394	47,092	132,115
1909	8,160,075	2,613,258	613,734	244,700	708,350	316,497	243,949	127,797	88,531	219,700
1919	23,841,624	8,178,132	2,182,610	721,736	1,929,125	1,544,581	715,786	327,921	221,757	534,616
1929	30,591,435	11,479,803	2,889,804	1,136,463	2,930,038	2,067,344	949,842	404,995	323,820	777,497
1939	24,487,304	8,876,440	2,116,434	964,746	2,187,240	1,794,016	681,970	306,840	243,390	581,804
1947	74,425,825	26,790,394	6,359,006	2,977,508	6,680,137	5,196,338	2,260,574	1,022,586	671,100	1,623,145
Index (1899=100)										
1899	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1909	175.6	179.2	180.8	172.4	172.6	220.2	172.9	174.1	188.0	166.3
1919	513.1	560.9	643.1	508.6	439.0	1,074.7	507.4	446.8	470.9	404.7
1929	658.3	787.3	851.5	800.8	666.8	1,438.4	673.4	551.8	687.6	588.5
1939	526.9	608.8	623.6	679.8	497.8	1,248.2	483.5	418.1	516.8	440.4
1947	1,601.6	1,837.4	1,873.8	2,098.2	1,520.2	3,615.4	1,602.6	1,393.3	1,425.1	1,228.6

Source: 1947 Census of Manufactures, Final State Reports (MC100 Series). National series were revised to exclude industries that are no longer counted as manufacturing. Similar adjustments could not be made in the State series, because data were not available for many of these industries on a State basis. The sum of the State and regional figures is therefore not equal to the United States totals.

State figures for 1939 and 1947 exclude, whereas earlier figures include, data for "Railroad repair shops," "Manufactured gas," and a few minor industries. Similarly, dates after 1919 exclude figures on the "Automobile repairing" industry, and "Motion pictures" were excluded from manufacturing after 1931. For these reasons the State figures for 1939 and 1947 are not completely comparable to those for earlier years.

The minimum size for establishments to be enumerated has varied from one census to another. The chief resulting lack of comparability is seen in data on number of establishments. In 1919 and previously, establishments producing a total value of \$500 or

more during the year were included. For the period 1921-39 the lower limit was set at \$5,000. The result was to exclude after 1919 a large number of small establishments, but no large amount of employment or production. If the \$5,000 limit had been in effect in 1919 some 23 percent of the establishments (those producing between \$500 and \$5,000 worth of manufactures per year) would have been omitted, but only about one-half of 1 percent of the production workers or the value added by manufacture. For the 1947 census, all establishments that employed at least 1 person at any time during the year were included.

<sup>1</sup> Differences in the levels of manufacturing employment in 1939 and 1947 as estimated by the Bureau of Labor Statistics (tables C) and by the Bureau of the Census (tables E) are attributable largely to differences in the definition of manufacturing and in the classification of establishments, administrative offices, and auxiliary units.

## F. CONSTRUCTION

## 1. New construction activity

[Millions of dollars]

## OHIO

Year	Total	Private				Public			
		Total	Residential building (excluding farm)	Non-residential building	Public utility	Total	Non-residential building	Highway	Other
1939.....	330.0	213.9	125.4	42.1	37.3	116.1	53.2	38.8	24.1
1940.....	380.9	267.7	149.0	64.2	45.1	113.2	32.5	43.0	37.7
1941.....	597.5	343.4	192.2	85.8	53.9	254.1	124.9	32.6	96.6
1942.....	571.2	189.5	95.8	44.3	39.1	381.7	229.3	25.8	126.6
1943.....	408.3	121.0	57.0	17.5	35.5	287.3	118.4	27.5	141.4
1944.....	219.6	120.5	43.3	25.7	43.9	99.1	29.2	21.2	48.7
1945.....	251.9	193.5	47.7	35.3	53.8	58.4	19.9	19.6	18.9
1946.....	626.3	546.6	174.8	260.6	99.0	79.7	10.6	28.3	40.8
1947.....	691.4	555.0	279.5	170.3	89.5	136.4	21.4	49.7	65.3
1948.....	917.1	743.8	365.4	210.8	151.1	173.3	53.3	66.8	53.2
First quarter, 1948.....	162.3	136.9	63.4	44.7	27.1	25.4	8.9	5.7	10.8
Second quarter, 1948.....	217.2	173.3	83.7	46.7	38.0	43.0	12.9	15.9	15.1
Third quarter, 1948.....	284.9	228.2	117.7	58.2	44.8	56.7	15.5	26.1	15.1
First quarter, 1949.....	185.5	149.1	64.8	52.6	30.4	36.4	17.6	8.1	10.7
Second quarter, 1949.....	232.4	170.2	81.5	50.6	34.1	62.2	23.5	23.6	15.1
Third quarter, 1949 <sup>1</sup> .....	285.1	219.2	122.5	60.0	40.1	65.9	25.1	24.3	16.5

## INDIANA

1939.....	143.6	90.4	38.7	19.8	24.1	53.2	27.6	13.1	12.5
1940.....	180.8	114.5	49.3	30.9	26.5	66.3	31.0	17.2	18.1
1941.....	388.5	175.4	67.3	64.6	33.4	213.1	157.0	20.1	36.0
1942.....	397.4	103.4	41.0	31.4	21.6	294.0	131.8	14.7	147.5
1943.....	157.8	48.1	10.0	9.4	18.4	109.7	47.3	10.1	52.3
1944.....	90.6	48.0	10.0	11.7	19.2	42.6	16.6	13.9	12.1
1945.....	178.4	94.8	13.6	50.8	24.1	83.6	50.3	10.6	22.7
1946.....	304.2	267.9	60.0	156.4	40.0	36.3	3.2	15.5	17.6
1947.....	329.1	279.2	104.1	85.3	74.1	49.9	8.1	25.1	16.7
1948.....	415.4	351.5	133.1	102.6	98.9	63.9	22.7	27.9	13.3
First quarter, 1948.....	75.1	66.6	25.6	21.7	17.6	8.5	3.8	2.2	2.5
Second quarter, 1948.....	98.7	83.2	31.5	22.4	24.3	15.5	5.2	6.8	3.5
Third quarter, 1948.....	126.8	106.6	40.5	28.8	29.6	20.2	6.1	10.4	3.7
First quarter, 1949.....	80.7	67.0	22.7	22.5	20.4	13.7	8.1	2.7	2.9
Second quarter, 1949.....	96.3	76.9	30.6	17.7	24.6	19.4	9.3	6.6	3.5
Third quarter, 1949 <sup>1</sup> .....	128.4	101.1	48.2	17.7	28.4	27.3	10.9	12.5	3.9

## ILLINOIS

1939.....	354.0	224.8	102.3	48.3	59.9	129.2	51.6	50.1	27.5
1940.....	402.4	288.8	127.3	73.3	73.6	113.6	30.3	41.1	42.2
1941.....	525.4	316.5	161.1	71.3	64.3	208.9	109.2	31.6	68.1
1942.....	644.4	189.4	70.3	38.7	63.3	455.0	294.8	33.4	128.8
1943.....	381.8	111.3	34.6	16.1	42.3	270.5	164.9	33.3	72.3
1944.....	185.1	108.5	34.6	18.6	42.8	76.6	25.4	24.0	27.2
1945.....	246.5	167.2	42.9	66.8	46.5	79.3	29.1	25.8	24.4
1946.....	565.5	469.7	180.2	193.9	76.0	95.8	17.9	29.5	48.4
1947.....	833.5	672.7	272.1	197.7	171.4	160.8	24.3	63.7	72.8
1948.....	1,069.2	874.4	355.4	289.9	199.1	194.8	60.7	65.9	68.2
First quarter, 1948.....	196.0	169.2	63.9	67.0	35.2	26.8	8.5	6.4	11.9
Second quarter, 1948.....	258.4	215.1	82.8	72.8	50.6	43.3	12.6	14.9	15.8
Third quarter, 1948.....	326.3	264.6	112.2	78.8	60.1	61.7	17.7	24.8	10.2
First quarter, 1949.....	215.6	167.4	64.7	59.8	40.5	48.2	22.5	5.8	19.9
Second quarter, 1949.....	258.6	191.6	78.9	55.2	50.3	67.0	25.6	17.9	23.5
Third quarter, 1949 <sup>1</sup> .....	317.7	242.8	117.9	55.7	57.2	74.9	26.1	21.3	27.5

See footnotes at end of table, p. 185.

## F. CONSTRUCTION—Continued

## 1. New construction activity—Continued

[Millions of dollars]

## MICHIGAN

Year	Total	Private			Public				
		Total <sup>1</sup>	Residential building (excluding farm)	Non-residential building	Public utility	Total	Non-residential building	Highway	Other <sup>2</sup>
1939	270.1	191.9	118.0	35.8	32.0	78.2	35.8	27.9	14.5
1940	338.7	259.4	162.7	54.9	35.3	79.3	23.8	36.0	19.5
1941	463.1	352.9	226.9	82.6	35.0	110.2	46.5	32.1	31.6
1942	434.8	180.6	107.6	33.9	31.8	254.2	152.3	32.6	69.3
1943	298.9	114.3	82.1	10.5	14.2	184.6	59.9	26.3	28.4
1944	156.1	87.3	45.5	16.6	20.1	68.8	22.3	18.7	9.8
1945	192.8	140.1	45.1	67.3	23.0	52.7	20.7	10.3	21.7
1946	475.0	307.1	184.5	161.4	42.8	78.5	29.1	24.1	25.3
1947	669.4	557.4	300.9	144.5	102.2	112.0	35.1	37.4	39.5
1948	796.5	665.5	352.7	174.4	126.7	131.0	38.1	56.9	36.0
First quarter, 1948	149.5	131.7	69.3	37.2	24.0	17.8	6.7	4.7	6.4
Second quarter, 1948	195.8	162.0	86.8	40.4	31.3	33.8	8.5	13.1	12.2
Third quarter, 1948	245.3	199.6	109.2	48.0	37.1	45.7	10.9	25.2	9.6
First quarter, 1949	149.7	127.6	60.6	41.8	24.3	22.1	12.0	4.0	6.1
Second quarter, 1949	189.5	149.8	83.9	35.5	27.6	39.7	12.9	18.1	8.7
Third quarter, 1949 <sup>3</sup>	237.8	192.5	122.0	33.7	32.1	45.3	12.6	20.7	12.0

## WISCONSIN

1939	134.1	81.7	40.4	14.7	18.3	52.4	25.2	19.7	7.5
1940	124.2	91.3	47.1	21.9	14.2	32.9	12.9	12.5	7.5
1941	148.8	111.8	57.4	22.5	20.7	37.0	11.9	17.9	7.2
1942	250.0	62.0	22.5	13.6	15.4	188.0	113.6	12.0	61.8
1943	77.6	35.0	8.2	4.1	9.8	44.6	30.8	5.1	8.7
1944	79.3	39.9	8.3	12.1	11.7	39.4	28.2	7.6	3.6
1945	105.8	63.3	14.9	28.7	12.9	42.5	26.5	9.3	6.7
1946	231.6	190.7	60.5	82.2	35.3	40.9	5.7	20.6	14.6
1947	288.1	235.6	99.0	72.4	45.1	52.5	5.2	24.8	22.5
1948	379.8	299.7	135.1	85.9	60.3	80.1	14.8	43.7	21.0
First quarter 1948	62.4	54.2	23.2	18.7	10.4	8.2	1.8	1.6	4.8
Second quarter 1948	88.8	70.1	30.7	18.8	15.1	18.7	2.6	10.3	5.8
Third quarter, 1948	125.8	94.0	43.7	23.5	18.5	31.8	4.1	21.7	6.0
First quarter 1949	72.6	57.0	23.0	20.7	11.8	15.6	8.3	2.5	4.8
Second quarter, 1949	94.1	66.1	26.9	18.7	16.1	28.0	10.3	10.6	7.1
Third quarter, 1949 <sup>3</sup>	128.1	87.5	40.6	20.7	18.8	40.6	12.0	20.3	8.3

## MINNESOTA

1939	134.4	76.4	38.7	12.0	16.1	58.0	25.7	23.0	9.3
1940	136.5	92.3	52.8	13.7	15.7	44.2	13.8	22.4	8.0
1941	171.2	113.7	60.8	21.2	18.0	57.5	23.1	27.2	7.2
1942	173.3	56.7	20.1	9.7	15.0	116.6	91.4	18.3	6.9
1943	82.6	27.9	7.7	4.7	9.8	54.7	41.1	8.0	5.6
1944	67.0	33.7	4.4	7.4	12.3	33.3	20.8	9.2	3.3
1945	87.5	54.0	16.6	14.6	15.2	33.5	17.3	13.1	3.1
1946	224.2	180.0	80.4	52.5	32.6	44.2	4.1	28.0	12.1
1947	266.4	213.0	104.2	41.4	44.8	53.4	7.6	26.4	19.4
1948	333.3	270.4	135.6	53.0	60.0	62.9	13.7	32.3	16.9
First quarter 1948	56.7	49.5	23.9	11.8	11.6	7.2	2.5	1.8	2.9
Second quarter 1948	79.1	64.2	31.1	11.6	15.0	14.9	3.1	7.4	4.4
Third quarter, 1948	109.5	84.5	43.6	13.7	17.3	25.0	3.7	16.1	5.2
First quarter 1949	63.1	54.9	22.6	15.0	15.6	8.2	5.1	6.6	2.5
Second quarter, 1949	84.1	65.1	26.9	14.0	19.0	19.0	8.4	6.2	4.4
Third quarter, 1949 <sup>3</sup>	110.8	82.2	37.9	13.4	22.2	28.6	9.1	15.0	4.5

See footnotes at end of table, p. 185.

## F. CONSTRUCTION—Continued

## 1. New construction activity—Continued

[Millions of dollars]

## IOWA

Year	Total	Private				Public			
		Total <sup>1</sup>	Residential building (excluding farm)	Non-residential building	Public utility	Total	Non-residential building	Highway	Other <sup>2</sup>
1939.....	112.7	70.4	23.7	12.7	17.5	42.3	13.2	21.0	8.1
1940.....	113.6	77.6	29.9	14.1	16.4	36.0	9.4	18.9	7.7
1941.....	173.6	95.4	34.6	20.0	16.5	78.2	52.1	18.1	8.0
1942.....	136.8	51.5	11.8	6.8	11.8	85.3	38.5	12.8	34.0
1943.....	64.5	34.9	.9	2.7	8.0	29.6	6.0	5.7	17.9
1944.....	49.8	38.5	1.3	5.2	15.1	11.3	4.7	3.7	2.9
1945.....	64.6	50.8	3.8	12.9	20.1	13.8	4.7	5.9	3.2
1946.....	165.2	131.7	36.0	38.4	32.0	33.5	1.4	17.5	14.6
1947.....	258.9	213.9	49.9	67.5	50.4	45.0	4.5	25.2	15.3
1948.....	.....	.....	.....	54.8	62.6	67.3	12.6	36.2	18.5
First quarter, 1948.....	.....	.....	.....	11.1	11.1	6.8	1.6	1.8	3.4
Second quarter, 1948.....	.....	.....	.....	14.4	14.9	16.8	2.6	8.8	5.4
Third quarter, 1948.....	.....	.....	.....	15.7	19.0	26.1	3.9	16.8	5.4
First quarter, 1949.....	.....	.....	.....	.....	.....	9.8	5.0	1.6	3.2
Second quarter, 1949.....	.....	.....	.....	.....	.....	19.2	6.9	8.3	4.0
Third quarter, 1949 <sup>3</sup> .....	.....	.....	.....	.....	.....	30.5	8.2	17.2	5.1

## MISSOURI

1939.....	133.3	78.2	37.0	15.7	18.4	55.1	21.3	14.5	19.3
1940.....	159.3	97.2	44.5	26.3	18.8	62.1	17.8	15.1	29.2
1941.....	310.3	104.2	43.7	29.5	21.0	206.1	101.7	18.9	85.5
1942.....	276.3	59.2	20.2	10.1	19.2	217.1	118.4	11.6	87.1
1943.....	109.1	26.7	1.3	2.4	12.9	82.4	48.9	6.7	26.8
1944.....	57.0	34.0	3.2	4.6	18.8	23.6	14.6	4.0	5.0
1945.....	89.5	61.8	5.3	27.3	22.7	27.7	17.5	5.8	4.4
1946.....	211.1	173.3	45.4	77.6	38.4	37.8	9.8	12.5	15.5
1947.....	279.9	235.5	73.8	72.3	72.5	44.4	5.4	19.9	19.1
1948.....	417.6	317.5	103.8	79.7	114.7	100.1	17.5	29.1	53.5
First quarter, 1948.....	73.2	61.0	19.3	18.5	21.2	12.2	2.7	1.2	8.3
Second quarter, 1948.....	102.6	77.0	23.8	18.2	29.3	25.6	4.3	9.6	11.7
Third quarter, 1948.....	127.6	94.5	31.6	20.8	33.4	33.1	5.4	11.1	16.6
First quarter, 1949.....	83.1	68.2	20.1	19.7	20.9	14.9	4.6	2.4	7.9
Second quarter, 1949.....	105.8	80.0	23.7	17.6	34.1	25.8	4.7	8.1	13.0
Third quarter, 1949 <sup>3</sup> .....	131.8	101.5	37.5	16.5	39.8	30.3	5.0	10.8	14.5

<sup>1</sup> Includes farm construction.<sup>2</sup> Includes residential building, military and naval, miscellaneous public service enterprises, conservation and development, sewer and water, and all other public construction.<sup>3</sup> Third quarter figures are preliminary.

Source: U. S. Department of Commerce.

## F. CONSTRUCTION—Continued

2. Building construction in large cities, 1921-49<sup>1</sup>

[In thousands of dollars]

Year	Akron	Canton	Chicago	Cincinnati	Cleveland	Columbus	Dayton	Des Moines
1921	3,705	3,816	133,028	15,261	86,680	9,250	6,055	3,723
1922	4,479	6,033	229,853	25,596	54,351	18,190	11,511	14,010
1923	7,367	8,440	334,164	23,365	72,450	22,297	10,202	8,326
1924	8,759	8,608	308,911	23,572	62,980	30,994	9,750	9,220
1925	14,454	8,966	373,804	31,970	67,916	29,353	12,484	6,184
1926	15,983	5,321	376,808	29,257	61,777	25,251	11,011	5,869
1927	20,196	4,156	365,065	30,570	45,481	23,283	10,332	2,876
1928	19,485	3,662	323,509	35,459	56,159	16,237	10,358	4,510
1929	21,640	3,456	210,798	31,037	37,782	10,613	6,343	4,082
1930	8,777	1,585	85,749	33,161	32,554	5,616	5,958	4,011
1931	1,939	640	66,694	21,467	11,991	3,369	2,895	3,033
1932	804	378	12,881	7,820	12,048	1,868	939	1,895
1933	689	88	5,869	4,194	2,750	2,311	598	751
1934	875	343	17,033	4,702	4,749	1,486	1,493	1,489
1935	1,338	450	18,812	10,004	12,404	3,097	1,581	2,198
1936	2,416	927	35,911	24,039	8,887	5,608	3,029	2,623
1937	3,350	1,398	37,079	15,105	11,334	6,686	4,403	2,702
1938	1,622	1,824	29,442	12,086	7,390	6,210	3,259	3,031
1939	3,305	1,677	54,601	12,372	20,667	11,523	4,550	6,028
1940	6,217	2,848	66,785	18,842	26,466	19,475	6,208	5,290
1947	18,037	4,527	120,705	31,117	43,028	23,849	13,259	12,676
1948	24,753	4,937	173,300	40,896	40,766	30,655	12,038	12,470
1949	19,110	5,861	163,019	37,004	40,752	34,075	13,918	26,590

Year	Detroit	Duluth	Flint	Fort Wayne	Gary	Grand Rapids	Indianapolis	Kansas City, Mo.
1921	58,086	3,682	2,695	4,800	2,794	5,607	17,850	15,725
1922	93,615	7,833	6,714	9,861	2,944	12,201	26,453	22,979
1923	129,720	6,647	10,955	11,995	4,281	9,925	26,313	25,762
1924	160,548	7,113	8,943	11,488	9,059	9,460	23,910	21,865
1925	180,133	7,059	6,274	10,923	13,058	12,187	24,840	38,256
1926	183,721	5,686	13,029	7,751	22,074	16,869	19,030	21,576
1927	145,556	4,431	22,087	6,002	15,017	12,319	23,682	14,822
1928	129,260	3,289	14,423	5,011	6,041	8,187	21,967	15,541
1929	100,567	3,686	14,684	7,039	3,146	6,087	14,844	14,845
1930	48,369	2,168	3,994	3,009	1,177	2,922	7,451	15,663
1931	23,435	948	1,966	3,188	983	1,147	9,339	8,290
1932	8,740	1,352	262	1,623	130	1,513	2,546	1,861
1933	4,053	1,039	420	761	113	415	1,699	943
1934	8,889	604	702	451	221	454	2,707	1,861
1935	22,218	1,003	1,451	1,427	625	570	6,983	4,829
1936	43,052	1,195	3,439	1,793	1,319	1,676	8,260	7,180
1937	56,543	2,197	3,669	2,563	1,738	2,167	7,558	5,665
1938	53,471	1,476	2,593	2,695	1,000	1,441	9,364	3,751
1939	62,773	1,934	3,418	4,017	2,741	2,613	11,233	2,811
1940	88,904	2,621	6,562	3,709	5,786	3,089	12,155	3,508
1947	147,607	4,540	11,141	9,318	9,194	9,460	26,806	17,738
1948	141,388	5,938	12,172	8,831	11,457	15,129	32,493	35,563
1949	188,382	7,447	14,927	10,662	13,938	12,879	40,664	36,518

See footnotes at end of table, p. 187.



## F. CONSTRUCTION—Continued

2. Building construction in large cities, 1921-49<sup>1</sup>—Continued

[In thousands of dollars]

Year	Milwaukee	Minneapolis	Peoria	St. Louis	St. Paul	South Bend	Toledo	Youngstown
1921	19,417	22,696	2,553	14,502	13,839	4,147	7,789	4,554
1922	25,141	29,414	4,029	24,980	22,341	10,099	9,639	5,302
1923	34,110	32,964	3,767	41,352	29,915	13,322	15,839	5,791
1924	37,442	22,726	4,750	39,766	20,771	5,360	15,812	11,942
1925	31,477	29,446	5,566	55,057	28,811	8,445	15,503	11,953
1926	33,814	20,609	5,685	42,739	15,591	9,753	13,046	9,614
1927	37,748	22,430	3,410	41,417	10,071	4,889	15,514	9,007
1928	35,406	23,258	3,951	42,828	8,700	6,363	17,346	8,638
1929	37,947	20,960	3,604	27,074	9,365	7,015	13,507	5,894
1930	25,285	13,449	3,436	17,322	10,682	3,709	10,405	2,801
1931	12,634	12,390	2,515	16,620	12,652	1,329	2,295	1,464
1932	4,147	6,991	584	4,414	2,796	493	493	595
1933	2,207	2,579	1,877	13,068	4,566	284	401	543
1934	2,819	3,181	934	6,852	2,343	228	2,720	449
1935	7,418	4,896	1,844	16,065	3,182	559	2,369	740
1936	11,899	7,717	4,956	10,231	6,235	1,103	5,913	1,558
1937	13,777	10,687	3,791	9,788	6,196	1,392	4,607	1,882
1938	6,552	7,903	3,079	9,979	7,016	1,016	2,357	1,293
1939	10,449	18,717	7,126	13,874	8,115	2,186	6,077	6,197
1940	11,200	10,343	3,215	43,936	9,953	10,382	4,670	2,831
1947	31,614	30,931	4,451	28,479	19,126	9,814	12,017	6,528
1948	53,398	37,281	8,450	28,243	23,846	12,977	20,336	5,230
1949	58,152	39,921	6,103	30,416	21,603	12,142	18,284	6,679

<sup>1</sup> Value of permits issued and Federal construction contracts awarded for building construction in cities having a 1940 population of 100,000 or more: Covers all classes of building, including additions, alterations, and repairs; covers only construction within official city limits, and does not include suburban developments outside of corporate limits.

Source: U. S. Department of Labor, Bureau of Labor Statistics.

3. Number of new dwelling units authorized in urban areas, 1921-49<sup>1</sup>

	1921	1922	1923	1924	1925	1926	1927	1928
Central region								
Ohio								
Akron	234	385	719	1,154	1,960	1,968	2,521	2,557
Canton	403	660	1,079	1,152	988	702	512	374
Cincinnati	1,101	2,609	1,899	2,466	2,322	2,530	3,212	3,559
Cleveland	4,084	5,153	7,125	8,247	8,138	5,406	3,631	3,167
Columbus	1,317	2,477	3,209	3,658	3,185	3,192	2,430	2,477
Dayton	546	961	1,090	980	997	813	1,201	732
Toledo	600	1,126	1,459	1,643	1,515	1,545	1,749	1,698
Youngstown	724	734	972	1,464	1,435	1,089	1,148	929
Indiana								
Fort Wayne	586	1,406	1,533	1,441	1,345	972	485	407
Gary	494	428	656	1,517	2,194	2,024	1,675	890
Indianapolis	2,565	4,131	3,638	3,847	3,744	2,424	2,400	2,511
South Bend	665	1,598	1,821	753	1,247	1,036	540	579
Illinois								
Chicago	12,252	24,227	33,539	35,905	39,510	41,416	41,201	34,447
Peoria	300	432	432	418	609	362	349	437
Michigan								
Detroit	6,743	16,813	22,764	25,752	26,173	26,421	15,614	15,929
Flint	348	403	1,900	1,294	1,017	2,171	3,559	2,221
Grand Rapids	630	1,402	1,083	1,048	1,423	1,955	1,709	895
Wisconsin								
Milwaukee	2,212	2,964	3,542	3,793	3,718	3,629	4,252	4,965
Minnesota								
Duluth	637	1,050	788	714	759	489	303	198
Minneapolis	3,574	4,663	5,009	4,036	4,451	2,760	2,189	2,240
St. Paul	2,104	2,535	2,763	2,221	3,048	2,188	1,148	773
Iowa								
Des Moines	758	1,824	1,596	1,276	1,006	502	360	406
Missouri								
Kansas City	2,578	4,668	6,427	4,676	5,138	3,728	3,104	1,969
St. Louis	2,072	4,013	5,544	5,241	8,349	8,020	5,463	7,190

See footnotes at end of table, p. 188.

## F. CONSTRUCTION—Continued

3. Number of new dwelling units authorized in urban areas, 1921-49<sup>1</sup>—Continued

	1929	1930	1931	1932	1933	1934	1935	1936
Central region.....								
Ohio.....								
Akron.....	2,171	372	105	53	32	42	93	181
Canton.....	331	95	21	8	7	9	31	82
Cincinnati.....	2,077	1,693	1,235	431	380	293	706	3,134
Cleveland.....	2,143	1,176	511	220	109	67	2,039	491
Columbus.....	1,211	575	300	50	26	36	132	554
Dayton.....	212	213	173	54	7	8	42	118
Toledo.....	1,310	372	135	44	20	13	58	399
Youngstown.....	525	163	84	17	12	7	32	96
Indiana.....								
Fort Wayne.....	578	313	155	23	9	12	62	117
Gary.....	375	131	56	8	9	10	31	90
Indianapolis.....	1,760	615	399	128	47	70	907	407
South Bend.....	661	193	54	18	9	4	26	56
Illinois.....								
Chicago.....	18,837	2,741	966	221	131	193	420	3,059
Peoria.....	366	408	259	84	48	33	79	235
Michigan.....								
Detroit.....	12,151	4,084	2,135	310	265	412	1,652	4,433
Flint.....	2,076	360	128	12	13	20	68	261
Grand Rapids.....	589	231	113	27	19	10	17	73
Wisconsin.....								
Milwaukee.....	3,848	1,729	929	169	67	94	364	1,175
Minnesota.....								
Duluth.....	115	82	95	60	51	29	18	50
Minneapolis.....	1,570	1,355	1,265	445	295	150	461	646
St. Paul.....	591	402	397	229	172	104	245	557
Iowa.....								
Des Moines.....	348	225	323	143	152	129	182	254
Missouri.....								
Kansas City.....	2,234	864	423	159	133	113	445	451
St. Louis.....	4,364	1,618	1,491	553	303	599	823	1,029

	1937	1938	1939	1940	1947	1948	1949
Central region.....				86,421	114,972	108,680	132,880
Ohio.....				19,885	23,795	22,221	27,617
Akron.....	247	173	270	1,000	1,006	1,154	1,111
Canton.....	140	111	198	341	356	345	351
Cincinnati.....	1,524	1,315	1,517	3,011	1,144	1,307	1,090
Cleveland.....	484	568	2,173	2,050	2,123	1,032	2,195
Columbus.....	736	767	1,505	2,297	1,977	1,991	2,619
Dayton.....	249	265	674	1,301	1,146	759	1,009
Toledo.....	270	247	937	602	646	593	804
Youngstown.....	150	142	769	272	366	343	514
Indiana.....				8,094	11,927	11,171	13,062
Fort Wayne.....	224	219	367	613	772	600	779
Gary.....	243	169	397	1,302	1,199	1,066	1,826
Indianapolis.....	589	1,060	1,353	1,452	2,377	1,825	3,033
South Bend.....	98	62	156	298	640	953	1,078
Illinois.....				13,876	21,627	22,034	23,205
Chicago.....	1,330	1,840	4,797	3,319	5,455	6,285	8,091
Peoria.....	239	229	1,360	275	314	367	255
Michigan.....				22,761	26,096	19,631	31,020
Detroit.....	5,746	6,757	9,276	13,095	10,973	7,235	13,336
Flint.....	238	138	439	629	875	658	978
Grand Rapids.....	184	153	333	466	658	782	688
Wisconsin.....				5,384	9,121	10,078	9,881
Milwaukee.....	647	498	979	1,016	1,733	2,859	3,437
Minnesota.....				6,596	9,077	9,269	10,809
Duluth.....	91	148	191	265	299	412	325
Minneapolis.....	1,190	1,020	1,553	1,251	1,381	1,655	2,477
St. Paul.....	447	885	712	906	1,174	998	1,295
Iowa.....				4,568	5,124	5,541	6,323
Des Moines.....	268	416	767	1,140	968	938	1,468
Missouri.....				5,257	8,205	8,735	10,958
Kansas City.....	371	216	316	318	910	2,005	2,363
St. Louis.....	932	1,053	1,257	1,332	841	1,337	1,559

<sup>1</sup> Based on building permits issued, Federal contracts awarded, and State and local public housing started. Attention is directed to the fact that this tabulation pertains only to building authorized within urban places. Urban as defined by the Bureau of the Census covers incorporated places of 2,500 population or more in 1940 and, by special rule, a small number of unincorporated civil divisions. Building outside these city limits is excluded, even when it is located in populous suburban areas that may be an integral part of a city's economic and social life. These data do not represent the volume of housing actually started during the years shown, because adjustment has not been made for lapsed building permits, nor for lag between permit issuance or contract award dates and the start of construction.

Source: Bureau of Labor Statistics. State estimates are not available prior to 1940.

## G. AGRICULTURE

## 1. Number of farms

State	Number (in thousands)					Percent change, 1910-45 <sup>1</sup>	
	1910	1920	1930	1940	1945	Number of farms	Land in farms
United States.....	6,362	6,448	6,289	6,097	5,859	-7.9	29.9
Central region.....	1,773	1,738	1,622	1,673	1,595	-10.0	2.0
Ohio.....	272	257	219	234	221	-18.8	-9.0
Indiana.....	215	205	182	185	176	-18.1	-6.0
Illinois.....	252	237	214	213	204	-19.0	-2.8
Michigan.....	207	196	169	188	175	-15.5	-2.9
Wisconsin.....	177	189	182	187	178	.6	12.1
Minnesota.....	156	178	185	197	189	21.2	19.7
Iowa.....	217	213	215	213	209	-3.7	1.5
Missouri.....	277	263	256	256	243	-12.3	2.0

<sup>1</sup> Increase, unless otherwise indicated.

Source: United States Census of Agriculture.

## 2. Value of farm real estate

State	Average value of farm land and improvements per acre, as of Mar. 1 (1912-14=100)					
	1915	1920	1930	1940	1947	1949
United States.....	103	170	115	84	159	175
Central region:						
Ohio.....	107	159	90	77	158	175
Indiana.....	102	161	80	74	158	176
Illinois.....	102	160	91	75	141	158
Michigan.....	105	154	121	91	194	202
Wisconsin.....	104	171	117	84	135	152
Minnesota.....	107	213	133	86	143	164
Iowa.....	112	213	113	74	134	154
Missouri.....	102	167	92	59	113	123

Source: U. S. Department of Agriculture, Current Developments in the Farm Real Estate Market, September 1949.

## G. AGRICULTURE—Continued

## 3. Chief agricultural products, 1929, 1939, 1948; as shown by cash receipts from farm marketings

## OHIO

Product	Receipts (in thousands of dollars)			Percent		
	1929	1939	1948	1929	1939	1948
Total crops and livestock.....	377,034	312,477	1,049,425	100.0	100.0	100.0
Dairy products.....	84,930	64,732	233,344	22.5	20.7	22.2
Hogs.....	73,714	55,782	229,796	19.6	17.9	21.9
Cattle, calves.....	35,290	43,376	129,898	9.4	13.9	12.4
Eggs.....	46,557	26,087	89,862	12.3	8.3	8.6
Other products.....	136,543	122,500	366,525	36.2	39.2	34.9

## INDIANA

Total crops and livestock.....	327,291	258,384	1,058,458	100.0	100.0	100.0
Dairy products.....	58,915	41,123	145,054	18.0	15.9	13.7
Hogs.....	92,655	72,974	336,572	28.3	28.2	31.8
Cattle, calves.....	37,155	41,771	144,427	11.4	16.2	13.6
Other products.....	138,566	102,516	432,405	42.3	39.7	40.9

## ILLINOIS

Total crops and livestock.....	593,544	487,213	1,877,080	100.0	100.0	100.0
Dairy products.....	85,708	65,487	193,384	14.4	13.4	10.3
Hogs.....	126,410	90,631	457,428	21.3	18.6	24.4
Cattle, calves.....	85,503	94,782	337,871	14.4	19.5	18.0
Corn.....	114,148	97,329	311,063	19.2	20.0	16.6
Other products.....	181,775	138,984	577,334	30.7	28.5	30.7

## MICHIGAN

Total crops and livestock.....	268,755	216,801	717,565	100.0	100.0	100.0
Dairy products.....	77,948	62,225	218,812	29.0	28.7	30.5
Hogs.....	19,136	14,905	49,460	7.1	6.9	6.9
Cattle, calves.....	25,581	27,118	90,315	9.5	12.5	12.6
Eggs.....	22,927	14,042	52,199	8.5	6.5	7.3
Truck crops.....	10,422	15,277	41,621	3.9	7.0	5.8
Other products.....	112,741	83,234	265,158	42.0	38.4	36.9

## WISCONSIN

Total crops and livestock.....	393,987	269,432	1,150,524	100.0	100.0	100.0
Dairy products.....	204,371	135,058	578,820	51.9	50.1	50.3
Cattle, calves.....	49,326	39,837	164,984	12.5	14.8	14.3
Other products.....	140,290	94,537	406,720	35.6	35.1	35.4

## MINNESOTA

Total crops and livestock.....	432,001	335,885	1,332,313	100.0	100.0	100.0
Dairy products.....	122,397	77,951	260,578	28.3	23.2	19.6
Hogs.....	92,275	61,697	263,064	21.4	18.4	19.7
Cattle, calves.....	66,207	61,004	196,174	15.3	18.2	14.7
Other products.....	151,122	135,233	612,497	35.0	40.2	46.0

## G. AGRICULTURE—Continued

## 3. Chief agricultural products, 1929, 1939, 1948, as shown by cash receipts from farm marketings—Continued

## IOWA

Product	Receipts (in thousands of dollars)			Percent		
	1929	1939	1948	1929	1939	1948
Total crops and livestock.....	763,085	573,633	2,136,682	100.0	100.0	100.0
Hogs.....	278,285	167,209	856,760	36.5	29.1	40.1
Cattle, calves.....	162,147	159,290	492,004	21.2	27.8	23.0
Other products.....	322,653	247,134	787,918	42.3	43.1	36.9

## MISSOURI

Total crops and livestock.....	391,742	253,332	1,085,717	100.0	100.0	100.0
Cattle, calves.....	84,243	63,992	266,380	21.5	25.3	24.5
Hogs.....	101,830	51,603	257,020	26.0	20.4	23.7
Dairy products.....	47,584	31,441	145,792	12.1	12.4	13.4
Other products.....	158,085	106,291	416,625	40.4	41.9	38.4

Source: U. S. Department of Agriculture, Bureau of Agricultural Economics. 1929 and 1939, from Cash Receipts from Farming by States and Commodities. Calendar Years 1942-44. 1948, from Farm Income Situation, June 1949.

## 4. Farm wage rates

State	Composite rate per month <sup>1</sup>				Percent of United States average			
	1919	1929	1939	1948	1919	1929	1939	1948
United States.....	\$51.13	\$44.52	\$30.56	\$107	100.0	100.0	100.0	100.0
Central Region:								
Ohio.....	50.30	46.80	32.80	103	98.4	105.1	107.3	96.3
Indiana.....	46.10	43.90	32.20	102	90.2	98.6	105.4	95.3
Illinois.....	50.60	48.50	37.00	117	99.0	108.9	121.1	109.3
Michigan.....	52.20	52.20	34.90	117	102.1	117.2	114.2	109.3
Wisconsin.....	56.10	54.90	33.90	124	109.7	123.3	110.9	115.9
Minnesota.....	61.90	49.00	33.60	121	121.1	110.1	109.9	113.1
Iowa.....	61.70	51.00	35.30	129	120.7	114.6	115.5	120.6
Missouri.....	41.10	36.50	24.90	88	80.4	82.0	81.5	82.2

<sup>1</sup> Composite is a weighted average of monthly and daily wage rates with and without board.

Source: U. S. Department of Agriculture, Farm Labor.

## H. TIMBER RESOURCES AND LUMBER CUT

State	Estimated volume of standing saw timber on commercial forest land, 1945		Lumber sawed				
	Million board feet	Percent of United States total	Million board feet		Percent change, 1942-47 <sup>1</sup>	Percent of United States total	
			1942	1947		1942	1947
	A	B	C	D	E	F	G
United States.....	1,600,972	100.00	36,332	35,404	-2.6	100.0	100.0
Central region.....	82,065	5.13	2,119	2,160	1.9	5.8	6.1
Ohio.....	9,135	.57	271	265	-2.0	.7	.7
Indiana.....	6,175	.39	170	180	6.3	.5	.5
Illinois.....	3,717	.23	101	100	-1.3	.3	.3
Michigan.....	24,140	1.51	531	580	9.2	1.5	1.6
Wisconsin.....	14,980	.94	484	486	.4	1.3	1.4
Minnesota.....	11,590	.72	232	244	5.4	.6	.7
Iowa.....	5,344	.33	56	45	-19.6	.2	.1
Missouri.....	6,984	.44	275	259	-5.6	.8	.7

<sup>1</sup> Increase unless otherwise indicated.

Source: Columns A and B, Agricultural Statistics, 1948. Columns C and D, 1947, Census of Manufactures, Pamphlet MC 24A.

## J. MINERALS

## 1. Value of mineral production, 1940 and 1948

State	Amount (in thousands of dollars)		Percent of United States total	
	1940	1948	1940	1948
United States <sup>1</sup> .....	5,613,900	15,670,000	100.0	100.0
Central region.....	788,020	1,689,496	18.8	13.6
Ohio.....	116,608	328,228	2.8	2.6
Indiana.....	58,468	166,803	1.4	1.3
Illinois.....	276,614	523,422	6.6	4.2
Michigan.....	117,997	205,954	2.8	1.7
Wisconsin.....	13,554	37,641	.3	.3
Minnesota.....	128,572	268,813	3.1	2.2
Iowa.....	26,007	45,129	.6	.4
Missouri.....	50,200	113,506	1.2	.9

<sup>1</sup> The United States figure is greater than the sum of State figures, principally because it includes pig iron, ferro-alloy metals, and aluminum valued at the smelter, instead of ore at the mine; natural gas valued at points of consumption rather than at wells, and the mineral production of Alaska and insular territories.

Source: U. S. Department of the Interior, Bureau of Mines.

## 2. Iron ore mined

State	Production by years			
	Amount (in thousands of gross tons)			Percent change, 1929-48 <sup>1</sup>
	1929	1939	1948	
United States.....	73,028	51,732	101,003	38.3
Central region.....	62,995	41,719	82,796	31.4
Michigan.....	15,456	9,159	13,102	-15.2
Wisconsin.....	1,609	973	1,493	-7.2
Minnesota.....	45,761	31,548	68,036	48.7
Missouri.....	169	39	165	-2.4

<sup>1</sup> Increase, unless otherwise indicated.

Source: U. S. Department of the Interior, Bureau of Mines.

## J. MINERALS—Continued

## 3. Copper production—Mine production of recoverable copper

[Short tons]

State	Production by years				Maximum production	
	Amount			Percent change, 1929-48 <sup>1</sup>	Year	Amount
	1929	1939	1948			
United States.....	977,300	728,192	834,797	-14.6	1943	1,090,818
Central region.....	93,202	43,985	30,147	-67.7		
Michigan.....	93,201	43,985	27,777	-70.2	1916	136,846
Missouri.....	1		2,370		1945	3,399

<sup>1</sup> Increase, unless otherwise indicated.

Source: U. S. Department of the Interior, Bureau of Mines.

## 4. Lead and zinc production—Mine production of recoverable metal

[Short tons]

State	Lead				Zinc			
	Amount			Percent change, col. A to col. C <sup>1</sup>	Amount			Percent change, col. E to col. G <sup>1</sup>
	1925-29 average	1939	1948		1925-29 average	1939	1948	
	A	B	C	D	E	F	G	H
United States.....	663,248	413,042	390,147	-41.2	724,720	583,807	629,955	-13.1
Central region.....	204,537	156,977	106,844	-47.8	40,937	21,334	27,307	-33.3
Illinois.....	552	308	3,695	569.4	1,174	334	12,080	1,005.6
Wisconsin.....	1,745	388	861	-50.7	23,055	5,904	7,864	-65.9
Missouri.....	202,240	156,281	102,288	-49.4	16,708	15,096	6,463	-61.3

<sup>1</sup> Increase, unless otherwise indicated.

Source: U. S. Department of the Interior, Bureau of Mines.

## 5. Crude petroleum production

State	Amount (in thousands of barrels)			Percent change, 1929-48 <sup>1</sup>
	1929	1939	1948	
United States <sup>2</sup> .....	1,007,323	1,264,962	2,016,282	100.2
Central region.....	18,571	<sup>3</sup> 123,241	<sup>3</sup> 91,549	393.0
Ohio.....	6,743	3,156	3,300	-51.1
Indiana.....	981	1,711	6,710	584.0
Illinois.....	6,319	94,912	64,669	928.4
Michigan.....	4,528	23,462	16,870	272.6

<sup>1</sup> Increase, unless otherwise indicated.<sup>2</sup> Figures for 1929 and 1939 include small amounts produced in Alaska; 1948 figure does not.<sup>3</sup> Omits a small amount produced in Missouri.

Source: U. S. Department of the Interior, Bureau of Mines.

## J. MINERALS—Continued

## 6. Coal production

State	Production by years				Maximum production	
	Amount (in thousands of net tons)			Percent change, 1929-48 <sup>1</sup>	Year	Amount (in thousands of net tons)
	1929	1930	1948			
United States.....	608,716	446,194	650,730	6.9	1947	* 630,624
Central region.....	111,767	90,693	131,338	17.5		
Ohio.....	23,689	20,289	36,104	52.4	1920	45,878
Indiana.....	18,344	16,943	22,500	22.7	1918	30,679
Illinois.....	60,658	46,783	66,500	9.6	1918	89,291
Michigan.....	805	457	14	-98.3	1907	2,036
Iowa.....	4,241	2,948	1,750	-58.7	1917	8,966
Missouri.....	4,030	3,273	4,470	10.9	1917	5,671

<sup>1</sup> Increase, unless otherwise indicated.<sup>2</sup> Bituminous and lignite. Does not include anthracite production.

Source: U. S. Department of the Interior, Bureau of Mines.

## K. INCOME PAYMENTS TO INDIVIDUALS

## 1. Total income payments

State	Amount (in millions of dollars)			Percent change <sup>1</sup>			Percent of United States total		
	1929	1940	1948	1929-40	1940-48	1929-48	1929	1940	1948
United States.....	82,617	75,852	206,011	-8	172	149	100.00	100.00	100.00
Central region.....	24,226	21,664	59,926	-11	177	147	29.32	28.56	29.09
Ohio.....	4,920	4,448	12,136	-10	173	147	5.95	5.86	5.89
Indiana.....	1,877	1,858	5,494	-1	196	193	2.27	2.45	2.67
Illinois.....	7,036	5,740	15,167	-18	164	116	8.52	7.57	7.36
Michigan.....	3,543	3,425	9,223	-3	169	160	4.29	4.51	4.48
Wisconsin.....	1,849	1,622	4,763	-12	194	158	2.24	2.14	2.31
Minnesota.....	1,443	1,424	3,970	-1	179	175	1.75	1.88	1.93
Iowa.....	1,348	1,233	3,895	-9	216	189	1.63	1.63	1.89
Missouri.....	2,210	1,914	5,278	-13	176	139	2.67	2.52	2.66

<sup>1</sup> Increase, unless otherwise indicated.

Source: U. S. Department of Commerce, National Income Division. For definitions of income payments and major components see State Income Payments in 1948, in U. S. Department of Commerce Survey of Current Business, August 1949.

## 2. Per capita income payments

State	Amount (in dollars)			Percent change <sup>1</sup>			Percent of United States average		
	1929	1940	1948	1929-40	1940-48	1929-48	1929	1940	1948
United States.....	\$680	\$575	\$1,410	-15	145	107	100	100	100
Central region.....	720	605	1,534	-16	154	113	106	105	109
Ohio.....	748	643	1,548	-14	141	107	110	112	110
Indiana.....	583	541	1,403	-7	159	141	86	94	100
Illinois.....	932	726	1,817	-22	150	95	137	126	129
Michigan.....	745	649	1,484	-13	129	99	110	113	105
Wisconsin.....	634	516	1,443	-19	180	128	93	90	102
Minnesota.....	566	509	1,353	-10	166	139	83	89	96
Iowa.....	546	485	1,491	-11	207	173	80	84	106
Missouri.....	612	505	1,356	-17	169	122	90	88	96

<sup>1</sup> Increase, unless otherwise indicated.

Source: U. S. Department of Commerce, National Income Division. For definitions of income payments and major components see State Income Payments in 1948, in U. S. Department of Commerce Survey of Current Business, August 1949.



## K. INCOME PAYMENTS TO INDIVIDUALS—Continued

## 3 (a). Components of income payments

[Components as percentage of State total]

State	Total	Agricultural income	Manufacturing pay rolls	Trade and service income	Government income payments	All other
1929						
United States.....	100.0	8.4	19.7	24.4	7.3	40.2
Central region.....	100.0	8.4	24.6	23.9	6.7	36.4
Ohio.....	100.0	5.0	30.7	22.8	6.2	35.3
Indiana.....	100.0	9.9	29.2	20.7	7.6	32.6
Illinois.....	100.0	4.6	22.9	25.6	5.7	41.2
Michigan.....	100.0	3.9	30.9	21.9	8.0	35.3
Wisconsin.....	100.0	12.7	27.0	20.8	7.1	32.4
Minnesota.....	100.0	17.9	13.4	25.6	8.4	34.7
Iowa.....	100.0	30.6	10.5	22.4	7.8	28.7
Missouri.....	100.0	10.2	16.6	29.6	6.6	37.0
1940						
United States.....	100.0	7.2	20.3	25.2	12.4	34.9
Central region.....	100.0	7.8	25.8	24.5	10.8	31.1
Ohio.....	100.0	4.0	30.5	23.6	10.1	31.8
Indiana.....	100.0	7.4	30.7	21.7	10.6	29.6
Illinois.....	100.0	4.6	23.1	26.6	10.5	35.2
Michigan.....	100.0	4.4	38.2	22.3	10.3	24.8
Wisconsin.....	100.0	11.7	26.1	23.2	12.2	26.8
Minnesota.....	100.0	16.9	11.8	26.0	13.5	31.8
Iowa.....	100.0	28.4	10.6	22.6	11.1	27.3
Missouri.....	100.0	9.5	16.6	28.2	10.6	35.1
1948						
United States.....	100.0	10.2	22.4	27.0	13.9	26.5
Central region.....	100.0	12.0	28.2	25.0	11.7	23.1
Ohio.....	100.0	6.0	33.2	24.6	12.3	23.9
Indiana.....	100.0	13.1	31.9	24.0	10.0	21.0
Illinois.....	100.0	8.5	27.2	26.3	12.1	25.9
Michigan.....	100.0	5.2	39.6	23.8	11.5	19.9
Wisconsin.....	100.0	14.3	28.9	24.8	10.6	21.4
Minnesota.....	100.0	23.6	14.3	25.3	12.5	24.3
Iowa.....	100.0	39.7	11.3	20.8	10.0	18.2
Missouri.....	100.0	15.9	18.4	28.3	13.0	24.4

Source: U. S. Department of Commerce, National Income Division. For definitions of income payments and major components see State Income Payments in 1948, in U. S. Department of Commerce Survey of Current Business, August 1949.

## K. INCOME PAYMENTS TO INDIVIDUALS—Continued

3 (b). Components of income payments<sup>1</sup>

[Components as percentage of State total]

State	Agricultural income			Manufacturing pay rolls			Trade and service income			Government income payments			All other		
	1929	1940	1948	1929	1940	1948	1929	1940	1948	1929	1940	1948	1929	1940	1948
United States.....	8.4	7.2	10.2	19.7	20.3	22.4	24.4	25.2	27.0	7.3	12.4	13.9	40.2	34.9	26.5
Central region.....	8.4	7.8	12.0	24.6	25.8	28.2	23.9	24.4	25.0	6.7	10.8	11.7	36.4	31.1	23.1
Ohio.....	5.0	4.0	6.0	30.7	30.5	33.2	22.8	23.6	24.6	6.2	10.1	12.3	35.3	31.8	23.9
Indiana.....	9.9	7.4	13.1	29.2	30.7	31.9	20.7	21.7	24.0	7.6	10.6	10.0	32.6	29.6	21.0
Illinois.....	4.6	4.6	8.5	22.9	23.1	27.2	25.6	26.6	26.3	5.7	10.5	12.1	41.2	35.2	25.9
Michigan.....	3.9	4.4	5.2	30.9	38.2	39.6	21.9	22.3	23.8	8.0	10.3	11.5	35.3	24.8	19.9
Wisconsin.....	12.7	11.7	14.3	27.0	26.1	28.9	20.8	23.2	24.8	7.1	12.2	10.6	32.4	26.8	21.4
Minnesota.....	17.9	16.9	23.6	13.4	11.8	14.3	25.6	26.0	25.3	8.4	13.5	12.5	34.7	31.8	24.3
Iowa.....	30.6	28.4	39.7	10.5	10.6	11.3	22.4	22.6	20.8	7.8	11.1	10.0	28.7	27.3	18.2
Missouri.....	10.2	9.5	15.9	16.6	16.6	18.4	29.6	28.2	28.3	6.6	10.6	13.0	37.0	35.1	24.4

<sup>1</sup> Same data as in Table K 3 (a), rearranged to emphasize year to year change.

Source: U. S. Department of Commerce, National Income Division. For definitions of income payments and major components see State Income Payments in 1948, in U. S. Department of Commerce Survey of Current Business, August 1949.

# L. SELECTED ECONOMIC INDICATORS

## 1. Production of electric energy

Year	United States	Central Region	Ohio	Indiana	Illinois	Michigan	Wisconsin	Minnesota	Iowa	Missouri
Kilowatt-hours (in thousands)										
1920.....	39,404,639	11,421,203	2,750,477	740,024	2,958,476	2,002,627	945,162	563,655	982,250	478,532
1925.....	61,451,091	17,913,598	4,262,144	1,250,269	5,195,548	2,969,500	1,514,501	844,529	1,159,109	717,998
1930.....	91,111,548	25,851,123	5,804,623	2,856,602	6,837,978	4,268,703	2,153,680	1,126,318	1,533,955	1,269,264
1935.....	95,287,390	27,080,519	6,598,507	2,990,258	6,072,556	4,724,783	2,294,237	1,026,117	1,751,940	1,622,121
1940.....	141,837,010	38,949,950	9,147,639	4,846,071	9,321,204	6,950,892	3,118,343	1,783,896	2,177,059	1,604,846
1945.....	222,486,283	59,483,261	14,706,270	7,441,991	14,019,987	9,826,610	4,926,071	2,665,870	2,875,624	3,020,838
1946.....	223,177,783	58,848,861	13,975,586	7,272,923	13,877,956	10,057,874	4,884,489	2,940,811	3,110,680	2,728,542
1947.....	255,738,984	68,863,986	17,378,076	7,987,835	16,232,998	11,801,411	5,478,442	3,493,308	3,389,230	3,097,686
1948.....	282,698,214	75,907,481	19,214,875	8,767,275	18,273,679	12,756,777	6,128,786	3,948,430	3,592,136	3,225,523
Index (1920=100)										
1920.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1925.....	155.9	156.8	155.0	168.9	175.6	148.3	160.2	149.8	118.0	150.0
1930.....	231.2	226.3	211.0	386.0	231.1	213.2	227.9	199.8	156.2	265.2
1935.....	241.8	237.1	239.9	404.1	205.3	235.9	242.7	182.0	178.4	339.0
1940.....	360.0	341.0	332.6	654.9	315.1	347.1	329.9	316.5	221.6	335.4
1945.....	564.6	520.8	534.7	1,005.6	473.9	490.7	521.2	473.0	292.8	631.3
1946.....	566.4	515.3	508.1	982.8	469.1	502.2	516.9	521.7	316.7	570.2
1947.....	649.0	602.9	631.8	1,079.4	548.7	589.3	579.6	620.6	345.0	647.3
1948.....	717.4	664.6	698.6	1,184.7	617.7	637.0	648.4	700.5	365.7	674.0

Source: Federal Power Commission.

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CENTRAL REGION

197

## L. SELECTED ECONOMIC INDICATORS—Continued

## 2. Bank deposits

State	Millions of dollars				Percent of national total			
	1919	1929	1939	1948	1919	1929	1939	1948
United States.....	33,571	53,963	58,344	148,978	100.0	100.0	100.0	100.0
Central region.....	8,351	12,730	12,136	36,594	24.9	23.6	20.8	24.6
Ohio.....	1,625	2,572	2,414	7,061	4.8	4.8	4.1	4.7
Indiana.....	597	837	885	2,946	1.8	1.6	1.5	2.0
Illinois.....	2,074	3,634	3,837	10,636	6.2	6.7	6.6	7.1
Michigan.....	954	1,976	1,495	4,823	2.8	3.7	2.6	3.2
Wisconsin.....	602	921	880	2,838	1.8	1.7	1.5	1.9
Minnesota.....	747	887	866	2,686	2.2	1.6	1.5	1.8
Iowa.....	841	814	613	2,154	2.5	1.5	1.0	1.4
Missouri.....	911	1,089	1,147	3,445	2.7	2.0	2.0	2.3

NOTE.—1919 and 1929 figures as of end of June; 1939 and 1948 as of end of December. The earlier figures are not strictly comparable to those for later years, and are being revised by the Federal Reserve Board.

Source: Board of Governors of the Federal Reserve System.

## 3. Gross postal receipts

State	Amount (in thousands of dollars)			As percent of United States total			Receipts per capita of population		
	1930	1940	1948	1930	1940	1948	1930	1940	1948
United States.....	684,610	726,172	1,327,532	100.0	100.0	100.0	\$5.56	\$5.50	\$9.09
Central region.....	235,854	236,663	409,736	34.5	32.6	30.9	6.93	6.61	10.49
Ohio.....	42,088	41,668	71,452	6.1	5.8	5.4	6.32	6.03	9.11
Indiana.....	15,613	16,810	29,392	2.3	2.3	2.2	4.82	4.89	7.50
Illinois.....	78,757	79,257	133,366	11.5	11.0	10.0	10.30	10.04	15.98
Michigan.....	24,133	26,870	50,142	3.5	3.7	3.8	4.99	5.09	8.07
Wisconsin.....	15,157	15,740	28,570	2.2	2.2	2.2	5.14	5.01	8.66
Minnesota.....	17,614	17,600	29,738	2.6	2.4	2.2	6.84	6.29	10.14
Iowa.....	13,504	12,912	21,754	2.0	1.8	1.6	5.46	5.08	8.33
Missouri.....	28,988	25,806	45,322	4.2	3.6	3.4	7.95	6.80	11.64

NOTE.—Year covered is the fiscal year ending June 30.

Source: Annual reports of the Postmaster General for 1930, 1940, and 1948.

L. SELECTED ECONOMIC INDICATORS—Continued

4. Revenue freight originated, class I steam railways, 1940 and 1948<sup>1</sup>

[In thousands of tons]

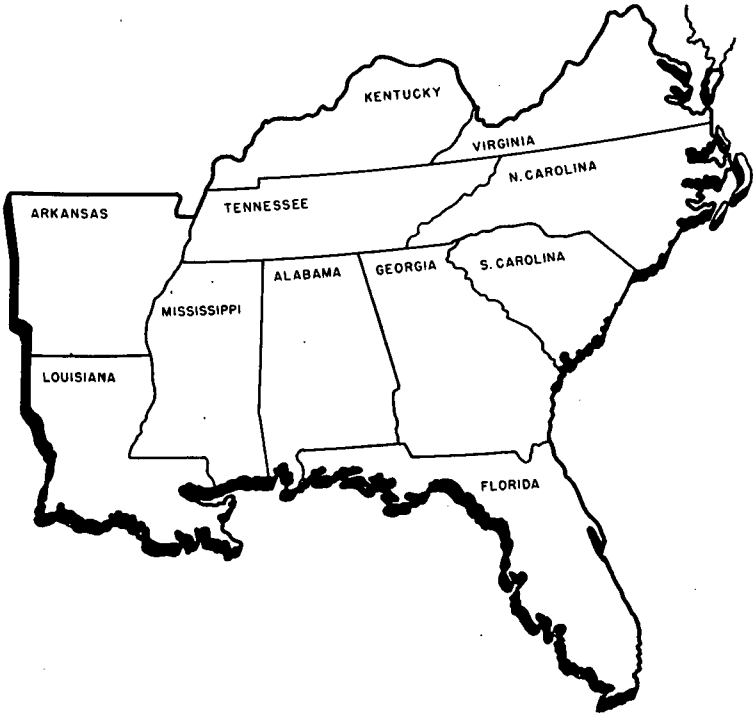
State	Total		Products of agriculture		Animals and products		Products of mines		Products of forests		Manufactures and miscellaneous		Forwarder traffic <sup>2</sup>	
	1940	1948	1940	1948	1940	1948	1940	1948	1940	1948	1940	1948	1940	1948
United States.....	993,569.9	1,486,240.2	88,573.4	144,784.3	15,429.6	16,839.8	569,956.2	845,117.1	58,129.6	85,971.6	261,481.0	389,221.2	2,749.0	4,306.2
Central region.....	311,689.9	446,970.1	33,717.0	51,272.0	8,528.0	8,195.3	166,352.2	240,556.3	6,859.4	8,338.7	96,133.5	136,178.9	1,463.1	2,429.3
Ohio.....	55,900.8	84,050.5	2,879.0	4,402.8	454.7	445.8	24,994.9	39,134.8	186.4	340.7	27,385.7	39,441.4	195.5	285.0
Indiana.....	28,388.6	42,828.4	1,993.8	3,895.7	606.0	514.4	13,593.0	21,460.1	117.5	197.8	12,078.4	16,715.5	3.2	45.0
Illinois.....	77,711.3	113,834.6	9,378.4	13,742.8	2,330.6	2,094.1	39,768.3	60,768.9	507.9	504.3	25,726.1	35,555.7	765.3	1,168.8
Michigan.....	37,788.7	42,315.7	1,320.5	1,974.9	204.6	169.8	21,112.1	20,608.4	2,473.9	2,898.3	12,677.7	16,533.7	146.3	130.6
Wisconsin.....	15,105.0	20,611.8	1,677.1	2,492.3	681.0	669.2	3,786.9	6,273.6	2,407.6	1,698.2	6,552.4	9,435.6	24.5	43.0
Minnesota.....	67,991.6	99,438.0	7,568.1	11,316.6	1,286.0	1,287.2	55,632.0	79,934.4	539.0	1,875.6	2,966.5	4,984.7	8.2	39.5
Iowa.....	12,578.2	15,877.1	4,648.0	5,636.3	2,177.7	1,982.7	2,120.5	3,309.6	40.0	117.4	3,592.1	4,815.0	.7	16.3
Missouri.....	16,125.7	28,014.0	4,252.1	7,810.6	787.4	1,032.1	5,344.5	9,066.5	587.1	706.4	5,154.6	8,697.3	319.4	701.1

<sup>1</sup> Carload lots only. Less than carload lots are not included.

<sup>2</sup> The term "forwarder traffic" means freight traffic consigned by or to a forwarder, i. e., a company, firm, or individual recognized as engaged in the business of collecting and accumulating less-than-carload shipments into consolidated carloads without an ownership in the property so handled.

Source: Interstate Commerce Commission.

# SOUTHEAST



UNITED STATES DEPARTMENT OF LABOR  
BUREAU OF LABOR STATISTICS

## CHAPTER 5. SOUTHEAST

This region includes the following States: Virginia, North Carolina, South Carolina, Georgia, Florida, Kentucky, Tennessee, Alabama, Mississippi, Arkansas, and Louisiana.

### *Area and population*

The area of the Southeast is 17 percent of that of the Nation; the population is 20 percent. The region is therefore more densely settled than the average for the country. Virginia, North Carolina, and Tennessee are the most thickly settled States in the region, Arkansas the least.

More than half the area—a considerably higher percentage than in most parts of the country—is classed as forest land. There is no State in which forest land is less than 45 percent of the total. Farm cropland is next in importance, except in Florida (tables A 1 and 2 and B 1).

The Southeastern States, except North Carolina and Florida, have increased their population less since 1900 than the average for the Nation. Despite a high birth rate, it was only during the thirties, when the depression made migration difficult, that population increased faster in most of these States than in the country as a whole. It was from these States, as well as from the Northwest and the Southwest, that migrants flowed to the northern industrial areas and to the West (tables B 1, 2, and 3).

The Southeastern region had a larger percentage of children in its 1948 population than any other part of the country. Fewer, proportionately, were in the working ages, 18 to 64, and there were fewer over 65 (table B 4).

The region is the most rural in the Nation, with more than two-thirds of the 1940 population living in other than urban areas. This proportion has been going down, however, since 1900 (tables B 5 and 6).

### *Nonagricultural employment*

In most of these States, data on employment trends are available for the manufacturing sector only. Manufacturing is a relatively important component of total nonagricultural employment in 7 of these 11 States—Alabama, Georgia, Mississippi, North Carolina, South Carolina, Tennessee, and Virginia. In these, it constitutes from 33 to 50 percent of total nonfarm employment, as against a national average of 33 percent (table C 1 (a)).

Between 1939 and 1947, manufacturing employment rose substantially in each State, with gains ranging from 14,000 in Florida, to 80,000 in North Carolina (table E 2). The percentage increases ranged from 30 percent in Florida and North Carolina to more than 75 percent in Kentucky. The rises were rather general, but were most pronounced in the textile, apparel, lumber, chemical, and transportation equipment industries.

The rise since 1939 apparently continued the long-term trend since the turn of the century, in which manufacturing employment in this region has grown at a somewhat faster rate than in the rest of the country (table E 3 (b)). North Carolina and Tennessee have been the pace setters in this respect; Arkansas, Florida, and Kentucky, on the other hand, have shown much less relative expansion over this period than other parts of the country.

In the past year, manufacturing employment has fallen somewhat more sharply in this region than in the country as a whole (table C 2). The average for this region in June 1949 was down 11 percent from the June 1948 level, whereas the national average was down 8 percent over the same period.

The weekly earnings of the average factory worker in the three States for which data are available (Florida, North Carolina, and Tennessee) are about \$13 to \$15 less than the national average (table C 4). At least in a large part, this is due to the predominance in this region of the relatively lower-paying nondurable goods industries.

### *Unemployment*

During all of 1947 and 1948, the rate of unemployment, as measured by continued claims for unemployment insurance benefits under State laws, was somewhat less in this region than in the country as a whole (table D 2). However, by mid-1949, this situation had been reversed, with sharp increases occurring in most of the States in the region. As of June 1949, the national rate of 6 percent was exceeded in North Carolina, South Carolina, Kentucky, Tennessee, Alabama, and Mississippi.

The number of persons receiving first payments dropped sharply in 1948, as compared with 1940, in most of the States of this region as it did in the Nation as a whole (table D 1). The estimated average duration of claimants on the rolls amounted to more than 10 weeks in this region, about the same as the national average (table D 4). However, some 42 percent of all those who received at least one payment stayed on the rolls until all their rights were exhausted; the national average was 27 percent. Only Kentucky had an exhaustion rate as low as 32 percent; Louisiana had the highest with 58 percent.

### *Construction*

The construction industry continued at extremely high levels in most of 1949 in the States of this region for which data are available (table F 1). Substantial increases occurred in Georgia and Tennessee, as a result of increased public expenditures; in Florida, on the other hand, the total was down significantly, because of a drop in private residential building with no gains in public outlays.

In 9 of the 14 largest cities in this region, the volume of building construction undertaken in 1949 exceeded the comparable levels of 1948 (table F 2).

The national total of urban building was three times as great, in dollar volume, in 1949 as in 1921. Most of the 14 large cities in this region have matched or exceeded this rate of growth.

Home-building activity in this region was 25 percent greater in 1949 than in 1948 (table F 3). The national total was up 9 percent over the same period.



*Agriculture*

The amount of land in farms declined by 10 to 25 percent between 1910 and 1945 in Virginia, North and South Carolina, Georgia, Kentucky, and Tennessee (table G 1). On the other hand, the total in Florida was 150 percent greater in 1945 than in 1910.

As compared with 1915, the 1949 average value of farm real estate has risen much more sharply in each of these States than it has in the country as a whole (table G 2).

This region in 1948 employed nearly 40 percent of the country's farm personnel—about the same ratio as in all years since the twenties (table C 4).

*Income*

The Southeastern Region, with one-fifth of the Nation's population, received in 1948 only 14 percent of the individual income payments. Its per capita income payments were far below the national average (\$957 in 1948, as compared to \$1,410).

Trade and services were the largest source of payments, but manufacturing pay rolls and Government sources were more important than in 1929, while agriculture had declined noticeably in its share of the total (tables K 1, 2, and 3 (a) and (b)).

*Other economic indicators*

The production of electrical energy has risen much more sharply in this region since 1940 than in the country as a whole (table L 1).

Bank deposits in this region in 1948 were nearly 4 times as great as they were in 1939 (table L 2). This was well above the national rate of growth.

## A. LAND

### 1. Land area and population density \_

State	Land area		Density—Population per square mile				
	Square miles	Percent of United States	1900	1920	1930	1940	1949 <sup>1</sup>
United States.....	2,977,128	100.0	25.5	35.5	41.2	44.2	50.0
Southeast.....	510,885	17.2	35.4	44.7	50.1	55.5	59.6
Virginia.....	39,899	1.3	46.5	57.4	60.7	67.1	77.7
North Carolina.....	49,142	1.7	38.5	52.5	64.5	72.7	78.6
South Carolina.....	30,594	1.0	43.8	55.2	56.8	62.1	65.4
Georgia.....	58,518	2.0	37.9	49.3	49.7	53.4	54.6
Florida.....	54,262	1.8	9.7	17.7	27.1	35.0	46.0
Kentucky.....	40,109	1.3	53.5	60.1	65.2	70.9	72.1
Tennessee.....	41,961	1.4	48.2	56.1	62.4	69.5	77.1
Alabama.....	51,078	1.7	35.8	45.8	51.8	55.5	57.2
Mississippi.....	47,420	1.6	32.7	38.6	42.4	46.1	44.9
Arkansas.....	52,725	1.8	24.9	33.4	35.2	37.0	37.2
Louisiana.....	45,177	1.5	30.6	39.6	46.5	52.3	58.2

<sup>1</sup> Provisional estimate.

Source: U. S. Bureau of the Census.

## A. LAND—Continued

## 2. Land use, 1945

State	Total	Forest land	Crop land in farms	Pasture and range	Other <sup>1</sup>
Acres (in thousands)					
United States.....	1,905,362	623,828	525,111	609,484	146,939
Southeast.....	326,967	183,774	96,148	11,319	35,726
Virginia.....	25,535	14,832	7,962	1,036	1,705
North Carolina.....	31,451	18,400	8,422	909	3,720
South Carolina.....	19,580	10,611	5,530	871	2,568
Georgia.....	37,452	21,432	11,690	732	3,598
Florida.....	34,728	23,478	2,857	2,161	6,232
Kentucky.....	25,670	11,867	11,200	874	1,739
Tennessee.....	26,855	12,165	11,159	1,622	1,909
Alabama.....	32,690	18,878	10,397	621	2,794
Mississippi.....	30,349	15,889	10,703	972	2,785
Arkansas.....	33,744	20,036	10,190	715	2,803
Louisiana.....	28,913	16,196	6,038	806	5,873
Percent in each use					
United States.....	100	32.7	27.6	32.0	7.7
Southeast.....	100	56.2	29.4	3.5	10.9
Virginia.....	100	58.1	31.2	4.0	6.7
North Carolina.....	100	58.5	26.8	2.9	11.8
South Carolina.....	100	54.2	28.2	4.5	13.1
Georgia.....	100	57.2	31.2	2.0	9.6
Florida.....	100	67.6	8.2	6.2	18.0
Kentucky.....	100	46.2	43.6	3.4	6.8
Tennessee.....	100	45.3	41.6	6.0	7.1
Alabama.....	100	57.8	31.8	1.9	8.5
Mississippi.....	100	52.3	35.3	3.2	9.2
Arkansas.....	100	59.4	30.2	2.1	8.3
Louisiana.....	100	56.0	20.9	2.8	20.3
Percent of United States total					
United States.....	100.0	100.0	100.0	100.0	100.0
Southeast.....	17.2	29.5	18.3	1.8	24.3
Virginia.....	1.3	2.4	1.5	.2	1.2
North Carolina.....	1.7	3.0	1.6	.1	2.5
South Carolina.....	1.0	1.7	1.1	.1	1.7
Georgia.....	2.0	3.4	2.2	.1	2.5
Florida.....	1.8	3.8	.6	.4	4.2
Kentucky.....	1.4	1.9	2.1	.1	1.2
Tennessee.....	1.4	2.0	2.1	.3	1.3
Alabama.....	1.7	3.0	2.0	.1	1.9
Mississippi.....	1.6	2.5	2.0	.2	1.9
Arkansas.....	1.8	3.2	1.9	.1	1.9
Louisiana.....	1.5	2.6	1.2	.1	4.0

<sup>1</sup> Farmsteads, roads, urban, waste, etc.

Source: U. S. Department of Agriculture, Forest Service, Basic Forest Statistics for the United States.

## B. POPULATION

## 1. Number

State	1900	1929	1940	1949 <sup>1</sup>
United States	75,995,000	121,770,000	131,954,000	148,720,000
Southeast	18,074,000	25,434,000	28,334,000	30,428,000
Virginia	1,854,000	2,425,000	2,721,000	3,102,000
North Carolina	1,894,000	3,133,000	3,584,000	3,864,000
South Carolina	1,340,000	1,739,000	1,884,000	2,001,000
Georgia	2,216,000	2,903,000	3,108,000	3,196,000
Florida	529,000	1,445,000	1,914,000	2,494,000
Kentucky	2,147,000	2,606,000	2,856,000	2,893,000
Tennessee	2,021,000	2,604,000	2,933,000	3,234,000
Alabama	1,829,000	2,644,000	2,825,000	2,920,000
Mississippi	1,551,000	1,998,000	2,183,000	2,130,000
Arkansas	1,312,000	1,852,000	1,950,000	1,964,000
Louisiana	1,382,000	2,086,000	2,366,000	2,630,000
Percent change <sup>2</sup>				
	1900-1949	1900-1929	1929-40	1940-49 <sup>1</sup>
United States	95.7	60.2	8.4	12.7
Southeast	68.4	40.7	11.4	7.4
Virginia	67.3	30.8	12.2	14.0
North Carolina	104.0	65.4	14.4	7.8
South Carolina	49.3	29.8	8.9	5.6
Georgia	44.2	31.0	7.0	2.8
Florida	371.5	173.2	32.5	30.3
Kentucky	34.7	21.4	9.6	1.3
Tennessee	60.0	28.8	12.6	10.3
Alabama	59.7	44.6	6.8	3.4
Mississippi	37.3	28.8	9.3	-2.4
Arkansas	49.7	41.2	5.3	.7
Louisiana	90.3	50.9	13.4	11.2
Percent of United States total				
	1900	1929	1940	1949 <sup>1</sup>
United States	100.0	100.0	100.0	100.0
Southeast	23.8	20.9	21.5	20.5
Virginia	2.4	2.0	2.1	2.1
North Carolina	2.5	2.6	2.7	2.6
South Carolina	1.8	1.4	1.4	1.3
Georgia	2.9	2.4	2.4	2.1
Florida	.7	1.2	1.5	1.7
Kentucky	2.8	2.1	2.2	1.9
Tennessee	2.7	2.1	2.2	2.2
Alabama	2.4	2.2	2.1	2.0
Mississippi	2.0	1.6	1.7	1.4
Arkansas	1.7	1.5	1.5	1.3
Louisiana	1.8	1.7	1.8	1.8

<sup>1</sup> Provisional estimate.<sup>2</sup> Increase, unless otherwise indicated.

NOTE.—Figures cover total population, including armed forces stationed in the State; 1900, as of June 1; 1929 and later years, as of July 1.

Source: U. S. Bureau of the Census.

## B. POPULATION—Continued

## 2. Estimated migration and natural increase, 1940-48

[In thousands]

State	Net change in civilian population <sup>1</sup>	Natural increase	Net migration <sup>2</sup>	Net loss to armed forces
United States.....	13,888	13,982	+1,328	1,423
Southeast.....	1,591	4,489	-2,643	253
Virginia.....	346	382	-23	12
North Carolina.....	191	625	-399	36
South Carolina.....	64	384	-311	9
Georgia.....	44	506	-447	15
Florida.....	503	242	+293	31
Kentucky.....	-12	375	-362	25
Tennessee.....	254	447	-158	34
Alabama.....	70	480	-386	24
Mississippi.....	-79	360	-418	20
Arkansas.....	-12	316	-307	21
Louisiana.....	222	372	-125	26

<sup>1</sup> Increase, unless otherwise indicated.<sup>2</sup> Net migration, comprises both net immigration from other countries and net interregional or interstate migration. A plus sign (+) indicates net in-migration; a minus sign (-) indicates net out-migration.

Source: U. S. Bureau of the Census, Release P-25, No. 26.

## 3. Estimated net migration, 1930-48

State	1930 population	Net migration <sup>1</sup>			
		1930-40	1940-48	1930-48	
				Number	As percent of 1930 population
United States.....	122,775,046	-46,518	+1,328,000	+1,281,482	1.0
Southeast.....	25,550,898	-636,085	-2,643,000	-3,279,085	12.8
Virginia.....	2,421,851	-3,114	-23,000	-26,114	1.1
North Carolina.....	3,170,276	-98,602	-399,000	-497,602	15.7
South Carolina.....	1,738,765	-125,834	-311,000	-436,834	25.1
Georgia.....	2,908,506	-145,453	-447,000	-592,453	20.4
Florida.....	1,468,211	+312,043	+293,000	+605,043	41.2
Kentucky.....	2,614,589	-114,543	-362,000	-476,543	18.2
Tennessee.....	2,616,556	-29,733	-158,000	-187,733	7.2
Alabama.....	2,646,248	-196,858	-386,000	-582,858	22.0
Mississippi.....	2,009,821	-80,602	-418,000	-498,602	24.8
Arkansas.....	1,854,482	-172,473	-307,000	-479,473	25.9
Louisiana.....	2,101,593	+19,084	-125,000	-105,916	5.0

<sup>1</sup> Net migration comprises both net immigration from other countries and net interregional or interstate migration. A plus sign (+) indicates net in-migration; a minus sign (-) indicates net out-migration.

Source: Basic data from U. S. Bureau of the Census. Computations by the Bureau of Labor Statistics. Note that the estimates are only approximate both as to representativeness and as to comparability.

## B. POPULATION—Continued

## 4. Age groups

State	1930				1940				1948			
	All ages	Under 18	18-64 <sup>1</sup>	65 and over	All ages	Under 18	18-64	65 and over <sup>2</sup>	All ages	Under 18	18-64	65 and over
	Number (in thousands)											
United States.....	122, 775	43, 016	73, 126	6, 634	131, 669	40, 287	82, 363	9, 019	146, 113	45, 292	89, 881	10, 940
Southeast.....	25, 551	10, 588	13, 900	1, 063	28, 262	10, 430	16, 310	1, 522	30, 006	11, 145	17, 086	1, 775
Virginia.....	2, 422	974	1, 332	117	2, 678	933	1, 590	155	3, 051	1, 049	1, 820	182
North Carolina.....	3, 170	1, 421	1, 633	116	3, 572	1, 403	2, 012	157	3, 798	1, 448	2, 163	187
South Carolina.....	1, 739	.797	884	57	1, 900	773	1, 046	81	1, 982	824	1, 064	94
Georgia.....	2, 909	1, 211	1, 584	113	3, 124	1, 150	1, 815	159	3, 167	1, 198	1, 786	183
Florida.....	1, 468	520	877	71	1, 897	576	1, 191	131	2, 430	780	1, 472	178
Kentucky.....	2, 615	1, 046	1, 427	142	2, 846	1, 041	1, 615	189	2, 856	1, 038	1, 619	199
Tennessee.....	2, 617	1, 034	1, 464	119	2, 916	1, 034	1, 710	172	3, 179	1, 151	1, 825	203
Alabama.....	2, 646	1, 131	1, 416	99	2, 833	1, 097	1, 600	136	2, 901	1, 136	1, 609	156
Mississippi.....	2, 010	847	1, 085	77	2, 184	851	1, 217	115	2, 114	846	1, 149	119
Arkansas.....	1, 854	769	1, 010	76	1, 949	728	1, 114	107	1, 937	728	1, 076	133
Louisiana.....	2, 102	837	1, 189	76	2, 364	846	1, 399	119	2, 591	947	1, 503	141
	Percent of total											
United States.....	100.0	35.0	59.6	5.4	100.0	30.6	62.6	6.8	100.0	31.0	61.5	7.5
Southeast.....	100.0	41.4	54.4	4.2	100.0	36.9	57.7	5.4	100.0	37.1	56.9	5.9
Virginia.....	100.0	40.2	55.0	4.8	100.0	34.8	59.4	5.8	100.0	34.4	59.7	6.0
North Carolina.....	100.0	44.8	51.5	3.6	100.0	39.3	56.3	4.4	100.0	38.1	57.0	4.9
South Carolina.....	100.0	45.8	50.9	3.3	100.0	40.7	55.0	4.3	100.0	41.6	53.7	4.7
Georgia.....	100.0	41.6	54.5	3.9	100.0	36.8	58.1	5.1	100.0	37.8	56.4	5.8
Florida.....	100.0	35.4	59.7	4.8	100.0	30.3	62.8	6.9	100.0	32.1	60.6	7.3
Kentucky.....	100.0	40.0	54.6	5.4	100.0	36.6	56.8	6.7	100.0	36.3	56.7	7.0
Tennessee.....	100.0	39.5	55.9	4.5	100.0	35.4	58.7	5.9	100.0	36.2	57.4	6.4
Alabama.....	100.0	42.7	53.5	3.8	100.0	38.7	56.5	4.8	100.0	39.2	55.5	5.4
Mississippi.....	100.0	42.2	54.0	3.9	100.0	39.0	55.7	5.3	100.0	40.0	54.4	5.6
Arkansas.....	100.0	41.5	54.5	4.1	100.0	37.3	57.2	5.5	100.0	37.6	55.5	6.9
Louisiana.....	100.0	39.8	56.6	3.6	100.0	35.8	59.2	5.0	100.0	36.5	58.0	5.4

<sup>1</sup> Figures include a number of persons of unknown age.

<sup>2</sup> 1940 figures for persons aged 65 and over in the United States are believed by Census Bureau to be about 56,000 too high (Census Release P-47, No. 3, p. 8).

NOTE.—Figures cover total population, including armed forces stationed in the State—1930 and 1940 figures as of Apr. 1; 1948, as of July 1.

Sources: U. S. Bureau of the Census. 1930 and 1940 data are decennial census figures. Figures for 1948 are estimates based on the 1940 census, brought up to date by use of data on births, deaths, net immigration, and strength and distribution of the armed forces, and by use of estimates of net internal migration, based on school enrollment data. In the absence of direct information on net interstate migration this factor had to be estimated, and assumptions had to be introduced regarding the migration rate for each age group—assumptions that may apply more exactly to some States than to others. Furthermore, estimates of population become progressively less reliable as the time since the last census increases. These estimates of population should therefore be regarded as only rough approximations.

## B. POPULATION—Continued

## 5. Median age, 1930 and 1940

State	1930	1940	Years' increase
United States.....	26.5	29.0	2.5
Southeast:			
Virginia.....	23.1	25.8	2.7
North Carolina.....	20.4	23.1	2.7
South Carolina.....	19.7	22.2	2.5
Georgia.....	21.9	24.5	2.6
Florida.....	25.8	28.9	3.1
Kentucky.....	23.6	25.4	1.8
Tennessee.....	23.2	25.8	2.6
Alabama.....	21.5	23.8	2.3
Mississippi.....	21.8	23.8	2.0
Arkansas.....	22.2	24.8	2.6
Louisiana.....	23.1	25.5	2.4

Source: 1940 Census of Population, vol. IV.

## 6. Urban, rural, 1900-1940

State	Urban			Rural		
	1900	1930	1940	1900	1930	1940
	Number					
United States.....	30,159,921	68,954,823	74,423,702	45,834,654	53,820,223	57,245,573
Southeast.....	2,760,603	7,616,831	9,082,265	15,313,526	17,934,067	19,179,564
Virginia.....	340,067	785,537	944,675	1,514,117	1,636,314	1,733,098
North Carolina.....	186,790	809,847	974,175	1,707,020	2,360,429	2,597,448
South Carolina.....	171,256	371,080	466,111	1,169,060	1,367,685	1,433,693
Georgia.....	346,382	895,492	1,073,808	1,869,949	2,013,014	2,049,915
Florida.....	107,031	759,778	1,045,791	421,511	708,433	851,623
Kentucky.....	467,668	799,026	849,327	1,679,506	1,815,563	1,996,300
Tennessee.....	326,639	896,538	1,027,206	1,693,977	1,720,018	1,888,635
Alabama.....	216,714	744,273	855,941	1,611,983	1,901,975	1,977,020
Mississippi.....	120,035	338,850	432,882	1,431,235	1,670,971	1,750,914
Arkansas.....	111,733	382,878	431,910	1,199,831	1,471,604	1,517,477
Louisiana.....	366,288	833,532	980,439	1,015,337	1,268,061	1,383,441
	Percent of total population					
United States.....	39.7	56.2	56.5	60.3	43.8	43.5
Southeast.....	15.3	29.8	32.1	84.7	70.2	67.9
Virginia.....	18.3	32.4	35.3	81.7	67.6	64.7
North Carolina.....	9.9	25.5	27.3	90.1	74.5	72.7
South Carolina.....	12.8	21.3	24.5	87.2	78.7	75.5
Georgia.....	15.6	30.8	34.4	84.4	69.2	65.6
Florida.....	20.3	51.7	55.1	79.7	48.3	44.9
Kentucky.....	21.8	30.6	29.8	78.2	69.4	70.2
Tennessee.....	16.2	34.3	35.2	83.8	65.7	64.8
Alabama.....	11.9	28.1	30.2	88.1	71.9	69.8
Mississippi.....	7.7	16.9	19.8	92.3	83.1	80.2
Arkansas.....	8.5	20.6	22.2	91.5	79.4	77.8
Louisiana.....	26.5	39.7	41.5	73.5	60.3	58.5

Source: 1940 Census of Population, vol. I.

## C. EMPLOYMENT

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49

## A. BY YEAR

## VIRGINIA

Year	Total	Manu- factur- ing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	515.0	164.0							
1943.....	758.5	231.9	23.1	54.7	76.3	122.6	17.2	60.3	172.4
1947.....		234.5							
1948.....		235.6							
First half 1948.....		235.8							
First half 1949.....		218.2							
Percent of total									
Average:									
1939.....	100.0	31.8							
1943.....	100.0	30.6	3.0	7.2	10.1	16.2	2.3	7.9	22.7
1947.....									
1948.....									
First half 1948.....									
First half 1949.....									

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented. Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the bench marks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Division of Research and Statistics, Virginia Department of Labor and Industry.



## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## A. BY YEAR—Continued

## NORTH CAROLINA

Year	Total	Manu- factur- ing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	616.0	310.0							
1943.....	798.0	399.9	3.6	35.8	48.3	127.3	13.9	65.2	104.0
1947.....		410.5							
1948.....		414.0							
First half 1948.....		417.6							
First half 1949.....		379.1							
Percent of total									
Average:									
1939.....	100.0	50.3							
1943.....	100.0	50.1	.5	4.5	6.1	16.0	1.7	8.2	13.0
1947.....									
1948.....									
First half 1948.....									
First half 1949.....									

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the bench marks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with North Carolina Department of Labor.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## A. BY YEAR—Continued

## SOUTH CAROLINA

Year	Total	Manu- factur- ing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	292.0	145.0							
1943.....	414.5	191.8	1.1	16.5	23.4	58.6	4.8	30.6	87.7
1947.....		202.1							
1948.....		210.0							
First half, 1948..		210.4							
First half, 1949..		201.2							
Percent of total									
Average:									
1939.....	100.0	49.7							
1943.....	100.0	46.3	0.3	4.0	5.6	14.1	1.2	7.4	21.2
1947.....									
1948.....									
First half, 1948..									
First half, 1949..									

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the bench marks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reason, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## A. BY YEAR—Continued

## GEORGIA

Year	Total	Manu- facturing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	498.0	190.0							
1943.....	733.2	302.9	4.1	34.0	63.8	121.4	16.9	63.8	126.3
1947.....	741.6	273.7	4.2	36.0	71.5	160.2	21.1	72.4	103.1
1948.....	766.1	279.9	4.6	36.0	70.2	167.6	23.3	78.4	106.2
First half, 1948..	757.9	279.8	4.5	35.8	70.0	163.6	22.9	77.0	104.4
First half, 1949..	750.9	262.0	4.4	33.4	67.1	165.6	23.8	80.3	114.3
Percent of total									
Average:									
1939.....	100.0	38.2							
1943.....	100.0	41.3	0.6	4.6	8.7	16.6	2.3	8.7	17.2
1947.....	100.0	36.9	.6	4.9	9.6	21.6	2.8	9.8	13.9
1948.....	100.0	36.5	.6	4.7	9.2	21.9	3.0	10.2	13.9
First half, 1948..	100.0	36.9	.6	4.7	9.2	21.6	3.0	10.2	13.8
First half, 1949..	100.0	34.9	.6	4.4	8.9	22.1	3.2	10.7	15.2

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the benchmarks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Employment Security Agency, Georgia Department of Labor.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## A. BY YEAR—Continued

## FLORIDA

Year	Total	Manu- factur- ing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
	Number (in thousands)								
Average:									
1939.....	361.0	68.3		42.5	62.4	127.8	15.5	66.6	113.7
1943.....	569.0	136.0	4.4	54.0	68.4	177.9	25.9		106.5
1947.....		92.7	5.4						
1948.....		94.9							
First half 1948.....		98.5							
First half 1949.....		92.0							
	Percent of total								
Average:									
1939.....	100.0	18.9		7.5	11.0	22.5	2.7	11.7	20.0
1943.....	100.0	23.9	.8						
1947.....									
1948.....									
First half 1948.....									
First half 1949.....									

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the benchmarks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Unemployment Compensation Division, Florida Industrial Commission.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## A. BY YEAR—Continued

## KENTUCKY

Year	Total	Manu- factur- ing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	372.0	83.4							
1943.....	470.7	131.7	59.8	19.0	52.9	80.5	10.3	42.3	74.2
1947.....		133.1							
1948.....		134.0							
First half 1948.....		133.0							
First half 1949.....		126.1							
Percent of total									
Average:									
1939.....	100.0	22.4							
1943.....	100.0	28.0	12.7	4.0	11.2	17.1	2.2	9.0	15.8
1947.....	100.0								
1948.....	100.0								
First half 1948.....									
First half 1949.....									

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the benchmarks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Kentucky Department of Economic Security.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## A. BY YEAR—Continued

## TENNESSEE

Year	Total	Manu- factur- ing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	447.0	162.0							
1943.....	668.7	255.9	14.6	52.6	55.9	119.9	13.9	62.0	94.0
1947.....	695.5	250.4	13.5	39.7	59.0	148.0	23.9	69.2	91.9
1948.....	742.0	256.4	14.8	48.1	60.9	163.0	26.0	74.4	98.4
First half 1948...	732.1	257.5	14.3	44.2	59.9	159.2	26.1	73.9	97.0
First half 1949...	716.7	232.6	14.2	50.6	59.5	161.6	24.6	73.9	99.7
Percent of total									
Average:									
1939.....	100.0	36.2							
1943.....	100.0	38.3	2.2	7.9	8.4	17.9	2.1	9.3	14.1
1947.....	100.0	36.0	1.9	5.7	8.5	21.3	3.4	9.9	13.2
1948.....	100.0	34.6	2.0	6.5	8.2	22.0	3.5	10.0	13.3
First half 1948...	100.0	35.2	2.0	6.0	8.2	21.7	3.6	10.1	13.2
First half 1949...	100.0	32.5	-2.0	7.1	8.3	22.5	3.4	10.3	13.9

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the benchmarks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Tennessee Department of Employment Security.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## A. BY YEAR—Continued

## ALABAMA

Year	Total	Manu- factur- ing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	389.0	145.0							
1943.....	622.2	258.5	36.1	25.4	57.5	86.0	10.8	44.4	103.5
1947.....		224.1	32.2						
1948.....		226.9	32.3						92.7
First half 1948.....		228.4	32.5						92.1
First half 1949.....		211.6	29.8						95.1
Percent of total									
Average:									
1939.....	100.0	37.3							
1943.....	100.0	41.5	5.8	4.1	9.2	13.8	1.7	7.1	16.6
1947.....									
1948.....									
First half 1948.....									
First half 1949.....									

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the benchmarks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Alabama Department of Industrial Relations.

## C. EMPLOYMENT—Continued

1. *Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued*

## A. BY YEAR—Continued

## MISSISSIPPI

Year	Total	Manu- factur- ing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	205.0	58.8							
1943.....	283.1	95.1	1.6	15.7	24.5	49.1	4.6	25.4	67.1
1947.....		91.9							
1948.....		90.0							
First half 1948.....		91.2							
First half 1949.....		78.8							
Percent of total									
Average:									
1939.....	100.0	28.7							
1943.....	100.0	33.6	.6	5.5	8.7	17.3	1.6	9.0	23.7
1947.....									
1948.....									
First half 1948.....									
First half 1949.....									

NOTE.—Data include all full time and part time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented. Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the bench marks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics in cooperation with Mississippi Employment Security Commission.



## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## A. BY YEAR—Continued

## ARKANSAS

Year	Total	Manu- factur- ing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:	193.0	47.9							
1939.....	277.2	76.7	11.0	18.9	29.0	51.7	5.1	28.8	56.1
1947.....	283.1	75.1	8.0	15.9	30.1	66.8	6.5	32.7	47.9
1948.....	290.8	77.0	8.1	16.8	31.1	68.6	7.2	33.9	48.1
First half 1948....	283.7	74.2	8.0	16.2	30.3	66.7	7.1	33.4	47.7
First half 1949....	279.4	69.8	7.0	13.9	30.4	67.5	7.2	33.7	49.9
Percent of total									
Average:	100.0	24.8							
1939.....	100.0	27.7	4.0	6.8	10.5	18.7	1.8	10.4	20.2
1947.....	100.0	26.5	2.8	5.6	10.6	23.6	2.3	11.6	16.9
1948.....	100.0	26.5	2.8	5.8	10.7	23.6	2.5	11.7	16.5
First half 1948....	100.0	26.2	2.8	5.7	10.7	23.5	2.5	11.8	16.8
First half 1949....	100.0	25.1	2.5	4.8	10.9	24.2	2.6	12.1	17.9

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the bench marks to which the series have been adjusted, the sum of the State series may differ from the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Employment Security Division, Arkansas Department of Labor.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## A. BY YEAR—Continued

## LOUISIANA

Year	Total	Manu- factur- ing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	378.0	99.2							
1943.....	558.4	166.1	15.0	49.4	64.8	102.1	12.4	51.3	97.3
1947.....		151.0							
1948.....		151.6							
First half, 1948.....		149.6							
First half, 1949.....		135.3							
Percent of total									
Average:									
1939.....	100.0	26.2							
1943.....	100.0	29.7	2.7	8.8	11.6	18.3	2.2	9.2	17.4
1947.....									
1948.....									
First half, 1948.....									
First half, 1949.....									

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for the State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the bench marks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Division of Employment Security, Louisiana Department of Labor.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## B. BY MONTH

[In thousands]

## VIRGINIA

Month	Total	Manu- factur- ing	Mining	Con- struc- tion	Trans- porta- tion and public utilities	Trade	Fi- nance, insur- ance, and real estate	Service	Gov- ern- ment
1948									
January		237.0							
February		236.8							
March		237.6							
April		235.5							
May		233.6							
June		234.5							
July		232.6							
August		235.1							
September		239.0							
October		237.2							
November		230.6							
December		235.6							
1949									
January		225.8							
February		223.5							
March		221.2							
April		215.3							
May		211.7							
June		211.9							
July		208.0							
August		213.5							
September		218.7							
October		220.9							
November		219.4							
December		218.5							

## NORTH CAROLINA

1948									
January		422.8							
February		418.8							
March		421.1							
April		415.5							
May		414.0							
June		413.5							
July		391.5							
August		421.5							
September		421.8							
October		415.8							
November		407.9							
December		402.9							
1949									
January		394.3							
February		392.3							
March		381.8							
April		374.1							
May		366.6							
June		365.8							
July		360.2							
August		382.2							
September		384.4							
October		389.3							
November		399.1							
December		400.8							

For note and source see table C 1A.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## B. BY MONTH—Continued

[In thousands]

## SOUTH CAROLINA

Month	Total	Manu- facturing	Mining	Con- struction	Trans- porta- tion and public utilities	Trade	Fi- nance, insur- ance, and real estate	Service	Gov- ernment
<b>1948</b>									
January.....		209.4							
February.....		207.9							
March.....		210.8							
April.....		211.5							
May.....		211.2							
June.....		211.5							
July.....		208.2							
August.....		212.7							
September.....		211.5							
October.....		208.7							
November.....		208.7							
December.....		208.1							
<b>1949</b>									
January.....		206.2							
February.....		204.6							
March.....		202.8							
April.....		200.4							
May.....		196.5							
June.....		196.6							
July.....		194.8							
August.....		199.0							
September.....		199.9							
October.....		201.8							
November.....		200.5							
December.....		200.8							

## GEORGIA

<b>1948</b>									
January.....	753.0	282.0	4.5	35.0	69.7	161.2	22.4	75.5	102.8
February.....	748.4	281.2	4.5	33.0	70.1	159.4	21.5	75.5	103.2
March.....	758.6	282.4	4.5	35.7	70.0	162.2	23.1	76.0	104.6
April.....	759.3	278.0	4.7	35.8	69.0	165.2	23.3	78.0	105.4
May.....	762.1	276.8	4.5	36.8	69.6	167.3	23.5	77.9	105.7
June.....	766.0	278.3	4.5	38.2	71.3	166.5	23.7	78.9	104.5
July.....	760.2	275.7	4.5	37.8	69.9	166.9	23.7	78.8	102.9
August.....	771.4	282.7	4.6	30.0	70.6	167.6	23.9	79.0	103.9
September.....	777.8	284.5	4.6	37.1	70.2	170.1	23.9	79.8	107.5
October.....	778.4	282.0	4.6	36.2	70.4	172.0	23.4	80.4	108.6
November.....	777.8	280.4	4.5	34.9	70.5	173.8	23.7	80.1	109.9
December.....	780.8	274.3	4.6	32.8	70.9	178.8	23.3	80.4	115.7
<b>1949</b>									
January.....	756.7	268.6	4.5	33.1	68.0	164.9	23.5	80.1	114.0
February.....	754.3	268.4	4.4	32.5	68.0	163.4	23.6	80.3	113.7
March.....	753.3	266.9	4.4	32.5	66.9	164.4	23.6	80.4	114.2
April.....	751.2	261.2	4.4	32.6	67.0	167.5	24.1	80.0	114.4
May.....	748.5	256.0	4.4	34.9	66.1	167.6	24.1	80.2	115.2
June.....	741.5	250.6	4.4	34.9	66.7	165.9	24.0	80.6	114.4
July.....	740.8	249.6	4.4	36.6	65.3	168.0	24.0	80.2	112.7
August.....	749.7	258.1	4.4	37.1	64.9	168.0	24.0	79.5	113.7
September.....	761.9	264.3	4.4	37.9	65.0	170.5	23.9	79.3	116.6
October.....	764.4	267.6	4.4	38.7	65.5	169.5	23.9	78.8	116.0
November.....	762.6	268.9	4.5	37.8	65.4	169.7	23.9	78.4	114.0
December.....	762.7	266.9	4.4	34.5	65.0	172.7	24.0	77.7	117.8

For note and source see table C 1A.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## B. BY MONTH—Continued

[In thousands]

## FLORIDA

Month	Total	Manu- factur- ing	Mining	Con- struc- tion	Trans- porta- tion and public utilities	Trade	Fi- nance, insur- ance, and real estate	Service	Gov- ernment
1948									
January		103.9							
February		104.0							
March		101.3							
April		94.6							
May		94.4							
June		90.4							
July		87.5							
August		86.8							
September		88.3							
October		88.7							
November		97.1							
December		99.2							
1949									
January		98.3							
February		99.0							
March		95.9							
April		89.8							
May		87.2							
June		81.9							
July		79.8							
August		81.1							
September		82.9							
October		83.9							
November		88.0							
December		93.1							

## KENTUCKY

1948									
January		132.7							
February		132.8							
March		133.4							
April		131.7							
May		133.1							
June		134.1							
July		134.0							
August		135.1							
September		135.6							
October		137.5							
November		136.1							
December		132.1							
1949									
January		128.3							
February		128.9							
March		127.6							
April		128.9							
May		122.4							
June		122.7							
July		125.2							
August		125.1							
September		128.3							
October		124.3							
November		121.1							
December									

For note and source see table C 1A.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## B. BY MONTH—Continued

[In thousands]

## TENNESSEE

Month	Total	Manu- factur- ing	Mining	Con- struc- tion	Trans- porta- tion and public utilities	Trade	Fi- nance, insur- ance, and real estate	Service	Gov- ern- ment
1948									
January.....	719.8	255.5	13.9	40.9	59.6	156.6	24.9	72.3	66.2
February.....	721.1	256.3	13.9	40.7	59.7	156.6	25.3	72.4	66.1
March.....	733.6	260.0	14.1	42.0	60.2	160.6	26.0	73.5	67.0
April.....	733.0	257.9	13.7	44.3	59.2	160.1	26.5	74.0	67.3
May.....	740.9	258.5	14.8	47.2	59.8	160.6	26.9	75.0	68.0
June.....	744.3	256.9	15.2	49.8	61.0	160.5	27.1	76.1	67.7
July.....	744.6	256.9	15.3	52.0	61.2	159.7	26.5	76.0	66.9
August.....	755.8	260.4	15.7	53.7	61.8	163.0	26.5	76.5	68.3
September.....	757.4	258.0	15.6	53.9	61.7	165.6	26.1	75.4	101.1
October.....	753.7	258.0	15.2	52.2	62.6	165.7	25.6	74.0	100.4
November.....	749.5	252.1	15.0	51.4	62.3	170.2	25.3	74.0	99.2
December.....	750.9	246.6	14.9	48.7	62.4	177.0	25.1	73.3	102.9
1949									
January.....	721.5	237.0	14.7	47.4	60.6	163.8	25.0	73.0	100.0
February.....	714.3	237.4	14.5	44.5	59.8	160.9	24.7	72.8	99.7
March.....	714.4	234.3	13.7	49.1	59.0	161.0	24.4	73.1	99.8
April.....	718.3	231.2	14.3	53.0	59.0	162.5	24.3	74.1	99.9
May.....	716.5	228.5	14.5	53.9	59.3	161.3	24.5	74.7	99.8
June.....	714.4	227.0	13.7	55.5	58.9	160.3	24.5	75.3	99.2
July.....	711.7	228.9	13.8	54.4	56.9	159.5	24.5	75.7	98.0
August.....	715.1	231.3	13.9	53.6	57.9	159.5	24.5	75.2	99.2
September.....	720.6	232.6	12.3	54.0	58.3	162.6	24.2	74.9	101.7
October.....	716.6	236.7	9.2	51.2	57.7	162.4	24.1	73.9	101.4
November.....	713.6	228.9	13.5	49.8	57.8	164.6	24.0	73.7	101.3
December.....	726.4	231.2	13.8	47.2	56.9	174.7	24.0	73.6	105.0

## ALABAMA

1948									
January.....		232.5	33.5						91.2
February.....		229.7	33.3						91.4
March.....		230.3	33.4						92.5
April.....		225.6	28.4						93.1
May.....		226.0	33.0						93.0
June.....		226.1	33.4						91.4
July.....		227.3	32.4						89.6
August.....		226.5	32.7						90.3
September.....		224.9	32.4						93.6
October.....		226.6	32.0						94.4
November.....		226.0	31.1						94.5
December.....		221.8	31.6						97.8
1949									
January.....		220.1	31.5						95.4
February.....		218.1	31.0						94.9
March.....		216.0	29.7						95.1
April.....		209.3	29.6						94.9
May.....		204.9	29.3						95.5
June.....		201.2	27.8						94.6
July.....		197.7	27.1						93.1
August.....		203.2	27.4						94.5
September.....		206.8	27.5						96.1
October.....		184.9	7.2						95.9
November.....		193.3	17.8						94.8
December.....		209.2	25.8						97.6

For note and source see table C 1A.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## B. BY MONTH—Continued.

[In thousands]

## MISSISSIPPI

Month	Total	Manu- factur- ing	Mining	Con- struc- tion	Trans- porta- tion and public utili- ties	Trade	Fi- nance, insur- ance, and real estate	Service	Gov- ernment
1948									
January		92.4							
February		90.1							
March		91.7							
April		90.8							
May		90.6							
June		91.6							
July		92.1							
August		92.0							
September		90.2							
October		87.0							
November		86.1							
December		85.6							
1949									
January		81.9							
February		80.6							
March		81.0							
April		78.1							
May		76.1							
June		75.0							
July		72.2							
August		72.2							
September		76.4							
October		77.9							
November		78.5							
December		78.9							

## ARKANSAS

Month	Total	Manu- factur- ing	Mining	Con- struc- tion	Trans- porta- tion and public utili- ties	Trade	Fi- nance, insur- ance, and real estate	Service	Gov- ernment
1948									
January	278.3	72.0	8.3	14.7	30.4	65.5	6.9	32.7	47.8
February	272.9	70.0	8.0	13.7	29.9	64.5	6.9	32.3	47.6
March	280.7	73.3	7.9	15.3	30.0	65.9	6.9	33.4	48.0
April	285.5	75.0	7.3	16.7	30.5	67.3	7.1	33.6	48.0
May	290.6	77.0	8.1	18.1	30.4	68.0	7.1	33.9	47.9
June	294.0	77.9	8.4	18.9	30.6	69.1	7.6	34.6	46.9
July	294.1	80.5	8.3	18.3	31.0	68.2	7.5	34.4	45.9
August	297.7	82.9	8.4	18.6	31.0	68.5	7.6	34.4	46.3
September	300.4	82.0	8.2	18.0	32.0	69.7	7.4	34.6	48.5
October	297.2	79.4	8.2	16.0	32.5	70.5	7.2	34.1	49.2
November	296.3	77.6	8.0	16.4	32.7	71.0	7.2	34.0	49.4
December	301.7	76.1	7.9	16.4	32.7	75.1	7.2	34.4	51.9
1949									
January	281.9	72.3	7.5	13.9	31.4	66.5	7.2	33.0	50.1
February	277.0	68.7	7.5	13.5	30.6	66.5	7.1	33.2	49.9
March	279.9	69.8	7.3	13.4	30.3	67.9	7.2	34.0	50.0
April	280.9	70.4	6.5	13.9	30.2	68.9	7.1	34.0	49.9
May	279.1	69.3	5.9	14.5	30.0	68.1	7.2	34.1	50.0
June	277.5	68.4	7.0	14.4	30.1	67.3	7.3	33.7	49.3
July	274.5	67.9	5.9	13.9	30.3	67.5	7.3	33.2	48.4
August	281.8	68.9	6.7	18.0	30.6	67.1	7.3	34.3	48.9
September	276.8	68.5	6.5	16.7	23.9	68.9	7.3	34.5	50.5
October	283.0	69.6	5.6	15.3	30.6	69.6	7.2	34.7	50.4
November	285.0	69.7	6.7	15.7	31.4	70.0	7.4	34.6	49.5
December	289.0	68.1	6.6	14.4	31.3	74.7	7.4	34.8	51.7

For note and source see table C 1A.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## B. BY MONTH—Continued

[In thousands]

## LOUISIANA

Month	Total	Manu- factur- ing	Mining	Con- struc- tion	Trans- porta- tion and public utili- ties	Trade	Fi- nance, insur- ance, and real estate	Service	Gov- ernment
1948									
January.....		152.5							
February.....		144.7							
March.....		148.6							
April.....		150.7							
May.....		150.7							
June.....		151.6							
July.....		151.6							
August.....		154.1							
September.....		152.2							
October.....		151.7							
November.....		156.7							
December.....		154.4							
1949									
January.....		146.2							
February.....		138.1							
March.....		136.5							
April.....		134.1							
May.....		133.8							
June.....		133.2							
July.....		132.1							
August.....		137.1							
September.....		136.2							
October.....		136.7							
November.....		140.6							
December.....		139.1							

For note and source see table C 1A.



C. EMPLOYMENT—Continued

2. Employees in manufacturing establishments, in selected months, 1947-49

[In thousands]

REGIONAL TOTALS

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing <sup>1</sup> .....	2,165.6	2,190.5	2,033.8	2,087.6	2,166.4	1,934.3	2,164.9	2,186.2	2,009.3	2,192.1	2,131.7	.....
	Percent change											
	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49		
All manufacturing.....	1.1	-7.2	3.8	-10.7	1.0	-8.1	-2.8	.....				

<sup>1</sup> No break-down of manufacturing is available.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with State agencies.

## C. EMPLOYMENT—Continued

## 2. Employees in manufacturing establishments, in selected months, 1947-49—Continued

## VIRGINIA

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
	All manufacturing <sup>1</sup> .....	233.3	237.6	221.2	230.1	234.5	211.9	236.9	237.3	218.9	239.0	230.6
Durable goods.....	80.0	82.3	76.1	80.1	79.8	71.0	81.4	78.2	-----	82.1	79.1	-----
Nondurable goods.....	153.3	155.3	145.1	150.0	154.7	140.9	155.5	159.1	-----	156.9	151.5	-----
Percent change												
	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49		
	All manufacturing.....	1.8	-6.9	1.9	-9.6	0.2	-7.8	-3.5	-5.2			
Durable goods.....	2.9	-7.5	-4	-11.0	-3.9	-----	-3.7	-----				
Nondurable goods.....	1.3	-6.6	3.1	-8.9	2.3	-----	-3.4	-----				

<sup>1</sup> Detailed industry data in process of preparation: consult the sources cited.  
Series based on the 1942 Social Security Board Classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with  
Division of Research and Statistics, Virginia Department of Labor and Industry.

NORTH CAROLINA

[In thousands]

98524-50-16

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing.....	410.4	421.1	381.8	397.4	413.5	365.8	417.1	421.8	394.4	422.8	402.9	400.8
Durable goods.....	96.2	101.3	89.1	87.6	98.5	86.0	96.8	96.7	-----	99.9	91.7	-----
Nondurable goods.....	314.2	319.8	292.7	299.8	315.1	279.9	320.4	325.1	-----	322.9	308.4	-----
Lumber and wood products.....	43.7	43.7	37.6	45.5	42.9	37.1	42.8	41.9	-----	43.1	40.4	-----
Furniture and fixtures.....	29.7	33.3	29.9	29.1	32.1	28.6	30.5	32.5	-----	32.3	31.7	-----
Stone, clay, and glass products.....	6.2	6.7	6.0	6.3	6.6	5.8	6.5	6.0	-----	6.7	6.2	-----
Primary metal industries.....	2.4	2.3	2.2	2.2	2.4	2.1	2.2	2.3	-----	2.4	2.3	-----
Fabricated metal products.....	2.3	2.3	2.3	2.1	2.2	2.3	2.1	2.3	-----	2.3	2.4	-----
Machinery (except electrical).....	4.8	4.9	4.8	4.7	4.9	4.5	4.7	4.7	-----	4.9	4.9	-----
Other durable goods <sup>1</sup> .....	7.2	8.1	6.3	7.7	7.5	5.6	7.9	7.0	-----	8.3	6.7	-----
Food and kindred products.....	17.5	18.1	17.9	19.3	19.7	19.6	20.3	19.8	-----	18.5	18.3	-----
Tobacco manufactures.....	28.2	26.2	24.4	26.3	24.4	23.4	42.2	40.1	-----	33.6	28.9	-----
Textile-mill products.....	229.0	234.4	209.8	217.6	231.8	199.1	220.5	228.1	-----	230.4	221.2	-----
Apparel and other finished textile products.....	11.3	12.7	12.6	10.4	12.5	12.6	11.5	11.8	-----	12.5	12.0	-----
Paper and allied products.....	8.1	8.0	7.7	8.0	8.0	7.5	7.9	7.7	-----	7.9	7.9	-----
Printing, publishing, and allied industries.....	5.3	5.7	6.0	5.5	5.9	6.1	5.5	6.0	-----	5.6	5.9	-----
Chemicals and allied products.....	10.9	10.7	10.7	9.0	9.0	8.3	9.2	9.9	-----	10.6	10.4	-----
Other nondurable goods <sup>2</sup> .....	3.9	4.0	3.7	3.7	3.7	3.4	3.4	3.7	-----	3.8	3.7	-----
Percent change												
	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49		
All manufacturing.....	2.6	-9.3	4.1	-11.5	1.1	-6.5	-4.7	-0.5				
Durable goods.....	5.3	-12.0	.9	-12.7	-.1	-----	-5.2	-----				
Nondurable goods.....	1.8	-8.5	5.1	-11.2	1.5	-----	-4.5	-----				

<sup>1</sup> Includes electrical machinery, transportation equipment, and professional and scientific instruments, etc.  
<sup>2</sup> Includes rubber products, leather and leather products, and miscellaneous manufacturing industries.

Series based on the 1945 Standard Industrial Classification.  
 Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with North Carolina Department of Labor.

SOUTHEAST

## C. EMPLOYMENT—Continued

## 2. Employees in manufacturing establishments, in selected months, 1947-49—Continued

## SOUTH CAROLINA

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing <sup>1</sup> .....	202.3	210.8	202.8	200.3	211.5	196.6	203.1	211.5	199.9	207.1	208.1	200.8
	Percent change											
	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49		
All manufacturing.....	4.2	-3.8	5.6	-7.0	4.1	-5.5	0.5	-3.5				

<sup>1</sup> Detailed industry data in process of preparation: Consult the sources cited.Series based on the 1945 Standard Industrial Classification.  
Source: U. S. Department of Labor, Bureau of Labor Statistics.

GEORGIA

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
	All manufacturing <sup>1</sup> .....	273.5	282.4	266.9	262.7	278.3	250.6	281.1	284.5	264.3	280.0	274.3
Durable goods.....	81.8	79.3	74.4	78.3	77.7	72.3	78.0	76.7	-----	77.4	77.6	-----
Nondurable goods.....	191.7	203.1	192.5	184.5	200.6	178.3	203.1	207.8	-----	203.1	196.7	-----
Percent change												
	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49		
	All manufacturing.....	3.3	-5.5	5.9	-10.0	1.2	-7.1	-2.0	-2.7			
Durable goods.....	-3.1	-6.2	-.8	-6.9	-1.7	-----	.3	-----				
Nondurable goods.....	5.9	-5.2	8.7	-11.1	2.3	-----	-3.2	-----				

<sup>1</sup> Detailed industry data in process of preparation: consult the sources cited.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Employment Security Agency, Georgia Department of Labor.

## C. EMPLOYMENT—Continued

## 2. Employees in manufacturing establishments, in selected months, 1947-49—Continued

## FLORIDA

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing <sup>1</sup> .....	100.0	101.3	95.9	88.1	90.4	81.9	86.5	88.3	82.9	98.6	99.2	93.1
Durable goods.....	40.2	39.3	35.2	38.1	37.4	31.8	37.5	36.2	-----	40.0	37.6	-----
Nondurable goods.....	59.8	62.0	60.7	50.0	53.0	50.1	49.0	52.1	-----	58.6	61.6	-----
Percent change												
	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49		
All manufacturing.....	1.3	-5.3	2.6	-9.4	2.1	-6.1	0.6	-6.1				
Durable goods.....	-2.2	-10.4	-1.8	-15.0	-3.5	-----	-6.0	-----				
Nondurable goods.....	3.7	-2.1	6.0	-5.5	6.3	-----	5.1	-----				

<sup>1</sup> Detailed industry data in process of preparation: consult the sources cited. Series based on the 1945 Standard Industrial Classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Unemployment Compensation Division, Florida Industrial Commission.

KENTUCKY

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing <sup>1</sup> .....	135.3	133.4	127.6	131.2	134.1	122.7	134.6	135.5	128.3	134.8	132.1	.....
	Percent change											
	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49		
All manufacturing.....	-1.4	-4.3	2.2	-8.5	0.7	-5.3	-2.0	.....				

<sup>1</sup> Detailed industry data in process of preparation: consult the sources cited.

Source: U. S. Department of Labor, Bureau of Labor Statistics. Series based on the 1945 Standard Industrial Classification.

## C. EMPLOYMENT—Continued

## 2. Employees in manufacturing establishments, in selected months, 1947-49—Continued

## TENNESSEE

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
	All manufacturing	250.5	260.0	234.3	245.0	256.9	227.0	252.6	258.0	232.6	254.7	246.6
Durable goods	91.3	95.5	81.4	91.7	92.8	78.3	93.8	93.0		94.3	89.6	
Nondurable goods	159.2	164.5	152.9	153.3	164.1	148.7	158.8	165.0		160.4	157.0	
Ordnance and accessories; fabricated metal products	14.9	15.7	13.2	14.9	15.5	12.2	15.5	16.1		15.9	15.1	
Lumber and wood products	27.5	28.3	22.7	28.4	28.0	22.5	29.1	26.9		28.3	25.2	
Furniture and fixtures	8.6	9.7	7.6	8.3	8.5	7.7	9.7	9.5		10.1	8.4	
Stone, clay, and glass products	9.1	9.7	9.1	9.3	9.5	8.7	9.4	9.4		9.6	9.3	
Primary metal industries	17.0	16.6	14.6	16.2	16.1	13.6	15.9	15.4		16.1	15.6	
Machinery (except electrical)	4.8	5.1	5.2	4.9	5.1	4.9	4.8	5.2		5.0	5.3	
Electrical machinery	1.4	2.5	2.5	1.7	2.2	2.4	1.6	2.7		2.0	2.9	
Transportation equipment	5.7	6.0	4.9	6.0	5.9	4.7	6.0	6.0		5.6	5.9	
Instruments and related products	2.3	2.0	1.7	2.0	1.9	1.5	1.8	1.8		1.6	1.8	
Food and kindred products	22.4	22.4	23.3	23.0	24.2	25.0	24.3	27.5		23.4	23.9	
Tobacco manufactures	1.9	2.0	1.8	1.8	2.0	1.8	2.0	2.0		2.3	2.2	
Textile-mill products	39.3	40.3	31.8	35.9	39.1	31.4	37.2	35.2		38.9	32.4	
Apparel and other finished textile products	20.3	20.5	19.8	19.3	20.9	19.5	20.5	21.0		19.8	19.9	
Paper and allied products	4.4	4.8	5.0	4.3	4.8	4.9	4.5	5.1		4.7	5.1	
Printing, publishing, and allied industries	10.0	10.6	10.6	10.3	10.4	10.7	10.5	10.6		10.6	10.6	
Chemicals and allied products	38.9	39.8	39.2	36.7	39.5	35.9	37.7	41.4		37.6	41.3	
Products of petroleum and coal	.6	.6	.5	.6	.6	.5	.6	.6		.6	.5	
Rubber products	6.5	6.3	5.7	6.2	6.1	4.9	6.2	6.1		6.2	5.9	
Leather and leather products	11.8	14.2	12.6	12.2	13.3	11.8	12.6	12.8		13.1	12.7	
Miscellaneous manufacturing industries	3.1	3.1	2.5	3.0	3.0	2.4	2.8	2.8		3.1	2.6	
	Percent change											
	March			June			September			December		
	1947-48	1948-49		1947-48	1948-49		1947-48	1948-49		1947-48	1948-49	
All manufacturing	3.8	-9.9		4.9	-11.6		2.1	-9.8		-3.2	-6.2	
Durable goods	4.6	-14.8		1.2	-15.6		-9			-5.0		
Nondurable goods	3.3	-7.1		7.0	-9.4		3.9			-2.1		

Series based on the 1945 Standard Industrial Classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Tennessee Department of Employment Security.



ALABAMA

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing.....	225.0	230.3	216.0	220.0	226.1	201.2	225.4	224.9	206.8	230.9	221.8	-----
Durable goods.....	124.8	126.9	116.6	122.7	124.2	108.7	126.1	121.4	108.4	128.5	120.5	-----
Nondurable goods.....	100.2	103.4	99.4	97.3	101.9	92.5	99.3	103.5	98.4	102.4	101.3	-----
Lumber and wood products.....	45.6	46.2	40.2	44.1	45.7	39.8	46.9	43.9	40.4	47.4	42.3	-----
Stone, clay, and glass products.....	6.5	7.2	7.1	6.7	7.3	6.9	7.1	7.2	7.2	7.3	7.4	-----
Primary metal industries.....	45.2	45.7	46.7	45.0	46.3	42.0	45.3	47.8	43.9	45.2	47.6	-----
Fabricated metal products.....	7.6	7.0	5.9	7.6	6.6	5.7	7.9	7.3	6.2	7.8	7.0	-----
Machinery.....	4.7	4.1	5.0	4.5	4.4	4.9	4.3	4.7	4.2	4.2	4.9	-----
Transportation equipment.....	13.1	14.4	9.6	13.0	11.9	7.4	12.6	8.4	4.7	14.1	9.0	-----
Other durable goods <sup>1</sup> .....	2.1	2.3	2.1	1.9	2.0	2.0	2.0	2.1	2.0	2.4	2.3	-----
Food and kindred products.....	12.2	13.4	13.0	13.4	15.4	13.2	14.3	14.0	15.6	13.1	12.8	-----
Textile-mill products.....	56.2	56.2	51.8	52.6	55.3	47.4	52.3	54.1	49.2	55.3	53.4	-----
Apparel and other finished textile products.....	7.0	8.3	8.8	7.1	8.9	7.8	7.7	9.0	8.3	8.3	9.0	-----
Paper and allied products.....	5.3	5.4	5.9	5.4	5.6	5.9	5.3	5.8	5.6	5.2	5.8	-----
Printing, publishing, and allied industries.....	3.7	4.1	4.1	3.8	4.0	4.2	3.9	4.0	4.4	3.9	4.1	-----
Chemicals and allied products.....	6.8	6.3	6.5	5.6	5.4	5.0	6.4	7.0	6.3	6.8	6.7	-----
Products of petroleum and coal.....	3.2	3.4	3.0	3.3	3.3	2.9	3.4	3.3	2.8	3.4	3.1	-----
Rubber products.....	4.1	4.6	4.5	4.6	4.5	4.4	4.5	4.9	4.4	4.8	4.7	-----
Other nondurable goods <sup>2</sup> .....	1.8	1.7	1.8	1.6	1.5	1.7	1.6	1.4	1.8	1.7	1.7	-----
Percent change												
	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49		
All manufacturing.....	2.4	-6.2	2.8	-11.0	-0.2	-8.0	-----	-----	-----	-----	-----	-----
Durable goods.....	1.7	-8.1	1.2	-12.5	-3.7	-10.7	-----	-----	-----	-----	-----	-----
Nondurable goods.....	3.2	-3.9	4.7	-9.2	4.2	-4.9	-----	-----	-----	-----	-----	-----

<sup>1</sup> Includes furniture and fixtures; and professional and scientific instruments, etc.

<sup>2</sup> Includes tobacco manufactures; leather and leather products; and miscellaneous manufacturing industries.

Series based on the 1945 Standard Industrial Classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Alabama Department of Industrial Relations.

## C. EMPLOYMENT—Continued

## 2. Employees in manufacturing establishments, in selected months, 1947-49—Continued

## MISSISSIPPI

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing <sup>1</sup> .....	95.1	91.7	81.0	88.5	91.6	75.0	92.3	90.2	76.4	91.7	85.6	78.9
	Percent change											
	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49		
All manufacturing.....	-3.6	-11.7	3.5	-18.1	-2.3	-15.3	-6.7	-7.8				

<sup>1</sup> Detailed industry data in process of preparation: consult the sources cited.  
Series based on the 1945 Standard Industrial Classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics.

ARKANSAS

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
	All manufacturing .....	72.0	73.3	69.8	72.8	77.9	69.2	81.2	82.0	68.5	76.1	76.1
Durable goods .....	48.2	45.4	38.3	45.9	47.6	37.1	49.1	48.2	35.9	48.2	45.9	-----
Nondurable goods .....	23.8	27.9	31.5	26.9	30.3	32.1	32.1	33.8	32.6	27.9	30.2	-----
Lumber and wood products .....	38.1	33.7	27.5	36.0	37.0	26.8	38.5	36.3	26.1	36.7	34.9	-----
Furniture and fixtures .....	3.3	4.0	3.1	3.2	3.0	2.9	3.5	4.1	3.2	3.9	3.8	-----
Stone, clay, and glass products .....	2.2	2.3	2.2	2.2	2.4	2.1	2.3	2.5	2.1	2.3	2.6	-----
Other durable goods <sup>1</sup> .....	4.7	5.5	5.5	4.5	5.2	5.3	4.8	5.3	4.5	5.3	4.6	-----
Food and kindred products .....	7.7	8.4	9.8	11.7	10.5	12.0	14.5	12.6	11.1	9.2	8.8	-----
Apparel and other finished textile products .....	2.5	3.3	3.5	2.2	3.3	3.0	2.8	3.7	3.8	2.9	3.4	-----
Paper and allied products .....	3.0	3.4	3.3	3.0	3.4	2.7	3.2	3.4	3.1	3.4	3.4	-----
Printing, publishing, and allied industries .....	2.3	2.3	2.4	2.3	2.3	2.6	2.4	2.4	2.6	2.4	2.4	-----
Chemicals and allied products .....	2.7	3.0	5.2	2.3	3.0	4.6	3.0	4.3	4.4	3.0	5.1	-----
Products of petroleum and coal .....	2.3	2.3	1.7	2.3	2.2	1.5	2.4	1.8	1.5	2.5	1.6	-----
Leather and leather products .....	1.0	2.5	3.3	1.3	2.9	3.4	1.7	3.2	3.6	2.2	3.2	-----
Other nondurable goods <sup>1</sup> .....	2.4	2.7	2.3	1.8	2.6	2.3	2.2	2.4	2.5	2.4	2.3	-----
Percent change												
Industry	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49				
	All manufacturing .....	1.8	-4.8	7.0	-11.2	0.9	-16.5	-----	-----			
Durable goods .....	-5.8	-15.6	3.7	-22.1	-1.8	-25.5	-4.8	-----				
Nondurable goods .....	17.2	12.9	12.6	5.9	5.3	-3.6	8.2	-----				

<sup>1</sup> Includes ordnance and accessories; primary metal industries; machinery; fabricated metal products; transportation equipment; and professional and scientific instruments, etc.

<sup>2</sup> Includes tobacco manufactures; textile-mill products; rubber products; and miscellaneous manufacturing industries.

Series based on the 1945 Standard Industrial Classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Employment Security Division, Arkansas Department of Labor.

## C. EMPLOYMENT—Continued

## 2. Employees in manufacturing establishments, in selected months, 1947-49—Continued

## LOUISIANA

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
	All manufacturing.....	148.2	148.6	136.5	150.5	151.6	133.2	154.1	152.2	136.3	156.4	154.4
Lumber and wood products; furniture and fixtures.....	39.2	36.7	31.0	39.4	39.3	30.2	38.6	37.0	-----	37.4	35.3	-----
Stone, clay, and glass products.....	3.7	4.3	3.9	3.6	4.3	3.7	3.7	-4.5	-----	3.5	4.4	-----
Primary metal industries; fabricated metal products; machinery.....	7.4	7.5	6.6	7.6	7.6	6.5	8.0	7.7	-----	7.7	7.2	-----
Transportation equipment.....	10.4	8.5	7.1	11.2	8.6	6.4	9.0	8.0	-----	8.9	7.2	-----
Food and kindred products.....	30.8	31.5	30.5	32.0	31.6	31.4	36.7	34.9	-----	38.4	40.0	-----
Textile-mill products; apparel and other finished textile products.....	9.2	9.4	8.8	8.6	9.2	7.7	8.6	9.1	-----	9.3	8.9	-----
Paper and allied products.....	13.7	14.7	14.0	13.9	15.1	13.6	14.7	15.4	-----	15.6	16.2	-----
Printing, publishing, and allied industries.....	4.1	4.4	4.7	4.2	4.5	4.7	4.2	4.6	-----	4.2	4.7	-----
Chemicals and allied products; products of petroleum and coal.....	27.2	29.7	28.2	28.3	29.6	27.3	28.8	29.3	-----	29.6	28.8	-----
Other manufacturing <sup>1</sup> .....	1.9	1.9	1.7	1.7	1.8	1.7	1.8	1.7	-----	1.8	1.7	-----
Percent change												
	March			June			September			December		
	1947-48	1948-49		1947-48	1948-49		1947-48	1948-49		1947-48	1948-49	
All manufacturing.....	0.3	-8.1		0.7	-12.1		-1.2	-10.4		-1.3	-9.9	

<sup>1</sup> Not available.<sup>2</sup> Includes tobacco manufactures; rubber products; leather and leather products; professional and scientific instruments, etc.; and miscellaneous manufacturing industries.Series based on the 1945 Standard Industrial Classification.  
Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Division of Employment Security, Louisiana Department of Labor.

## C. EMPLOYMENT—Continued

## 3. Hours and earnings of production workers in manufacturing

State	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949 <sup>3</sup>	1947	1948	1949 <sup>3</sup>
Average weekly earnings												
United States.....	\$48.28	\$52.92	\$54.74	\$50.13	\$53.87	\$54.51	\$51.31	\$55.16	\$55.72	\$53.48	\$56.14	\$56.20
Southeast:												
North Carolina.....	36.97	41.30	39.88	35.71	39.80	39.09	37.71	40.75	.....	41.64	41.58	.....
Florida.....	( <sup>1</sup> )	39.06	41.44	( <sup>1</sup> )	41.20	41.38	( <sup>1</sup> )	41.13	.....	( <sup>1</sup> )	42.16	.....
Tennessee.....	( <sup>1</sup> )	41.86	43.61	( <sup>1</sup> )	42.03	43.65	( <sup>1</sup> )	42.85	.....	41.72	43.98	.....
Average weekly hours												
United States.....	40.4	40.4	39.1	40.3	40.2	38.8	40.5	39.8	39.6	41.3	40.1	39.8
Southeast:												
North Carolina.....	39.2	40.0	36.5	38.0	38.4	* 35.9	39.5	37.7	.....	40.6	38.1	.....
Florida.....	( <sup>1</sup> )	40.6	43.3	( <sup>1</sup> )	42.3	41.8	( <sup>1</sup> )	41.8	.....	( <sup>1</sup> )	44.1	.....
Tennessee.....	( <sup>1</sup> )	40.8	39.2	( <sup>1</sup> )	40.3	39.5	( <sup>1</sup> )	39.9	.....	41.6	40.2	.....
Average hourly earnings												
United States.....	\$1.20	\$1.31	\$1.40	\$1.24	\$1.34	\$1.41	\$1.27	\$1.39	\$1.41	\$1.30	\$1.40	\$1.41
Southeast:												
North Carolina.....	.94	1.03	1.09	.94	1.04	* 1.09	.96	1.08	.....	1.03	1.09	.....
Florida.....	( <sup>1</sup> )	.96	.96	( <sup>1</sup> )	.97	.99	( <sup>1</sup> )	.98	.....	( <sup>1</sup> )	.98	.....
Tennessee.....	( <sup>1</sup> )	1.03	1.11	( <sup>1</sup> )	1.04	1.10	( <sup>1</sup> )	1.07	.....	1.00	1.09	.....

<sup>1</sup> Not available.<sup>2</sup> Revised series not comparable with preceding data shown.<sup>3</sup> Preliminary

NOTE.—Figures are not available for other Southeast States.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with agencies of the respective States.

## D. UNEMPLOYMENT

## 1. Workers covered by State unemployment compensation laws and number of first payments issued, 1940 and 1948

State	Average monthly covered employment						Number of first payments issued (in thousands)	
	Number (in thousands)		Percent of total		Percent increase, 1940-48	1940	1948	
	1940	1948	1940	1948				
United States.....	23,007.5	32,856.9	100.0	100.0	42.8	5,211.7	3,983.7	
Southeast.....	3,083.3	4,506.6	13.4	13.7	46.2	709.7	465.9	
Virginia.....	357.8	493.1	1.6	1.5	37.8	95.8	49.6	
North Carolina.....	467.2	642.5	2.0	2.0	37.5	105.8	65.3	
South Carolina.....	220.7	314.6	1.0	1.0	42.5	36.9	25.9	
Georgia.....	360.6	525.2	1.6	1.6	45.6	72.3	39.5	
Florida.....	252.2	383.5	1.1	1.2	52.1	59.3	52.0	
Kentucky.....	265.9	372.5	1.2	1.1	40.1	54.9	34.2	
Tennessee.....	317.7	502.3	1.4	1.5	58.1	71.1	69.0	
Alabama.....	288.9	427.7	1.3	1.3	48.0	54.8	46.5	
Mississippi.....	116.8	178.4	.5	.5	52.7	38.3	20.2	
Arkansas.....	146.2	217.7	.6	.7	48.9	40.7	28.2	
Louisiana.....	289.4	449.3	1.3	1.4	55.3	79.8	34.5	

Source: U. S. Department of Labor, Bureau of Employment Security.

## D. UNEMPLOYMENT—Continued

## 2. Continued claims for unemployment benefits, 1947-49

State	Mid-March <sup>1</sup>							
	Number of continued claims			Percent change <sup>2</sup>		Ratio of claimants to covered workers <sup>3</sup>		
	Mar. 22, 1947	Mar. 20, 1948	Mar. 19, 1949	1947-48	1948-49	Mar. 22, 1947	Mar. 20, 1948	Mar. 19, 1949
United States .....	1,120,196	1,071,721	1,949,746	-4.3	81.9	3.7	3.3	5.9
Southeast .....	131,980	132,506	259,986	.4	96.2	3.2	3.0	5.8
Virginia .....	8,594	8,693	19,062	1.2	119.3	1.9	1.8	3.9
North Carolina .....	14,151	14,834	35,739	4.8	140.9	2.4	2.4	5.6
South Carolina .....	5,424	6,045	14,769	11.4	144.3	1.9	2.0	4.7
Georgia .....	13,843	10,833	22,024	-21.7	103.3	2.8	2.1	4.2
Florida .....	12,564	11,894	16,718	-5.3	40.6	3.5	3.1	4.4
Kentucky .....	10,159	11,322	25,423	11.4	124.5	3.0	3.1	6.8
Tennessee .....	25,851	24,082	48,173	-6.8	100.0	5.6	4.9	9.6
Alabama .....	12,293	12,115	22,500	-1.4	85.7	3.2	2.9	6.3
Mississippi .....	5,312	6,357	13,201	19.7	107.7	3.2	3.6	7.4
Arkansas .....	8,978	10,731	17,550	19.5	63.5	4.6	5.1	8.1
Louisiana .....	14,811	15,600	24,827	5.3	59.1	3.9	3.7	5.5

State	Mid-June <sup>1</sup>							
	Number of continued claims			Percent change <sup>2</sup>		Ratio of claimants to covered workers <sup>3</sup>		
	June 21, 1947	June 19, 1948	June 18, 1949	1947-48	1948-49	June 21, 1947	June 19, 1948	June 18, 1949
United States .....	1,169,812	1,016,451	2,007,440	-13.1	97.5	3.9	3.2	6.1
Southeast .....	145,345	124,209	286,244	-14.5	124.0	3.6	2.8	6.4
Virginia .....	12,853	11,465	23,018	-10.8	144.4	2.8	2.4	5.7
North Carolina .....	20,982	17,309	41,923	-17.5	142.2	3.6	2.8	6.5
South Carolina .....	6,118	5,808	21,338	-4.1	263.6	2.2	1.9	6.8
Georgia .....	15,901	12,573	23,643	-20.9	127.9	3.3	2.5	5.5
Florida .....	14,491	13,553	21,596	-6.5	59.3	4.1	3.6	5.6
Kentucky .....	12,234	9,775	23,227	-20.1	188.8	3.7	2.7	7.6
Tennessee .....	26,838	22,018	42,901	-18.0	94.8	5.8	4.5	8.5
Alabama .....	14,047	11,831	30,026	-15.8	153.8	3.7	2.8	7.0
Mississippi .....	4,872	4,214	11,424	-13.5	171.1	2.9	2.4	6.4
Arkansas .....	5,670	5,212	11,281	-8.1	116.4	2.9	2.5	5.2
Louisiana .....	11,339	10,391	20,857	-8.4	100.7	3.0	2.4	4.6

State	Mid-September <sup>1</sup>							
	Number of continued claims			Percent change <sup>2</sup>		Ratio of claimants to covered workers <sup>3</sup>		
	Sept. 20, 1947	Sept. 25, 1948	Sept. 24, 1949	1947-48	1948-49	Sept. 20, 1947	Sept. 25, 1948	Sept. 24, 1949
United States .....	866,361	821,725	1,902,578	-5.2	131.5	2.9	2.6	5.8
Southeast .....	105,379	104,903	245,800	-5	134.3	2.6	2.4	5.5
Virginia .....	5,399	5,401	16,581	-----	207.0	1.2	1.1	3.4
North Carolina .....	8,910	13,776	31,111	54.6	125.8	1.5	2.2	4.8
South Carolina .....	5,353	6,959	16,820	30.0	141.7	1.9	2.3	5.3
Georgia .....	11,106	8,674	24,315	-21.9	180.3	2.3	1.7	4.6
Florida .....	14,096	15,513	27,159	10.1	75.1	4.0	4.1	7.1
Kentucky .....	9,057	7,088	24,945	-21.7	251.9	2.7	1.9	6.7
Tennessee .....	19,293	18,587	32,998	-3.7	77.5	4.2	3.8	6.6
Alabama .....	13,301	12,572	29,617	-5.5	135.6	3.5	3.0	6.9
Mississippi .....	4,043	4,507	9,278	11.5	105.9	2.4	2.5	5.2
Arkansas .....	6,163	3,634	9,120	-41.0	151.0	3.1	1.7	4.2
Louisiana .....	8,658	8,192	23,856	-5.4	191.2	2.3	1.9	5.3

See footnotes at end of table, p. 241.

## D. UNEMPLOYMENT—Continued

## 2. Continued claims for unemployment benefits—Continued

State	Mid-December <sup>1</sup>							
	Number of continued claims			Percent change <sup>2</sup>		Ratio of claimants to covered workers <sup>3</sup>		
	Dec. 13, 1947	Dec. 18, 1948	Dec. 17, 1949	1947-48	1948-49	Dec. 13, 1947	Dec. 18, 1948	Dec. 17, 1949
United States.....	783,889	1,129,265	-----	44.1	-----	2.6	3.5	-----
Southeast.....	88,737	141,295	-----	59.2	-----	2.2	3.2	-----
Virginia.....	4,419	10,040	-----	127.2	-----	1.0	2.1	-----
North Carolina.....	8,170	20,536	-----	151.4	-----	1.4	3.3	-----
South Carolina.....	4,846	8,522	-----	75.9	-----	1.7	2.8	-----
Georgia.....	7,706	13,357	-----	73.3	-----	1.6	2.6	-----
Florida.....	10,235	12,915	-----	26.2	-----	2.9	3.4	-----
Kentucky.....	6,931	11,183	-----	61.3	-----	2.1	3.1	-----
Tennessee.....	17,580	27,023	-----	53.7	-----	3.8	5.5	-----
Alabama.....	10,060	13,685	-----	36.0	-----	2.6	3.3	-----
Mississippi.....	3,769	6,300	-----	67.6	-----	2.2	3.5	-----
Arkansas.....	6,233	6,834	-----	9.6	-----	3.2	3.2	-----
Louisiana.....	8,798	10,900	-----	23.9	-----	2.3	2.6	-----

<sup>1</sup> Dates were selected to minimize as far as possible such noneconomic factors as holidays and new benefit years.

<sup>2</sup> Increase, unless otherwise indicated.

<sup>3</sup> The rate of unemployment was obtained by dividing the number of claims by the annual average number of persons covered in the previous year.

Source: U. S. Department of Labor, Bureau of Employment Security.

## 3. Weeks compensated, 1940 and 1948

[In thousands]

State	1940					1948				
	Total for year	March	June	September	December	Total for year	March	June	September	December
United States.....	51,012	4,574	5,324	3,603	2,973	42,550	4,230	3,859	3,114	4,044
Southeast.....	7,500	648	740	603	412	4,781	465	420	401	440
Virginia.....	795	74	103	54	35	365	38	47	22	36
North Carolina.....	983	79	106	89	50	615	50	56	48	63
South Carolina.....	388	31	36	37	21	260	22	20	24	28
Georgia.....	701	54	69	62	37	411	34	40	33	45
Florida.....	676	43	54	85	31	496	31	42	61	30
Kentucky.....	646	57	66	49	44	387	39	34	32	40
Tennessee.....	869	82	83	70	46	824	83	70	66	74
Alabama.....	741	62	66	66	47	527	49	41	50	48
Mississippi.....	369	47	28	33	19	199	23	13	17	19
Arkansas.....	480	42	51	37	26	257	44	20	15	20
Louisiana.....	852	77	79	81	56	440	61	39	34	38

Source: U. S. Department of Labor, Bureau of Employment Security.

## D. UNEMPLOYMENT—Continued

## 4. Exhaustion of benefit rights and estimated average duration of benefits, 1948

State	Exhaustions of benefits		Estimated average duration (weeks) <sup>1</sup>
	Number	As percent of first payments <sup>1</sup>	
United States:			
1940 <sup>2</sup> .....	2,596,128	50.6	9.9
1948.....	1,024,274	27.5	10.7
Southeast.....	175,750	41.8	10.3
Virginia.....	16,090	37.0	7.4
North Carolina.....	21,545	39.5	9.4
South Carolina.....	8,793	39.5	10.0
Georgia.....	15,507	44.3	10.4
Florida.....	22,933	46.0	9.5
Kentucky.....	9,723	32.3	11.3
Tennessee.....	23,199	37.5	11.9
Alabama.....	19,872	45.9	11.3
Mississippi.....	6,753	37.5	9.8
Arkansas.....	12,374	42.3	8.8
Louisiana.....	18,961	57.9	12.8

<sup>1</sup> Exhaustions for calendar year as percent of first payments for 12-month period ended in September.

<sup>2</sup> Represents number of weeks compensated, divided by number of first payments in calendar year.

<sup>3</sup> No State break-downs available for 1940. The 1940 figures exclude Indiana and Wisconsin and include Alaska and Hawaii.

Source: U. S. Department of Labor, Bureau of Employment Security.

## 5. Average weekly benefit for total unemployment, 1940 and 1948

State	1940	1948
United States.....	<sup>1</sup> \$10.56	<sup>1</sup> \$19.03
Southeast:		
Virginia <sup>2</sup> .....	7.68	14.22
North Carolina.....	4.68	11.45
South Carolina.....	6.71	15.41
Georgia.....	6.56	13.64
Florida.....	9.72	13.78
Kentucky <sup>2</sup> .....	7.88	12.76
Tennessee.....	7.48	13.50
Alabama.....	6.52	15.40
Mississippi <sup>2</sup> .....	6.03	13.56
Arkansas.....	6.36	15.97
Louisiana <sup>2</sup> .....	8.02	15.30

<sup>1</sup> United States average includes Alaska and Hawaii.

<sup>2</sup> Maximum weekly benefit amount changed by law during 1948.

NOTE.—Dependents' allowances are included. Data are corrected to June 20, 1949.

Source: U. S. Department of Labor, Bureau of Employment Security.



## E. MANUFACTURING

### 1. Establishments, production workers, and value added by manufacture, 1939 and 1947

#### VIRGINIA

Major industry group	Establishments, number		Production workers				Value added by manufacture			
			Number		Percent		Amount (in thousands of dollars)		Percent	
	1939	1947	1939	1947	1939	1947	1939	1947	1939	1947
All industries.....	2,494	3,644	132,089	190,035	100.0	100.0	376,259	1,051,629	100.0	100.0
Food and kindred products.....	753	788	9,947	16,434	7.5	8.6	32,186	88,388	8.6	8.4
Tobacco manufactures.....	12	41	9,902	15,470	7.5	8.1	86,445	143,021	23.0	13.6
Textile mill products.....	104	112	28,045	31,451	21.2	16.6	43,010	167,151	11.4	15.9
Apparel and related products.....	78	118	9,852	14,131	7.5	7.4	11,737	48,971	3.1	4.7
Lumber and products, except furniture.....	666	1,358	14,787	22,384	11.2	11.8	18,527	63,399	4.9	6.0
Furniture and fixtures.....	68	101	8,654	12,764	6.6	6.7	15,131	53,858	4.0	5.1
Paper and allied products.....	51	55	6,315	9,654	4.8	5.1	21,255	71,915	5.6	6.8
Printing and publishing industries.....	262	341	2,759	3,704	2.1	1.9	12,591	29,867	3.3	2.8
Chemicals and allied products.....	129	143	16,368	26,985	12.4	14.2	71,613	218,528	19.0	20.8
Petroleum and coal products.....	10	13	251	288	.2	.1	465	1,143	.1	.1
Leather and leather products.....	24	33	4,844	4,803	3.7	2.5	7,164	17,423	1.9	1.7
Stone, clay, and glass products.....	117	235	3,491	4,150	2.6	2.2	8,091	20,456	2.2	1.9
Primary metal industries.....	38	48	2,001	3,479	1.5	1.8	4,495	12,801	1.2	1.2
Fabricated metal products.....	52	73	2,336	4,776	1.8	2.5	8,751	26,660	2.3	2.5
Machinery (except electrical).....	44	55	773	1,437	.6	.8	2,447	6,096	.7	.6
Transportation equipment.....	34	56	9,783	14,686	7.4	7.7	28,183	70,751	7.5	6.7
Miscellaneous manufactures.....	45	54	933	1,625	.7	.9	1,653	5,316	.4	.5
All other major industry groups.....	7	20	1,048	1,834	.8	1.0	2,515	5,885	.7	.6

## E. MANUFACTURING—Continued

## 1. Establishments, production workers, and value added by manufacture, 1939 and 1947—Continued

## NORTH CAROLINA

Major industry group	Establishments, number		Production workers				Value added by manufacture			
			Number		Percent		Amount (in thousands of dollars)		Percent	
	1939	1947	1939	1947	1939	1947	1939	1947	1939	1947
All industries.....	3, 168	5, 322	269, 238	350, 207	100. 0	100. 0	544, 181	1, 646, 673	100. 0	100. 0
Food and kindred products.....	637	728	6, 262	11, 574	2. 3	3. 3	28, 939	78, 430	5. 3	4. 8
Tobacco manufactures.....	15	69	16, 798	29, 428	6. 2	8. 4	120, 740	257, 986	22. 2	15. 7
Textile mill products.....	695	939	181, 245	200, 880	67. 3	57. 4	265, 154	846, 280	48. 7	51. 4
Apparel and related products.....	53	144	6, 487	15, 743	2. 4	4. 5	7, 194	43, 852	1. 3	2. 7
Lumber and products, except furniture.....	815	1, 864	19, 528	29, 730	7. 3	8. 5	23, 357	84, 127	4. 3	5. 1
Furniture and fixtures.....	162	372	18, 388	25, 939	6. 8	7. 4	28, 136	102, 447	5. 2	6. 2
Paper and allied products.....	37	47	3, 298	6, 446	1. 2	1. 5	11, 341	47, 395	2. 1	2. 9
Printing and publishing industries.....	273	363	2, 274	3, 433	0. 8	1. 0	10, 132	25, 369	1. 9	1. 5
Chemicals and allied products.....	163	188	6, 238	7, 467	2. 3	2. 1	25, 809	58, 607	4. 7	3. 6
Leather and leather products.....	16	20	1, 036	1, 448	0. 4	0. 4	2, 752	10, 756	0. 5	0. 7
Stone, clay, and glass products.....	110	255	3, 172	5, 050	1. 2	1. 4	6, 140	19, 519	1. 1	1. 2
Primary metal industries.....	25	43	1, 324	1, 731	0. 5	0. 5	6, 748	6, 483	1. 2	0. 4
Fabricated metal products.....	24	63	635	2, 282	0. 2	0. 7	1, 822	11, 909	0. 3	0. 7
Machinery (except electrical).....	76	116	1, 382	3, 320	0. 5	0. 9	3, 830	17, 416	0. 7	1. 1
Transportation equipment.....	18	29	666	1, 068	0. 2	0. 3	1, 065	5, 218	0. 2	0. 3
Instruments and related products.....		8		95		(1)		199		(1)
Miscellaneous manufactures.....	34	58	411	852	0. 2	0. 2	688	2, 854	0. 1	0. 2
All other major industry groups.....	5	16	94	3, 781	(1)	1. 1	234	27, 826	(1)	1. 7

## SOUTH CAROLINA

All industries.....	1,300	2,137	126,408	175,724	100.0	100.0	169,294	794,312	100.0	100.0
Food and kindred products.....	283	376	3,219	5,293	2.5	3.0	12,171	33,928	7.2	4.3
Textile mill products.....	205	227	94,756	119,345	75.0	67.9	110,914	558,680	65.6	70.3
Apparel and related products.....	23	99	2,830	10,095	2.2	5.7	2,723	38,292	1.6	4.8
Lumber and products, except furniture.....	363	855	13,060	20,745	10.3	11.8	14,860	69,369	8.8	7.5
Furniture and fixtures.....	31	47	1,681	2,295	1.3	1.3	1,561	6,484	.9	.8
Paper and allied products.....	13	15	2,433	5,022	1.9	2.9	8,771	36,879	5.2	4.6
Printing and publishing industries.....	108	144	837	1,113	.7	.6	3,884	8,994	2.3	1.1
Chemicals and allied products.....	160	128	2,562	3,051	2.0	1.7	4,965	16,595	2.9	2.1
Leather and leather products.....	3	5	8	21	( <sup>1</sup> )	( <sup>1</sup> )	112	143	.1	( <sup>1</sup> )
Stone, clay, and glass products.....	49	130	1,865	3,047	1.5	1.7	3,746	11,564	2.2	1.5
Primary metal industries.....	12	17	191	717	.2	.4	335	4,243	.2	.5
Fabricated metal products.....	8	22	91	334	.1	.2	255	1,533	.2	.2
Miscellaneous manufactures.....	12	24	189	621	.1	.4	308	1,352	.2	.2
All other major industry groups.....	30	48	2,686	4,025	2.1	2.3	4,689	16,226	2.8	2.0

## GEORGIA

All industries.....	3,055	4,754	155,870	225,807	100.0	100.0	280,032	1,015,999	100.0	100.0
Food and kindred products.....	599	704	11,579	19,911	7.4	8.8	46,462	133,448	16.6	13.1
Textile mill products.....	217	276	79,447	98,255	51.0	43.5	99,326	398,023	35.5	39.2
Apparel and related products.....	157	353	17,364	23,355	11.1	10.3	22,198	76,084	7.9	7.5
Lumber and products, except furniture.....	676	1,936	15,554	32,828	10.0	14.5	18,544	88,466	6.0	8.7
Furniture and fixtures.....	52	131	3,096	5,122	2.0	2.3	5,889	22,757	2.1	2.2
Paper and allied products.....	31	44	3,209	6,182	2.1	2.7	12,555	54,207	4.5	5.3
Printing and publishing industries.....	283	380	2,676	3,860	1.7	1.7	13,014	32,561	4.6	3.2
Chemicals and allied products.....	713	271	7,404	9,002	4.8	4.0	23,239	77,043	8.3	7.6
Petroleum and coal products.....	8	7	310	405	.2	.2	1,033	7,259	.4	.7
Leather and leather products.....	17	27	2,383	2,299	1.5	1.0	2,843	7,581	1.0	.7
Stone, clay, and glass products.....	91	263	3,356	6,245	2.2	2.8	6,574	26,651	2.3	2.6
Primary metal industries.....	27	39	1,842	2,458	1.2	1.1	3,772	7,769	1.3	.8
Fabricated metal products.....	42	86	2,004	3,034	1.3	1.3	5,107	14,951	1.8	1.5
Machinery (except electrical).....	62	96	2,097	5,327	1.3	2.4	5,232	26,822	1.9	2.6
Electrical machinery.....	7	16	263	1,226	.2	.5	954	8,111	.3	.8
Instruments and related products.....	3	5	24	66	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	364	-----	( <sup>2</sup> )
Miscellaneous manufactures.....	50	75	1,280	2,238	.8	1.0	2,524	8,282	.9	.8
All other major industry groups.....	20	45	1,982	3,994	1.3	1.8	( <sup>1</sup> )	25,620	-----	2.5

See footnotes at end of table, p. 250.

## E. MANUFACTURING—Continued

## 1. Establishments, production workers, and value added by manufacture, 1939 and 1947—Continued

## FLORIDA

Major industry group	Establishments, number		Production workers				Value added by manufacture			
			Number		Percent		Amount (in thousands of dollars)		Percent	
	1939	1947	1939	1947	1939	1947	1939	1947	1939	1947
All industries.....	1,976	2,807	51,149	66,027	100.0	100.0	115,885	349,976	100.0	100.0
Food and kindred products.....	611	701	9,701	14,463	19.0	21.9	29,935	92,324	25.8	26.4
Tobacco manufactures.....	45	77	9,729	8,376	19.0	12.7	14,245	18,723	12.3	5.3
Textile mill products.....	10	5	256	95	.6	.1	334	323	.3	.1
Apparel and related products.....	31	117	764	1,844	1.5	2.8	850	5,913	.7	1.7
Lumber and products, except furniture.....	320	495	17,831	14,916	34.9	22.6	22,390	47,184	19.3	13.5
Furniture and fixtures.....	63	117	846	1,837	1.7	2.8	1,870	7,124	1.6	2.0
Paper and allied products.....	14	31	2,483	5,027	4.9	7.6	11,466	55,777	9.9	15.9
Printing and publishing industries.....	281	397	2,195	-3,592	4.3	5.4	12,697	34,706	11.0	9.9
Chemicals and allied products.....	314	162	2,617	3,921	5.1	5.9	9,364	28,774	8.1	8.2
Petroleum and coal products.....	2	6	(1)	24		(2)	(1)	267		.1
Leather and leather products.....	3	11	(1)	140		.2	(1)	410		.1
Stone, clay, and glass products.....	94	244	1,382	2,403	2.7	3.6	3,870	12,809	3.3	3.7
Primary metal industries.....	13	22	139	300	.3	.5	271	1,024	.2	.3
Fabricated metal products.....	45	114	516	1,817	1.0	2.8	2,577	11,571	2.2	3.3
Machinery (except electrical).....	19	56	255	1,095	.5	1.7	903	6,768	.8	1.9
Electrical machinery.....	9	28	31	183	.1	.3	130	1,023	.1	.3
Transportation equipment.....	46	90	1,695	4,832	3.3	7.3	3,661	21,431	3.2	6.1
Miscellaneous manufactures.....	53	122	647	1,086	1.3	1.6	1,261	3,618	1.1	1.0
All other major industry groups.....	3	12	7	73	(2)	.1	12	207	(2)	.1

KENTUCKY

All industries.....	1, 582	2, 244	62, 481	110, 602	100. 0	100. 0	186, 485	740, 772	100. 0	100. 0
Food and kindred products.....	610	577	9, 405	19, 507	15. 1	17. 6	44, 082	288, 814	23. 6	39. 0
Tobacco manufactures.....	20	57	4, 550	8, 385	7. 3	7. 6	23, 352	41, 784	12. 5	5. 6
Textile mill products.....	23	18	3, 509	3, 354	5. 6	3. 0	5, 471	12, 744	2. 9	1. 7
Apparel and related products.....	51	88	6, 883	11, 883	11. 0	10. 7	8, 319	38, 475	4. 5	5. 2
Lumber and products, except furniture.....	212	520	5, 747	10, 877	9. 2	9. 8	9, 225	36, 683	4. 9	5. 0
Furniture and fixtures.....	47	86	3, 856	6, 288	6. 2	5. 7	6, 845	25, 928	3. 7	3. 5
Paper and allied products.....	11	12	446	643	. 7	. 6	1, 320	4, 695	. 7	. 6
Printing and publishing industries.....	246	304	2, 791	4, 332	4. 5	3. 9	11, 471	28, 745	6. 2	3. 9
Chemicals and allied products.....	56	67	1, 072	3, 579	1. 7	3. 2	7, 817	47, 953	4. 2	6. 5
Petroleum and coal products.....	16	14	893	1, 015	1. 4	. 9	4, 968	20, 215	2. 7	2. 7
Stone, clay, and glass products.....	78	163	2, 813	3, 834	4. 5	3. 5	6, 338	16, 302	3. 4	2. 2
Primary metal industries.....	22	26	5, 754	6, 723	9. 2	6. 1	15, 205	30, 863	8. 2	4. 2
Fabricated metal products.....	47	91	4, 990	9, 761	8. 0	8. 8	12, 952	51, 024	6. 9	6. 9
Machinery (except electrical).....	54	80	2, 359	8, 034	3. 8	7. 3	8, 788	40, 461	4. 7	5. 5
Electrical machinery.....	12	21	2, 123	3, 768	3. 4	3. 4	5, 494	16, 010	2. 9	2. 2
Miscellaneous manufactures.....	40	64	1, 145	1, 492	1. 8	1. 3	2, 894	5, 853	1. 6	. 8
All other major industry groups.....	37	56	4, 107	7, 127	6. 6	6. 4	11, 944	34, 223	6. 4	4. 6

TENNESSEE

All industries.....	2, 225	3, 346	131, 024	192, 367	100. 0	100. 0	318, 378	957, 539	100. 0	100. 0
Food and kindred products.....	718	718	10, 747	16, 819	8. 2	8. 7	41, 226	132, 489	12. 9	13. 8
Textile mill products.....	128	155	33, 573	33, 891	25. 6	17. 6	41, 466	121, 294	13. 0	12. 7
Apparel and related products.....	94	138	14, 181	17, 666	10. 8	9. 2	19, 232	47, 627	6. 0	5. 0
Lumber and products, except furniture.....	393	962	12, 421	18, 089	9. 5	9. 4	18, 265	51, 865	5. 7	5. 4
Furniture and fixtures.....	66	123	4, 595	7, 263	3. 5	3. 8	7, 165	26, 102	2. 3	2. 7
Paper and allied products.....	33	42	2, 491	4, 136	1. 9	2. 2	8, 158	35, 807	2. 6	3. 7
Printing and publishing industries.....	267	345	3, 935	6, 177	3. 0	3. 2	17, 925	46, 841	5. 6	4. 9
Chemicals and allied products.....	128	158	15, 074	22, 572	11. 5	11. 7	69, 261	162, 578	21. 8	17. 0
Leather and leather products.....	30	53	5, 498	9, 977	4. 2	5. 2	8, 455	41, 411	2. 7	4. 3
Stone, clay, and glass products.....	103	229	4, 979	7, 525	3. 8	3. 9	12, 246	32, 787	3. 8	3. 4
Primary metal industries.....	36	50	6, 670	13, 409	5. 1	7. 0	32, 148	86, 104	10. 1	9. 0
Fabricated metal products.....	72	115	8, 432	12, 953	6. 4	6. 7	16, 357	52, 607	5. 1	5. 5
Machinery (except electrical).....	45	87	1, 860	4, 640	1. 4	2. 4	5, 446	24, 256	1. 7	2. 5
Electrical machinery.....	11	22	162	1, 044	. 1	. 5	534	5, 089	. 2	. 5
Transportation equipment.....	7	20	1, 058	4, 556	. 8	2. 4	5, 710	22, 649	1. 8	2. 4
Miscellaneous manufactures.....	64	83	1, 451	2, 470	1. 1	1. 3	2, 576	8, 428	. 8	. 9
All other major industry groups.....	30	46	3, 937	9, 180	3. 0	4. 8	12, 208	59, 608	3. 8	6. 2

See footnotes at end of table, p. 250.

## E. MANUFACTURING—Continued

## 1. Establishments, production workers, and value added by manufacture, 1939 and 1947—Continued

## ALABAMA

Major industry group	Establishments, number		Production workers				Value added by manufacture			
			Number		Percent		Amount (in thousands of dollars)		Percent	
	1939	1947	1939	1947	1939	1947	1939	1947	1939	1947
All industries.....	1,982	3,335	115,698	185,645	100.0	100.0	245,577	876,933	100.0	100.0
Food and kindred products.....	415	489	4,733	8,368	4.1	4.5	18,348	55,160	7.5	6.3
Textile mill products.....	103	130	39,917	49,913	34.5	26.9	48,200	216,373	19.6	24.7
Apparel and related products.....	26	97	3,637	7,706	3.1	4.2	3,784	21,031	1.5	2.4
Lumber and products, except furniture.....	741	1,618	20,880	36,130	18.0	19.5	23,324	101,063	9.5	11.5
Furniture and fixtures.....	28	68	422	1,375	.4	.7	828	4,972	.3	.6
Paper and allied products.....	12	21	3,122	5,187	2.7	2.8	7,609	39,899	3.1	4.5
Printing and publishing industries.....	179	251	1,329	2,114	1.1	1.1	7,522	19,764	3.1	2.3
Chemicals and allied products.....	182	128	4,053	6,462	3.5	3.5	16,026	46,087	6.5	5.3
Petroleum and coal products.....	15	16	1,729	2,488	1.5	1.3	5,910	32,691	2.4	3.7
Stone, clay, and glass products.....	83	189	3,138	5,642	2.7	3.0	8,405	30,926	3.4	3.5
Primary metal industries.....	65	88	24,256	34,520	21.0	18.6	77,593	169,744	31.6	19.4
Fabricated metal products.....	52	89	3,566	6,219	3.1	3.3	8,979	38,249	3.7	4.4
Machinery (except electrical).....	21	59	1,081	6,035	.9	3.3	2,623	26,455	1.1	3.0
Transportation equipment.....	15	23	2,002	7,524	1.7	4.1	5,794	35,131	2.4	4.0
Instruments and related products.....	2	6	(1)	35	-----	(2)	(1)	223	-----	(2)
Miscellaneous manufactures.....	29	38	349	543	.3	.3	639	1,455	.3	.2
All other major industry groups.....	14	25	(1)	5,384	-----	2.9	(1)	37,710	-----	4.3

MISSISSIPPI

All industries.....	1, 235	1, 982	45, 893	69, 577	100. 0	100. 0	72, 661	300, 184	100. 0	100. 0
Food and kindred products.....	383	411	4, 386	5, 870	9. 6	8. 4	13, 395	33, 889	18. 4	11. 3
Textile mill products.....	20	18	4, 002	5, 081	10. 7	7. 3	3, 911	17, 667	6. 4	5. 9
Apparel and related products.....	23	55	6, 901	10, 610	15. 0	15. 2	7, 270	25, 563	10. 0	8. 5
Lumber and products, except furniture.....	499	1, 020	20, 920	27, 487	45. 6	39. 5	24, 736	87, 595	34. 0	29. 2
Furniture and fixtures.....	6	24	198	1, 333	. 4	1. 9	396	2, 947	. 6	1. 0
Paper and allied products.....	10	11	2, 570	4, 350	5. 6	6. 3	5, 408	36, 463	7. 4	12. 1
Printing and publishing industries.....	128	161	614	932	1. 3	1. 3	3, 006	6, 733	4. 1	2. 2
Chemicals and allied products.....	93	84	3, 490	4, 154	7. 6	6. 0	8, 488	35, 342	11. 7	11. 8
Stone, clay, and glass products.....	30	91	935	1, 803	2. 0	2. 6	2, 775	10, 445	3. 8	3. 5
Primary metal industries.....	2	8	( <sup>1</sup> ) 234	393	-----	. 3	( <sup>1</sup> ) 337	982	-----	. 3
Fabricated metal products.....	9	20	83	393	. 2	. 6	337	2, 539	. 5	. 8
Machinery (except electrical).....	12	24	150	825	. 3	1. 2	385	3, 342	. 5	1. 1
Miscellaneous manufactures.....	9	23	73	218	. 2	. 3	150	475	. 2	. 2
All other major industry groups.....	11	32	( <sup>1</sup> )	6, 289	-----	9. 0	( <sup>1</sup> )	36, 202	-----	12. 1

ARKANSAS

All industries.....	1, 115	1, 924	35, 672	58, 254	100. 0	100. 0	66, 444	265, 144	100. 0	100. 0
Food and kindred products.....	394	535	3, 622	7, 527	10. 2	12. 9	12, 414	41, 020	18. 7	15. 5
Apparel and related products.....	13	25	1, 577	2, 334	4. 4	4. 0	1, 164	5, 623	1. 8	2. 1
Lumber and products, except furniture.....	394	806	20, 079	26, 839	56. 3	46. 1	25, 925	81, 361	39. 0	30. 7
Furniture and fixtures.....	23	51	2, 329	2, 864	6. 5	4. 9	3, 671	11, 439	5. 5	4. 3
Paper and allied products.....	9	13	1, 580	2, 779	4. 4	4. 8	4, 443	21, 887	6. 7	8. 3
Printing and publishing industries.....	135	190	881	1, 452	2. 5	2. 5	4, 288	11, 392	6. 5	4. 3
Chemicals and allied products.....	47	54	1, 775	3, 461	5. 0	5. 9	4, 303	29, 194	6. 5	11. 0
Petroleum and coal products.....	11	13	682	914	1. 9	1. 6	3, 894	17, 064	5. 9	6. 4
Leather and leather products.....	-----	8	-----	1, 264	-----	2. 2	-----	3, 121	-----	1. 2
Stone, clay, and glass products.....	21	81	1, 117	2, 324	3. 1	4. 0	2, 736	10, 237	4. 1	3. 9
Primary metal industries.....	6	16	320	2, 672	. 9	4. 6	747	18, 885	1. 1	7. 1
Fabricated metal products.....	10	26	321	667	. 9	1. 1	616	3, 517	. 9	1. 3
Machinery (except electrical).....	11	21	121	382	. 3	. 7	506	-2, 207	. 8	. 8
Transportation equipment.....	5	13	53	276	. 1	. 5	111	1, 111	. 2	. 4
Miscellaneous manufactures.....	28	59	436	746	1. 2	1. 3	720	2, 432	1. 1	. 9
All other major industry groups.....	8	13	779	1, 753	2. 2	3. 0	906	4, 654	1. 4	1. 8

See footnotes at end of table, p. 250.

SOUTHEAST

## E. MANUFACTURING—Continued

## 1. Establishments, production workers, and value added by manufacture, 1939 and 1947—Continued

## LOUISIANA

Major industry group	Establishments, number		Production workers				Value added by manufacture			
			Number		Percent		Amount (in thousands of dollars)		Percent	
	1939	1947	1939	1947	1939	1947	1939	1947	1939	1947
All industries.....	1, 779	2, 389	70, 453	111, 553	100. 0	100. 0	198, 527	694, 074	100. 0	100. 0
Food and kindred products.....	770	780	18, 929	22, 690	26. 9	20. 3	61, 940	139, 137	31. 2	20. 0
Textile mill products.....	22	16	2, 521	2, 253	3. 6	2. 0	3, 418	7, 838	1. 7	1. 1
Apparel and related products.....	59	70	4, 209	5, 566	6. 0	5. 0	6, 027	18, 986	3. 0	2. 7
Lumber and products, except furniture.....	293	626	19, 934	27, 611	28. 3	24. 8	25, 993	54, 089	13. 1	12. 1
Furniture and fixtures.....	44	51	1, 363	1, 224	1. 9	1. 1	2, 056	4, 613	1. 0	. 7
Paper and allied products.....	34	40	7, 339	12, 429	10. 4	11. 1	24, 245	99, 217	12. 2	14. 3
Printing and publishing industries.....	211	248	1, 816	2, 274	2. 6	2. 0	9, 740	23, 005	4. 9	3. 3
Chemicals and allied products.....	112	147	3, 884	9, 892	5. 5	8. 9	29, 717	113, 482	15. 0	16. 4
Petroleum and coal products.....	19	25	2, 988	9, 122	4. 2	8. 2	16, 609	121, 998	8. 4	17. 6
Leather and leather products.....	6	5	( <sup>1</sup> )	28	( <sup>2</sup> )	( <sup>2</sup> )	87	216	( <sup>2</sup> )	( <sup>2</sup> )
Stone, clay, and glass products.....	46	115	1, 629	2, 963	2. 3	2. 7	5, 640	16, 589	2. 8	2. 4
Primary metal industries.....	11	19	277	714	. 4	. 6	600	2, 458	. 3	. 4
Fabricated metal products.....	45	78	1, 530	3, 092	2. 2	2. 8	4, 521	15, 985	2. 3	2. 3
Machinery (except electrical).....	38	47	887	1, 595	1. 3	1. 4	2, 391	6, 533	1. 2	. 9
Transportation equipment.....	23	53	1, 468	8, 390	2. 1	7. 5	2, 871	34, 162	1. 4	4. 9
Instruments and related products.....	2	5	( <sup>1</sup> )	68	-----	. 1	( <sup>1</sup> )	248	-----	( <sup>2</sup> )
Miscellaneous manufactures.....	33	53	415	817	. 6	. 7	849	3, 396	. 4	. 5
All other major industry groups.....	11	11	( <sup>1</sup> )	825	-----	. 7	( <sup>1</sup> )	2, 122	-----	. 3

<sup>1</sup> Withheld to avoid disclosing figures for individual companies.

<sup>2</sup> Less than 0.05 percent.

Source: 1947 Census of Manufactures, Final State Reports (Series MC100). Although 1939 data have been adjusted wherever possible to the Standard Industrial Classification used for the 1947 census, figures given for the 2 periods are not in every case completely

comparable. For full descriptions of the small variations remaining in various industry groups, see the industry volume of the 1947 Census of Manufactures (vol. II).



## E. MANUFACTURING—Continued

## 2. Production workers, 1939 and 1947

State	1939	1947	Change <sup>1</sup>		1939	1947	Change <sup>1</sup>	
			Number	Per cent			Number	Per cent
	All industries				Food and kindred products			
United States.....	7,808,205	11,916,188	4,107,983	53	802,133	1,099,478	297,345	37
Southeast.....	1,195,975	1,735,798	539,823	55	92,530	148,456	55,926	60
Virginia.....	132,089	190,035	57,946	44	9,947	16,434	6,487	65
North Carolina.....	269,238	350,207	80,969	30	6,262	11,574	5,312	85
South Carolina.....	126,408	175,724	49,316	39	3,219	5,293	2,074	64
Georgia.....	155,870	225,807	69,937	45	11,579	19,911	8,332	72
Florida.....	51,149	66,027	14,878	29	9,701	14,463	4,762	49
Kentucky.....	62,481	110,602	48,121	77	9,405	19,507	10,102	107
Tennessee.....	131,024	192,367	61,343	47	10,747	16,819	6,072	56
Alabama.....	115,698	185,645	69,947	60	4,733	8,368	3,635	77
Mississippi.....	45,893	69,577	23,684	52	4,386	5,870	1,484	34
Arkansas.....	35,672	58,254	22,582	63	3,622	7,527	3,905	108
Louisiana.....	70,453	111,553	41,100	58	18,929	22,690	3,761	20
	Tobacco manufactures				Textile mill products			
United States.....	87,525	103,289	15,764	18	1,081,710	1,147,194	65,484	6
Southeast.....	( <sup>2</sup> )	( <sup>2</sup> )			468,201	544,521		
Virginia.....	9,902	15,470	5,568	56	28,045	31,451	3,406	12
North Carolina.....	10,798	29,428	12,630	75	181,245	200,880	19,635	11
South Carolina.....	( <sup>2</sup> )	1,800			94,756	119,345	24,589	26
Georgia.....	( <sup>2</sup> )	( <sup>2</sup> )			79,447	98,255	18,808	24
Florida.....	9,729	8,376	-1,353	-14	286	98	-188	-66
Kentucky.....	4,550	8,385	3,835	84	3,509	3,354	-155	-4
Tennessee.....	1,144	1,783	639	56	33,573	33,891	318	1
Alabama.....	( <sup>2</sup> )	( <sup>2</sup> )			39,917	49,913	9,996	25
Mississippi.....	( <sup>2</sup> )	( <sup>2</sup> )			4,902	5,081	179	4
Arkansas.....	( <sup>2</sup> )	( <sup>2</sup> )			( <sup>2</sup> )	( <sup>2</sup> )		
Louisiana.....	1,210	755	-455	-38	2,521	2,253	-268	-11
	Apparel and related products				Lumber and products, except furniture			
United States.....	752,829	972,897	220,068	29	422,047	596,118	173,171	41
Southeast.....	74,685	120,933	46,248	62	180,741	267,636	86,895	48
Virginia.....	9,852	14,131	4,279	43	14,787	22,384	7,597	51
North Carolina.....	6,487	15,743	9,256	143	19,528	29,730	10,202	52
South Carolina.....	2,830	10,095	7,265	257	13,060	20,745	7,685	59
Georgia.....	17,364	23,355	5,991	35	15,554	32,828	17,274	111
Florida.....	764	1,844	1,080	141	17,831	14,916	-2,915	-16
Kentucky.....	6,883	11,883	5,000	73	5,747	10,877	5,130	89
Tennessee.....	14,181	17,666	3,485	25	12,421	18,089	5,668	46
Alabama.....	3,637	7,706	4,069	112	20,880	36,130	15,250	73
Mississippi.....	6,901	10,610	3,709	54	20,920	27,487	6,567	31
Arkansas.....	1,577	2,334	757	48	20,079	26,839	6,760	34
Louisiana.....	4,209	5,566	1,357	32	19,934	27,611	7,677	39
	Furniture and fixtures				Paper and allied products			
United States.....	189,382	282,780	93,398	49	270,239	388,901	118,662	44
Southeast.....	45,468	68,304	22,846	50	35,286	61,855	26,569	75
Virginia.....	8,654	12,764	4,110	47	6,315	9,654	3,339	53
North Carolina.....	18,388	25,939	7,551	41	3,298	6,446	3,148	95
South Carolina.....	1,681	2,295	614	37	2,433	5,022	2,589	106
Georgia.....	3,096	5,122	2,026	65	3,209	6,182	2,973	93
Florida.....	846	1,837	991	117	2,483	5,027	2,544	102
Kentucky.....	3,886	6,288	2,402	62	446	643	197	44
Tennessee.....	4,595	7,263	2,668	58	2,491	4,136	1,645	66
Alabama.....	422	1,375	953	226	3,122	5,187	2,065	66
Mississippi.....	198	1,333	1,135	573	2,570	4,350	1,780	69
Arkansas.....	2,329	2,864	535	23	1,580	2,779	1,199	76
Louisiana.....	1,363	1,224	-139	-10	7,339	12,429	5,090	69

See footnotes at end of table, p. 253.

## E. MANUFACTURING—Continued

## 2. Production workers, 1939 and 1947—Continued

State	1939	1947	Change		1939	1947	Change	
			Number	Per cent			Number	Per cent
<b>Printing and publishing industries</b>				<b>Chemicals and allied products</b>				
United States.....	324,371	438,135	113,764	35	275,669	466,458	190,789	69
Southeast.....	22,057	32,983	10,926	50	64,537	100,546	36,009	56
Virginia.....	2,759	3,704	945	34	16,368	26,985	10,617	65
North Carolina.....	2,274	3,433	1,159	51	6,238	7,467	1,229	20
South Carolina.....	837	1,113	276	33	2,562	3,051	489	19
Georgia.....	2,676	3,860	1,184	44	7,404	9,002	1,598	22
Florida.....	2,195	3,592	1,397	64	2,617	3,921	1,304	50
Kentucky.....	2,791	4,332	1,541	55	1,072	3,579	2,507	234
Tennessee.....	3,885	6,177	2,292	59	15,074	22,572	7,498	50
Alabama.....	1,329	2,114	785	59	4,053	6,462	2,409	59
Mississippi.....	614	932	318	52	3,490	4,154	664	19
Arkansas.....	881	1,452	571	65	1,775	3,461	1,686	95
Louisiana.....	1,816	2,274	458	25	3,884	9,892	6,008	155
<b>Products of petroleum and coal</b>				<b>Rubber products</b>				
United States.....	107,695	169,610	61,915	57	120,740	214,533	93,793	78
Southeast.....	\$ 6,858	\$ 14,832	-----	-----	(?)	(?)	-----	-----
Virginia.....	251	268	17	7	486	464	-22	-5
North Carolina.....	(?)	(?)	-----	-----	(?)	(?)	-----	-----
South Carolina.....	(?)	(?)	-----	-----	(?)	(?)	-----	-----
Georgia.....	310	405	95	31	(?)	(?)	-----	-----
Florida.....	(?)	24	-----	-----	(?)	(?)	-----	-----
Kentucky.....	898	1,015	117	13	(?)	22	-----	-----
Tennessee.....	(?)	502	-----	-----	2,104	5,518	3,414	162
Alabama.....	1,729	2,488	759	44	1,248	4,191	2,943	236
Mississippi.....	-----	94	94	-----	(?)	(?)	-----	-----
Arkansas.....	682	914	232	34	(?)	(?)	-----	-----
Louisiana.....	2,988	9,122	6,134	205	-----	-----	-----	-----
<b>Leather and leather products</b>				<b>Stone, clay, and glass products</b>				
United States.....	327,189	348,529	21,340	7	267,094	405,755	138,661	52
Southeast.....	(?)	(?)	-----	-----	27,877	44,986	17,109	61
Virginia.....	4,844	4,803	-41	-1	3,491	4,150	659	19
North Carolina.....	1,036	1,448	412	40	3,172	5,050	1,878	59
South Carolina.....	8	21	13	162	1,865	3,047	1,182	63
Georgia.....	2,383	2,299	-84	-4	3,356	6,245	2,889	86
Florida.....	(?)	140	-----	-----	1,382	2,403	1,021	74
Kentucky.....	2,144	3,207	1,063	50	2,813	3,834	1,021	36
Tennessee.....	5,498	9,977	4,479	81	4,979	7,525	2,546	51
Alabama.....	(?)	(?)	-----	-----	3,138	5,642	2,504	80
Mississippi.....	(?)	(?)	-----	-----	935	1,803	868	93
Arkansas.....	-----	1,264	1,264	-----	1,117	2,324	1,207	108
Louisiana.....	(?)	28	-----	-----	1,629	2,963	1,334	82
<b>Primary metal industries</b>				<b>Fabricated metal products</b>				
United States.....	672,438	1,010,055	337,617	50	451,087	822,514	371,427	82
Southeast.....	\$ 42,774	\$ 66,957	-----	-----	24,504	45,328	20,824	85
Virginia.....	2,001	3,479	1,478	74	2,336	4,776	2,440	104
North Carolina.....	1,324	1,731	407	31	635	2,282	1,647	259
South Carolina.....	191	717	526	-----	91	334	243	-----
Georgia.....	1,842	2,458	616	33	2,004	3,034	1,030	51
Florida.....	139	300	161	116	516	1,817	1,301	252
Kentucky.....	5,754	6,723	969	17	4,990	9,761	4,771	96
Tennessee.....	6,670	13,409	6,739	101	8,432	12,953	4,521	54
Alabama.....	24,256	34,520	10,264	42	3,566	6,219	2,653	74
Mississippi.....	(?)	234	-----	-----	83	393	310	-----
Arkansas.....	320	2,672	2,352	-----	321	667	346	108
Louisiana.....	277	714	437	158	1,530	3,092	1,562	102

See footnotes at end of table, p. 253.

## E. MANUFACTURING—Continued

## 2. Production workers, 1939 and 1947—Continued

State	1939	1947	Change <sup>1</sup>		1939	1947	Change <sup>1</sup>	
			Number	Per-cent			Number	Per-cent
	Machinery (except electrical)				Electrical machinery			
United States.....	536,082	1,244,135	708,053	132	247,930	639,147	391,217	158
Southeast.....	11,683	33,803	22,220	192	( <sup>2</sup> )	( <sup>2</sup> )	-----	-----
Virginia.....	773	1,437	664	86	( <sup>2</sup> )	( <sup>2</sup> )	-----	-----
North Carolina.....	1,382	3,320	1,938	140	( <sup>2</sup> ) 50	3,358	3,308	-----
South Carolina.....	609	1,113	504	83	( <sup>2</sup> )	( <sup>2</sup> )	-----	-----
Georgia.....	2,097	5,327	3,230	154	263	1,226	963	-----
Florida.....	255	1,095	840	-----	31	183	152	-----
Kentucky.....	2,359	8,034	5,675	241	2,123	3,768	1,645	77
Tennessee.....	1,890	4,640	2,780	149	162	1,044	882	-----
Alabama.....	1,081	6,035	4,954	458	174	( <sup>2</sup> )	-----	-----
Mississippi.....	159	825	666	-----	( <sup>2</sup> )	( <sup>2</sup> )	-----	-----
Arkansas.....	121	382	261	-----	-----	-----	-----	-----
Louisiana.....	887	1,595	708	80	26	70	44	169
	Transportation equipment				Instruments and related products			
United States.....	544,553	987,142	442,589	81	84,867	181,939	97,072	114
Southeast.....	20,688	52,932	32,244	156	( <sup>2</sup> )	<sup>3</sup> 4,778	-----	-----
Virginia.....	9,783	14,686	4,903	50	( <sup>2</sup> )	1,084	-----	-----
North Carolina.....	666	1,058	402	60	-----	35	35	-----
South Carolina.....	187	878	691	-----	( <sup>2</sup> )	( <sup>2</sup> )	-----	-----
Georgia.....	1,782	3,078	1,293	73	( <sup>2</sup> ) 24	66	42	-----
Florida.....	1,696	4,832	3,137	185	( <sup>2</sup> )	( <sup>2</sup> )	-----	-----
Kentucky.....	1,596	2,758	1,162	73	( <sup>2</sup> )	1,140	-----	-----
Tennessee.....	1,058	4,556	3,488	327	( <sup>2</sup> )	1,377	-----	-----
Alabama.....	2,002	7,524	5,522	276	( <sup>2</sup> )	35	-----	-----
Mississippi.....	388	4,885	4,498	-----	-----	11	11	-----
Arkansas.....	53	270	223	-----	-----	962	962	-----
Louisiana.....	1,468	8,390	6,922	472	( <sup>2</sup> )	68	-----	-----
	Miscellaneous manufactures							
United States.....	241,725	397,579	155,854	64				
Southeast.....	7,332	12,706	5,374	73				
Virginia.....	933	1,625	692	74				
North Carolina.....	411	852	441	107				
South Carolina.....	189	621	432	-----				
Georgia.....	1,280	2,238	958	75				
Florida.....	647	1,086	439	68				
Kentucky.....	1,148	1,492	344	30				
Tennessee.....	1,451	2,470	1,019	70				
Alabama.....	349	543	194	56				
Mississippi.....	73	216	143	-----				
Arkansas.....	436	746	310	71				
Louisiana.....	416	817	402	97				

<sup>1</sup> Increase, unless otherwise indicated.<sup>2</sup> Withheld to avoid disclosing figures for individual companies.<sup>3</sup> Omits a number of employees in the States marked "(<sup>2</sup>)."

Source: 1947 Census of Manufactures, Final State Reports (Series M100). Although 1939 data have been adjusted wherever possible to the Standard Industrial Classification used for the 1947 census, figures for the 2 periods are not in every case completely comparable. For full descriptions of the small variations remaining in various industry groups, see the industry volume of the 1947 Census of Manufactures (vol. II).

In order to avoid disclosing figures for individual companies, the statistics for some industry groups are not shown. They are included, however, in the State totals.

E. MANUFACTURING—Continued  
 3. Trends in total manufacturing, 1899-1947<sup>1</sup>

## NUMBER OF ESTABLISHMENTS

Year	United States	Southeast	Virginia	North Carolina	South Carolina	Georgia	Florida	Kentucky	Tennessee	Alabama	Mississippi	Arkansas	Louisiana
	Number												
1899-----	204,750	25,940	3,186	3,465	1,369	3,015	1,275	3,648	3,116	2,000	1,294	1,746	1,826
1909-----	264,810	40,243	5,685	4,931	1,854	4,792	2,159	4,776	4,609	3,398	2,598	2,925	2,516
1919-----	270,231	39,736	5,487	5,690	1,821	4,608	2,503	3,767	4,426	3,522	2,379	3,044	2,489
1929-----	206,663	28,714	3,287	3,797	1,659	4,179	2,212	2,246	2,855	2,848	1,911	1,731	1,989
1939-----	173,802	21,901	2,494	3,158	1,300	3,055	1,976	1,582	2,225	1,982	1,235	1,115	1,779
1947-----	240,881	33,884	3,644	5,322	2,137	4,754	2,807	2,244	3,346	3,335	1,952	1,924	2,389
	Index (1899=100)												
1899-----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1909-----	129.3	155.1	178.4	142.3	135.4	158.9	169.3	130.9	147.9	169.9	200.8	167.5	137.8
1919-----	132.0	153.2	172.2	164.2	133.0	152.8	196.3	103.3	142.0	176.1	183.8	174.3	136.3
1929-----	100.9	110.7	103.2	109.6	121.2	138.6	173.5	61.6	91.6	142.4	147.7	99.1	108.9
1939-----	84.9	84.4	78.3	91.1	95.0	101.3	155.0	43.4	71.4	99.1	95.4	63.9	97.4
1947-----	117.6	130.6	114.4	153.6	156.1	157.7	220.2	61.5	107.4	166.8	153.2	110.2	130.8

ALL EMPLOYEES

[Average for the year]

Year	United States	Southeast	Virginia	North Carolina	South Carolina	Georgia	Florida	Kentucky	Tennessee	Alabama	Mississippi	Arkansas	Louisiana
Number													
1899.....	4,850,019	584,054	70,051	75,216	48,444	87,151	37,252	56,091	49,292	54,970	28,059	33,074	44,454
1909.....	7,012,066	914,325	114,227	128,002	76,303	112,895	62,098	74,010	82,257	78,203	53,787	48,275	84,268
1919.....	9,836,801	1,128,986	132,842	167,848	83,982	135,263	80,086	79,261	107,725	116,440	61,452	54,234	109,853
1929.....	9,659,742	1,278,169	131,586	226,425	113,876	171,734	71,345	88,583	142,020	130,034	56,268	48,747	97,551
1939.....	9,527,306	1,358,096	150,202	293,258	136,094	176,965	62,616	76,504	152,179	129,261	52,064	41,183	87,770
1947.....	14,294,304	1,946,859	216,637	381,480	188,601	249,926	78,665	129,504	221,454	206,136	76,671	65,321	132,464
Index (1899=100)													
1899.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1909.....	144.6	156.5	163.1	170.2	157.5	129.5	166.7	131.9	166.9	142.3	191.7	146.0	189.6
1919.....	202.8	193.3	189.6	223.2	173.4	155.2	215.0	141.3	218.5	211.8	219.0	164.0	247.1
1929.....	199.2	218.8	187.8	301.0	235.1	197.1	191.5	157.9	288.1	236.6	200.5	147.4	219.4
1939.....	196.4	232.5	214.4	389.9	280.9	203.1	168.1	136.4	308.7	235.1	185.6	124.5	197.4
1947.....	294.7	333.3	309.3	507.2	389.3	286.8	211.2	230.9	449.3	375.0	273.2	197.5	298.0

See footnotes at end of table, p. 257.

E. MANUFACTURING—Continued

3. Trends in total manufacturing, 1899-1947—Continued

PRODUCTION WORKERS

[Average for the year]

Year	United States	Southeast	Virginia	North Carolina	South Carolina	Georgia	Florida	Kentucky	Tennessee	Alabama	Mississippi	Arkansas	Louisiana
Number													
1899.....	4,501,919	553,988	66,223	72,322	47,025	83,336	35,471	51,735	45,963	52,711	26,799	31,525	40,878
1909.....	6,261,736	845,175	105,676	121,473	73,046	104,588	57,473	65,400	73,840	72,148	50,384	44,982	76,165
1919.....	8,404,916	1,025,791	118,976	156,376	78,918	122,578	74,166	68,726	94,564	106,679	57,383	49,693	97,742
1929.....	8,369,705	1,171,938	120,273	209,826	108,777	158,774	64,868	77,825	128,400	119,559	52,086	44,205	87,345
1939.....	7,808,205	1,195,975	132,089	269,238	126,408	155,870	51,149	62,481	131,024	115,698	45,893	35,672	70,453
1947.....	11,916,188	1,735,798	190,035	350,207	175,724	225,807	66,027	110,602	192,367	185,645	69,577	58,254	111,553
Index (1899=100)													
1899.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1909.....	139.1	152.6	159.6	168.0	155.3	125.5	162.0	126.4	160.7	136.9	188.0	142.7	186.3
1919.....	188.0	185.2	179.7	216.2	167.8	147.1	209.1	132.8	205.7	202.4	214.1	157.6	239.1
1929.....	185.9	211.5	181.6	290.1	231.3	190.5	182.9	150.4	279.4	226.8	194.4	140.2	213.7
1939.....	173.4	215.9	199.5	372.3	268.8	187.0	144.2	120.8	285.1	219.5	171.2	113.2	172.3
1947.....	264.7	313.3	287.0	484.2	373.7	271.0	186.1	213.8	418.5	352.2	259.6	184.8	272.9

## VALUE ADDED BY MANUFACTURE

Year	United States	Southeast	Virginia	North Carolina	South Carolina	Georgia	Florida	Kentucky	Tennessee	Alabama	Mississippi	Arkansas	Louisiana
Amount (in thousands of dollars)													
1899.....	4,646,981	385,240	49,285	40,420	22,850	45,176	21,336	59,102	38,190	34,112	17,175	21,600	35,994
1909.....	8,160,075	791,935	94,211	94,795	46,885	85,893	46,761	111,975	76,201	62,519	43,630	39,981	89,084
1919.....	23,541,624	2,209,450	271,131	413,707	152,301	251,098	120,151	158,498	210,201	190,965	100,559	96,953	243,886
1929.....	30,591,435	2,927,767	380,086	693,013	159,351	294,649	135,488	236,800	322,898	258,125	107,325	94,255	246,497
1939.....	24,487,304	2,573,723	376,259	544,181	169,294	280,032	115,885	186,485	318,378	245,577	72,661	66,444	198,527
1947.....	74,425,825	8,693,235	1,051,629	1,646,673	794,312	1,015,999	349,976	740,772	957,539	876,933	300,184	265,144	694,074
Index (1899=100)													
1899.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1909.....	175.6	205.6	191.2	234.5	205.2	190.1	219.2	189.5	199.5	183.3	254.0	185.1	247.5
1919.....	513.1	573.5	550.1	1,023.5	666.5	555.8	563.1	268.2	550.4	559.8	585.5	448.9	677.6
1929.....	658.3	760.0	771.2	1,714.5	697.4	652.2	635.0	399.4	845.5	756.7	624.9	436.4	684.8
1939.....	526.9	668.1	763.4	1,346.3	740.9	619.9	543.1	315.5	833.7	719.9	423.1	307.6	551.6
1947.....	1,601.6	2,256.6	2,133.8	4,073.9	3,476.2	2,249.0	1,640.3	1,253.4	2,507.3	2,570.7	1,747.8	1,227.5	1,928.3

<sup>1</sup> Differences in the levels of manufacturing employment in 1939 and 1947 as estimated by the Bureau of Labor Statistics (tables C) and by the Bureau of the Census (tables E) are attributable largely to differences in the definition of manufacturing and in the classification of establishments, administrative offices, and auxiliary units.

Source: 1947 Census of Manufactures. Final State Reports (MC100 series). National series were revised to exclude industries that are no longer counted as manufacturing. Similar adjustments could not be made in the State series, because data were not available for many of these industries on a State basis. The sum of the State and regional figures is therefore not equal to the United States totals.

State figures for 1939 and 1947 exclude, whereas earlier figures include, data for "Railroad repair shops," "Manufactured gas," and a few minor industries. Similarly, dates after 1919 exclude figures on the "Automobile repairing" industry, and "Motion pictures"

were excluded from manufacturing after 1931. For these reasons the State figures for 1939 and 1947 are not completely comparable to those for earlier years.

The minimum size for establishments to be enumerated has varied from one census to another. The chief resulting lack of comparability is seen in data on number of establishments. In 1919 and previously, establishments producing a total value of \$500 or more during the year were included. For the period 1921-39 the lower limit was set at \$5,000. The result was to exclude after 1919 a large number of small establishments, but no large amount of employment or of production. If the \$5,000 limit had been in effect in 1919 some 23 percent of the establishments (those producing between \$500 and \$5,000 worth of manufactures per year) would have been omitted, but only about one-half of 1 percent of the production workers or the value added by manufacture. For the 1947 census, all establishments that employed at least 1 person at any time during the year were included.

## F. CONSTRUCTION

## 1. New construction activity

## VIRGINIA

[In millions of dollars]

Year	Total	Private				Public			
		Total <sup>1</sup>	Residential building (excluding farm)	Non-residential building	Public utility	Total	Non-residential building	Highway	Other <sup>2</sup>
1939	155.3	86.9	53.9	16.0	13.4	68.4	22.7	27.6	18.1
1940	201.7	109.9	62.9	26.9	16.6	91.8	28.3	26.9	36.6
1941	388.0	145.4	75.2	43.7	22.0	242.6	90.3	27.8	124.5
1942	596.8	102.7	61.3	19.3	18.4	494.1	79.9	27.3	386.9
1943	254.4	55.3	30.2	8.4	12.6	199.1	23.8	17.4	157.9
1944	124.6	39.3	15.1	10.3	10.9	85.3	20.2	13.6	51.5
1945	133.6	65.7	18.9	26.1	17.8	67.9	13.6	16.9	37.4
1946	225.7	170.7	71.6	62.2	31.1	55.0	7.5	21.8	25.7
1947	311.3	242.3	129.2	47.5	58.9	69.0	8.1	34.4	26.5
1948	365.3	296.3	170.5	45.4	73.1	69.0	18.3	24.6	26.1
First quarter, 1948	74.0	60.9	34.6	11.1	14.5	13.1	3.1	3.7	6.3
Second quarter, 1948	98.6	79.1	47.4	10.7	18.8	19.5	4.8	8.1	6.6
Third quarter, 1948	103.1	83.5	47.4	11.9	20.9	19.6	5.1	7.7	6.8
First quarter, 1949	74.7	61.0	31.3	11.0	18.1	13.7	4.6	2.4	6.7
Second quarter, 1949	96.3	72.9	39.7	13.2	18.3	23.4	6.3	8.1	9.0
Third quarter, 1949 <sup>3</sup>	108.7	82.1	45.7	15.6	17.9	26.6	6.9	9.1	10.6

## NORTH CAROLINA

1939	114.5	67.7	35.9	15.7	9.7	46.8	17.5	16.8	12.5
1940	120.6	73.3	37.8	13.2	15.7	47.3	8.8	12.6	25.9
1941	192.7	84.3	38.1	22.6	16.3	108.4	9.3	12.6	86.5
1942	294.8	43.7	12.3	11.6	12.9	251.1	15.6	7.4	228.1
1943	163.0	23.6	5.5	2.0	8.0	139.4	10.2	5.2	124.0
1944	69.9	19.3	1.1	4.2	8.7	50.6	3.9	2.7	44.0
1945	62.1	35.7	7.5	12.5	10.0	26.4	3.9	2.2	20.3
1946	193.7	142.9	54.7	59.9	17.5	50.8	3.9	26.4	20.5
1947	282.0	215.4	108.5	61.0	39.2	66.6	8.5	38.0	20.1
1948				60.9	51.6	71.4	18.6	30.4	22.4
First quarter, 1948				14.9	9.5	11.7	3.3	3.8	4.6
Second quarter, 1948				14.5	13.0	18.4	4.2	8.0	6.2
Third quarter, 1948				16.3	15.1	22.8	5.2	11.3	6.3
First quarter, 1949						17.9	6.4	6.0	5.5
Second quarter, 1949						24.0	7.4	11.7	4.9
Third quarter, 1949 <sup>3</sup>						2.14	8.9	7.3	5.2

## SOUTH CAROLINA

1939	51.4	30.3	16.5	6.9	4.4	21.1	6.1	9.5	5.5
1940	63.0	34.2	17.0	8.2	6.0	28.8	4.2	9.3	15.3
1941	116.1	42.3	19.2	12.0	7.5	73.8	10.5	10.5	52.8
1942	140.7	23.2	9.0	5.8	6.1	117.5	19.6	7.7	90.2
1943	64.7	9.1	1.8	.9	3.3	45.6	5.5	3.3	36.8
1944	25.1	10.3	1.8	2.2	4.3	14.8	2.7	2.6	9.5
1945	23.8	14.5	1.8	3.5	6.7	9.3	1.9	3.2	4.2
1946	85.3	60.6	13.8	34.0	8.9	24.7	6.3	10.1	8.3
1947	127.7	87.6	33.1	33.1	18.0	40.1	3.7	23.2	13.2
1948				30.3	23.5	64.6	8.5	25.8	20.3
First quarter, 1948				5.6	4.5	9.3	1.6	4.1	3.6
Second quarter, 1948				7.6	5.7	13.0	1.6	7.3	4.1
Third quarter, 1948				9.3	6.9	15.4	2.0	8.7	4.7
First quarter, 1949						14.8	2.4	5.1	7.3
Second quarter, 1949						16.8	3.1	7.4	6.3
Third quarter, 1949 <sup>3</sup>						14.2	3.1	7.0	4.1

See footnotes at end of table, p. 261.



## F. CONSTRUCTION—Continued

## 1. New construction activity—Continued

## GEORGIA

[Millions of dollars]

Year	Total	Private				Public			
		Total	Residential building (excluding farm)	Non-residential building	Public utility	Total	Non-residential building	Highway	Other
1939.....	97.3	56.9	29.2	12.5	11.1	40.4	12.2	19.7	8.5
1940.....	132.7	61.0	30.4	13.2	13.5	71.7	6.1	27.5	38.1
1941.....	220.7	78.5	30.0	25.4	17.7	142.2	5.3	21.7	115.2
1942.....	231.4	48.6	14.5	13.2	17.0	182.8	33.2	12.6	137.0
1943.....	167.2	31.7	17.8	1.8	7.1	135.5	47.7	11.2	76.6
1944.....	66.2	25.4	9.1	3.6	9.1	40.8	3.5	7.9	29.4
1945.....	61.2	38.3	9.9	9.8	15.1	22.9	2.1	11.1	9.7
1946.....	190.2	154.4	50.4	70.3	27.4	35.8	2.4	20.4	13.0
1947.....	230.1	177.0	78.3	53.6	39.5	53.1	9.6	19.5	24.0
1948.....	288.6	222.7	102.1	48.8	63.1	65.9	16.8	27.0	22.1
First quarter, 1948.....	54.2	43.8	20.1	11.0	11.8	10.4	3.0	2.8	4.6
Second quarter, 1948.....	72.2	57.5	28.0	11.4	15.5	14.7	3.7	5.4	5.6
Third quarter, 1948.....	87.3	64.3	28.8	13.2	18.4	23.0	4.9	12.1	6.0
First quarter, 1949.....	66.7	48.6	20.4	12.0	15.5	18.1	5.3	6.4	6.4
Second quarter, 1949.....	81.8	60.1	26.6	13.1	18.3	21.7	6.1	8.4	7.2
Third quarter, 1949 <sup>3</sup> .....	91.3	71.4	34.0	13.2	20.7	19.9	6.4	6.3	7.2

## FLORIDA

1939.....	132.3	89.6	69.5	11.0	5.7	42.7	6.9	13.4	22.4
1940.....	188.5	112.8	78.8	22.1	7.9	75.7	3.3	14.1	58.3
1941.....	253.9	121.4	86.6	19.6	11.0	132.5	4.3	12.7	115.5
1942.....	336.9	49.7	25.1	11.7	9.3	287.2	27.3	11.0	248.9
1943.....	250.8	28.0	14.4	3.1	6.6	222.8	5.3	11.6	205.9
1944.....	108.5	33.9	15.0	6.0	9.4	74.6	2.3	13.8	58.5
1945.....	131.4	58.1	31.2	10.6	13.0	73.3	3.9	10.7	58.7
1946.....	306.0	248.7	159.8	58.7	23.8	57.3	8.8	16.5	32.0
1947.....	460.4	384.0	276.4	64.5	34.1	76.4	19.7	32.2	24.5
1948.....	623.6	454.1	400.3	80.6	47.7	89.5	22.7	37.5	29.3
First quarter, 1948.....	126.2	106.9	79.9	17.5	8.9	19.3	4.7	7.8	6.8
Second quarter, 1948.....	165.4	140.5	108.8	18.0	12.1	24.9	5.0	11.5	8.4
Third quarter, 1948.....	174.5	148.6	110.5	21.9	13.7	25.9	6.0	11.8	8.1
First quarter, 1949.....	129.4	109.6	77.9	20.8	10.5	19.8	7.5	5.0	7.3
Second quarter, 1949.....	127.7	106.4	74.6	19.7	10.8	21.3	7.3	6.9	7.1
Third quarter, 1949 <sup>3</sup> .....	126.0	104.4	71.5	18.1	12.6	21.6	7.9	7.1	6.6

## KENTUCKY

1939.....	89.3	44.3	19.3	9.7	10.7	45.0	13.2	14.8	17.0
1940.....	97.6	46.8	18.5	12.2	11.9	50.8	6.8	14.3	29.7
1941.....	128.6	56.6	20.4	18.6	12.2	72.0	10.9	16.3	44.8
1942.....	209.9	36.3	8.7	11.0	12.1	173.6	48.9	12.7	112.0
1943.....	117.4	16.9	2.4	1.7	7.8	100.5	42.0	9.9	48.6
1944.....	63.3	25.4	1.0	2.6	18.0	37.9	11.1	6.4	20.4
1945.....	61.5	37.2	2.2	14.3	17.3	24.3	7.3	8.4	8.6
1946.....	124.3	84.9	16.3	34.2	27.1	39.4	5.9	13.8	19.7
1947.....	184.7	133.8	39.5	35.7	47.4	50.9	8.8	26.1	16.0
1948.....	.....	.....	.....	37.8	73.4	78.4	12.2	26.6	39.6
First quarter, 1948.....	.....	.....	.....	7.2	13.4	10.0	2.7	2.1	5.2
Second quarter, 1948.....	.....	.....	.....	6.4	17.8	19.4	3.1	7.1	9.2
Third quarter, 1948.....	.....	.....	.....	10.6	22.4	26.2	3.4	9.7	13.1
First quarter, 1949.....	.....	.....	.....	.....	.....	13.5	2.9	3.1	7.5
Second quarter, 1949.....	.....	.....	.....	.....	.....	28.4	3.7	9.7	15.0
Third quarter, 1949 <sup>3</sup> .....	.....	.....	.....	.....	.....	30.8	4.4	14.0	12.4

See footnotes at end of table, p. 261.

## F. CONSTRUCTION—Continued

## 1. New construction activity—Continued

## TENNESSEE

(In millions of dollars)

Year	Total	Private				Public			
		Total <sup>1</sup>	Residential building (excluding farm)	Non-residential building	Public utility	Total	Non-residential building	Highway	Other <sup>2</sup>
1939	90.5	42.0	20.9	9.3	8.0	48.5	10.9	13.8	23.8
1940	115.8	46.7	22.3	12.8	8.1	69.1	7.4	13.4	48.3
1941	241.3	74.0	30.9	24.8	13.7	167.3	49.8	15.6	101.9
1942	344.4	37.5	11.2	13.9	7.8	306.9	65.4	10.6	230.9
1943	186.4	22.0	4.0	8.7	4.8	164.4	62.3	7.3	94.8
1944	65.7	31.5	9.2	9.0	10.0	34.2	7.3	6.7	20.2
1945	112.0	73.6	16.5	40.9	13.2	38.4	14.3	8.3	15.8
1946	206.9	151.2	35.9	90.0	19.8	55.7	9.6	18.0	28.1
1947	227.4	149.2	59.1	53.9	28.3	78.2	8.3	21.2	48.7
1948	294.7	182.2	68.4	48.6	57.1	112.5	24.8	39.3	48.4
First quarter, 1948	54.5	38.1	14.2	11.5	11.6	16.4	3.4	3.9	9.1
Second quarter, 1948	73.1	46.7	18.6	11.3	14.4	26.4	5.0	10.1	11.3
Third quarter, 1948	87.6	52.1	19.3	12.8	16.3	35.5	7.4	13.6	14.5
First quarter, 1949	67.0	38.8	11.5	11.6	15.1	28.2	9.4	9.9	8.9
Second quarter, 1949	76.6	47.2	15.5	12.2	17.5	29.4	10.6	9.1	9.7
Third quarter, 1949 <sup>3</sup>	93.6	58.1	21.7	14.1	19.1	35.5	10.4	12.7	12.4

## ALABAMA

1939	81.0	35.6	16.3	8.9	7.4	45.4	18.9	14.9	11.6
1940	90.1	40.0	17.6	11.0	8.8	50.1	16.8	13.9	19.4
1941	183.3	61.8	22.1	25.3	11.3	121.5	57.3	10.4	53.8
1942	306.7	40.5	12.4	13.7	11.1	266.2	117.4	10.8	138.0
1943	116.9	17.4	6.3	2.0	5.4	99.5	37.6	4.2	57.7
1944	57.7	28.2	3.5	3.1	19.0	29.5	6.8	2.9	19.8
1945	68.2	26.8	5.7	7.3	11.2	41.4	20.0	6.7	14.7
1946	129.5	84.4	28.6	33.0	18.4	45.1	8.1	10.2	26.8
1947	193.0	143.9	60.7	46.4	32.3	49.1	10.3	26.7	12.1
1948				49.2	62.4	50.3	11.8	16.4	22.1
First quarter, 1948				8.3	11.7	8.0	2.1	1.6	4.3
Second quarter, 1948				11.2	15.6	13.9	2.5	5.1	6.3
Third quarter, 1948				16.2	18.1	15.9	3.5	5.7	6.7
First quarter, 1949						11.3	4.6	2.8	3.9
Second quarter, 1949						15.8	6.2	5.5	4.1
Third quarter, 1949 <sup>3</sup>						19.4	7.7	7.6	4.1

## MISSISSIPPI

1939	71.2	22.6	9.5	2.3	6.4	48.6	10.2	29.6	8.8
1940	75.9	27.0	9.7	5.0	8.3	48.9	5.3	23.5	20.1
1941	106.9	27.9	9.8	7.0	7.3	79.0	10.4	13.4	65.2
1942	196.5	20.4	3.4	4.5	7.6	176.1	30.1	7.1	138.9
1943	56.0	11.8	1.6	.6	4.5	44.2	2.7	4.5	37.0
1944	35.6	14.9	1.4	.9	9.0	20.7	5.5	2.4	12.8
1945	37.0	24.2	2.5	6.9	11.3	12.8	4.0	2.2	6.6
1946	78.6	56.1	16.0	14.7	20.4	22.5	1.7	10.5	10.3
1947	123.9	88.1	31.7	17.2	35.5	35.8	5.8	17.9	12.1
1948				15.0	66.3	60.8	15.4	28.6	16.8
First quarter, 1948				4.9	12.8	8.4	2.2	3.5	2.7
Second quarter, 1948				3.6	16.4	15.7	3.7	8.2	3.8
Third quarter, 1948				3.2	19.1	22.0	4.6	11.8	5.6
First quarter, 1949						9.8	4.0	2.0	3.8
Second quarter, 1949						14.2	4.3	4.4	5.5
Third quarter, 1949 <sup>3</sup>						17.5	4.4	6.0	7.1

See footnotes at end of table, p. 261.

## F. CONSTRUCTION—Continued

## 1. New construction activity—Continued

## ARKANSAS

[In millions of dollars]

Year	Total	Private				Public			
		Total <sup>1</sup>	Residential building (excluding farm)	Non-residential building	Public utility	Total	Non-residential building	Highway	Other <sup>2</sup>
1939	45.0	25.1	7.6	6.3	7.2	19.9	6.8	5.3	7.8
1940	54.2	28.6	9.8	6.7	8.0	25.6	5.0	7.4	13.2
1941	98.7	36.5	13.0	9.7	8.8	62.2	23.6	4.3	34.3
1942	231.0	31.2	7.9	7.0	10.9	199.8	102.5	3.5	93.8
1943	100.2	17.5	1.7	2.8	8.0	82.7	26.0	3.2	53.5
1944	44.0	19.2	1.2	4.8	9.7	24.8	6.2	5.2	13.4
1945	139.9	28.2	2.8	10.2	12.0	111.7	98.6	2.4	10.7
1946	106.6	70.2	17.1	27.4	20.8	36.4	12.9	7.6	15.9
1947	157.8	120.8	51.5	20.1	42.5	37.0	4.3	12.3	20.4
1948				29.7	57.7	50.5	11.6	11.6	27.3
First quarter, 1948				5.9	10.4	8.8	2.1	2.4	4.3
Second quarter, 1948				6.6	14.2	12.8	2.9	4.2	5.7
Third quarter, 1948				8.1	17.4	14.3	2.9	2.9	8.5
First quarter, 1949						12.3	4.6	4.4	7.3
Second quarter, 1949						18.2	6.1	3.0	9.1
Third quarter, 1949 <sup>3</sup>						18.5	5.9	4.9	7.7

LOUISIANA<sup>1</sup>

1939	104.6	44.8	24.3	9.9	7.4	59.8	23.8	13.9	22.1
1940	108.4	42.7	21.4	9.5	8.5	65.7	12.5	12.2	41.0
1941	188.2	65.1	36.5	14.9	10.3	123.1	24.5	7.8	90.8
1942	227.7	36.2	15.0	6.7	11.6	191.5	48.9	9.8	132.8
1943	193.9	25.6	10.8	1.4	9.8	168.3	55.1	6.4	105.8
1944	74.3	38.1	13.4	2.9	19.1	36.2	12.3	6.6	17.3
1945	72.1	39.4	11.3	11.1	14.8	32.7	10.4	6.5	15.8
1946	101.7	72.1	27.0	22.4	18.7	29.6	3.7	5.4	20.5
1947	213.0	165.8	60.9	40.9	60.6	47.2	6.6	20.5	20.1
1948				72.6	67.5	99.0	21.0	28.9	49.1
First quarter, 1948				24.6	12.9	15.8	3.5	4.7	7.6
Second quarter, 1948				21.5	16.9	25.2	5.1	7.7	12.4
Third quarter, 1948				15.9	19.6	31.3	6.4	9.1	15.8
First quarter, 1949						22.5	6.0	6.1	10.4
Second quarter, 1949						30.5	9.6	9.6	11.3
Third quarter, 1949 <sup>3</sup>						33.1	9.9	11.1	12.1

<sup>1</sup> Includes farm construction.<sup>2</sup> Includes residential building, military and naval, miscellaneous public-service enterprises, conservation and development, sewer and water, and all other public construction.<sup>3</sup> Third quarter figures are preliminary.

Source: U. S. Department of Commerce,

## F. CONSTRUCTION—Continued

2. Building construction in large cities, 1921-49<sup>1</sup>

[In thousands of dollars]

Year	Atlanta	Birmingham	Charlotte	Chattanooga	Jacksonville	Knoxville	Louisville
1921	11,193	6,293	2,072	2,403	5,037	2,665	7,428
1922	20,556	7,171	5,213	2,514	5,627	5,042	17,476
1923	26,596	11,146	5,000	2,855	7,433	6,588	15,926
1924	17,976	18,166	6,286	2,885	7,186	6,512	18,663
1925	10,153	16,622	7,434	4,977	14,601	6,329	29,504
1926	17,175	17,171	7,182	4,808	20,789	10,710	20,252
1927	11,861	21,787	5,555	4,874	12,766	5,699	23,341
1928	27,395	14,225	7,458	4,703	7,660	7,115	18,120
1929	12,564	8,234	3,729	2,261	4,580	5,499	13,205
1930	8,446	2,420	2,588	2,934	2,410	3,627	6,937
1931	3,471	1,937	1,318	1,230	1,847	1,035	5,585
1932	3,520	699	602	2,185	2,344	1,415	2,415
1933	946	515	736	631	1,530	475	1,627
1934	2,508	965	804	625	2,150	1,072	2,403
1935	6,643	2,335	1,491	1,190	3,107	2,350	3,525
1936	4,789	3,625	2,745	2,752	4,843	2,698	5,963
1937	4,675	2,833	3,483	2,769	4,881	2,086	4,745
1938	3,956	2,676	2,921	3,601	7,450	1,679	3,847
1939	14,968	8,695	5,699	5,206	7,373	4,943	8,770
1940	9,819	7,882	4,582	3,223	10,077	1,644	5,130
1947	28,439	18,041	10,955	6,782	21,128	10,656	18,769
1948	31,824	18,141	17,581	7,811	16,112	11,559	14,268
1949	30,414	37,865	23,351	9,027	22,481	7,347	22,358

Year	Memphis	Miami	Nashville	New Orleans	Norfolk	Richmond	Tampa
1921	8,849	(?)	3,277	8,738	5,014	9,277	(?)
1922	19,896	4,604	5,522	13,771	5,197	14,689	3,085
1923	17,434	7,213	10,239	13,988	5,327	15,642	3,681
1924	19,271	17,027	5,528	16,979	6,484	13,613	6,573
1925	15,316	58,628	6,386	16,345	2,898	19,398	22,759
1926	15,332	35,243	5,243	18,586	2,772	10,025	15,480
1927	12,403	9,541	7,078	15,897	3,347	15,216	6,145
1928	14,283	1,946	5,565	12,628	3,840	8,845	3,617
1929	8,062	3,615	5,695	11,971	2,730	9,146	1,858
1930	9,501	1,917	5,517	6,487	2,603	5,951	1,302
1931	3,334	3,097	4,403	5,526	1,640	3,054	741
1932	1,809	1,197	1,124	3,406	3,091	1,096	414
1933	1,629	1,722	1,829	1,251	1,095	1,025	407
1934	2,144	2,711	1,359	1,422	1,435	1,803	440
1935	2,831	5,643	3,545	4,052	2,712	1,797	962
1936	10,646	13,303	7,635	4,844	2,179	3,725	1,410
1937	6,589	13,670	4,567	13,416	3,382	4,269	2,037
1938	6,348	11,707	3,346	5,811	8,266	4,595	1,351
1939	10,356	16,365	3,601	19,230	5,892	7,762	2,767
1940	10,123	14,868	5,467	16,794	14,804	5,240	3,660
1947	27,047	51,628	6,798	12,464	16,402	16,611	9,316
1948	32,223	54,886	9,782	28,289	16,032	21,468	8,721
1949	34,926	43,626	18,774	56,038	12,232	18,060	9,360

<sup>1</sup> Value of permits issued and Federal construction contracts awarded for building construction in cities having a 1940 population of 100,000 or more; covers all classes of building, including additions, alterations, and repairs; covers only construction within official city limits, and does not include suburban developments outside of corporate limits.

<sup>2</sup> Not available.

Source: U. S. Department of Labor, Bureau of Labor Statistics.

## F. CONSTRUCTION—Continued

3. Number of new dwelling units authorized in urban areas, 1921-49<sup>1</sup>

	1921	1922	1923	1924	1925	1926	1927	1928
Southeast.....								
Virginia.....								
Norfolk.....	419	732	995	903	523	437	496	634
Richmond.....	741	1,363	1,513	1,950	2,173	1,224	1,774	764
North Carolina.....								
Charlotte.....	322	695	795	852	859	738	1,052	1,237
South Carolina.....								
Georgia.....								
Atlanta.....	1,614	3,590	3,792	3,333	1,994	2,173	2,563	3,170
Florida.....								
Jacksonville.....	747	609	877	845	1,542	2,373	2,098	1,658
Miami.....	(?)	959	2,338	9,162	9,361	3,902	698	124
Tampa.....	(?)	422	691	1,250	3,594	2,623	826	647
Kentucky.....								
Louisville.....	677	1,548	2,303	2,727	3,989	2,581	1,574	1,542
Tennessee.....								
Chattanooga.....	226	303	259	335	648	902	596	611
Knoxville.....	489	854	982	1,083	832	641	818	940
Memphis.....	1,245	2,244	2,136	2,396	2,075	2,066	1,865	1,887
Nashville.....	470	696	752	686	700	674	654	753
Alabama.....								
Birmingham.....	1,659	1,458	3,138	3,607	4,063	3,319	3,019	2,589
Mississippi.....								
Arkansas.....								
Louisiana.....								
New Orleans.....	2,335	3,428	3,271	2,776	2,741	2,038	2,077	2,107

	1929	1930	1931	1932	1933	1934	1935	1936
Southeast.....								
Virginia.....								
Norfolk.....	233	220	262	218	161	42	133	183
Richmond.....	590	227	191	111	85	61	104	207
North Carolina.....								
Charlotte.....	500	317	203	65	52	58	159	399
South Carolina.....								
Georgia.....								
Atlanta.....	1,389	714	423	209	200	122	1,627	468
Florida.....								
Jacksonville.....	638	186	160	125	139	146	450	861
Miami.....	112	114	167	100	77	282	919	2,160
Tampa.....	188	91	65	46	29	21	49	75
Kentucky.....								
Louisville.....	1,427	428	156	78	77	88	286	832
Tennessee.....								
Chattanooga.....	324	223	123	38	22	25	66	96
Knoxville.....	472	238	90	68	51	38	140	252
Memphis.....	1,246	1,057	227	103	77	44	81	1,379
Nashville.....	781	358	279	153	105	103	214	654
Alabama.....								
Birmingham.....	686	166	94	40	28	9	117	639
Mississippi.....								
Arkansas.....								
Louisiana.....								
New Orleans.....	1,060	258	349	225	106	74	157	529

See footnotes at end of table, p. 264.

## F. CONSTRUCTION—Continued

3. Number of new dwelling units authorized in urban areas, 1921-49<sup>1</sup>—Continued

	1937	1938	1939	1940	1947	1948	1949
Southeast.....				72,518	97,287	89,866	112,105
Virginia.....				10,935	10,805	9,027	10,564
Norfolk.....	251	529	540	2,435	1,419	1,936	1,509
Richmond.....	298	545	352	616	1,722	943	890
North Carolina.....				6,703	10,222	9,579	12,715
Charlotte.....	425	506	1,390	980	1,357	1,198	3,338
South Carolina.....				3,430	3,089	3,917	5,963
Georgia.....				8,801	7,216	7,161	9,071
Atlanta.....	625	675	3,263	2,358	1,379	1,071	2,144
Florida.....				15,303	27,381	24,644	27,115
Jacksonville.....	610	1,122	1,291	1,754	1,541	1,172	1,987
Miami.....	2,107	2,109	3,726	2,703	6,043	5,711	4,900
Tampa.....	82	124	715	939	887	886	827
Kentucky.....				2,678	4,622	3,295	3,488
Louisville.....	602	541	2,187	794	2,665	1,380	1,373
Tennessee.....				5,145	8,373	7,349	8,756
Chattanooga.....	112	126	1,125	212	513	349	442
Knoxville.....	239	200	1,129	250	812	443	433
Memphis.....	464	722	2,313	2,113	3,440	3,443	4,218
Nashville.....	746	368	254	1,038	522	321	688
Alabama.....				6,415	10,123	7,914	12,098
Birmingham.....	217	217	1,234	2,011	2,416	1,803	4,193
Mississippi.....				4,445	4,581	4,325	6,801
Arkansas.....				2,069	4,488	3,850	5,412
Louisiana.....				6,594	6,387	8,805	10,122
New Orleans.....	587	688	3,401	3,705	1,335	3,446	4,248

<sup>1</sup> Based on building permits issued, Federal contracts awarded, and State and local public housing started. Attention is directed to the fact that this tabulation pertains only to building authorized within urban places. Urban as defined by the Bureau of the Census covers incorporated places of 2,500 population or more in 1940 and, by special rule, a small number of unincorporated civil divisions. Building outside these city limits is excluded, even when it is located in populous suburban areas that may be an integral part of a city's economic and social life. These data do not represent the volume of housing actually started during the years shown, because adjustment has not been made for lapsed building permits, nor for lag between permit issuance or contract award dates and the start of construction.

<sup>2</sup> Not available.

Source: Bureau of Labor Statistics. State estimates are not available prior to 1940.

## G. AGRICULTURE

## 1. Number of farms

State	Number (in thousands)					Percent change, 1910-45 <sup>1</sup>	
	1910	1920	1930	1940	1945	Number of farms	Land in farms
United States.....	6,362	6,448	6,289	6,097	5,859	-7.9	29.9
Southeast.....	2,333	2,434	2,389	2,259	2,183	-6.4	-5.4
Virginia.....	184	186	171	175	173	-6.0	-16.1
North Carolina.....	254	270	280	278	287	13.0	-17.0
South Carolina.....	176	193	158	138	148	-15.9	-18.4
Georgia.....	291	311	256	216	226	-22.3	-12.2
Florida.....	50	54	59	62	61	22.0	149.0
Kentucky.....	259	271	246	253	230	-7.7	-11.1
Tennessee.....	246	253	246	248	234	-4.9	-11.2
Alabama.....	263	266	257	232	223	-15.2	-8.0
Mississippi.....	274	272	313	291	264	-3.6	5.7
Arkansas.....	215	233	242	217	199	-7.4	-3.2
Louisiana.....	121	135	161	150	129	6.6	-3.8

<sup>1</sup> Increase, unless otherwise indicated.

Source: U. S. Census of Agriculture.

## G. AGRICULTURE—Continued

## 2. Value of farm real estate

State	Average value of farm land and improvements per acre, as of Mar. 1 (1912-14=100)					
	1915	1920	1930	1940	1947	1949
United States.....	103	170	115	84	159	175
Southeast:						
Virginia.....	97	189	134	112	224	246
North Carolina.....	102	223	158	138	310	341
South Carolina.....	94	230	104	89	196	224
Georgia.....	94	217	100	82	173	195
Florida.....	97	178	172	133	226	206
Kentucky.....	100	200	127	113	264	284
Tennessee.....	100	200	123	108	243	271
Alabama.....	98	177	143	122	247	275
Mississippi.....	97	218	122	106	216	251
Arkansas.....	95	222	141	95	214	260
Louisiana.....	95	198	132	121	205	230

Source: U. S. Department of Agriculture, Current Developments in the Farm Real Estate Market, September 1949.

## 3. Chief agricultural products, 1929, 1939, 1948, as shown by cash receipts from farm marketings

## VIRGINIA

Product	Receipts (in thousands of dollars)			Percent		
	1929	1939	1948	1929	1939	1948
Total crops and livestock.....	168,940	116,453	447,862	100.0	100.0	100.0
Tobacco.....	19,102	18,388	70,128	11.3	15.8	15.7
Dairy products.....	19,526	15,744	68,178	11.6	13.5	15.2
Cattle, calves.....	14,775	10,636	45,615	8.7	9.1	10.2
Chickens.....	8,031	9,356	35,294	4.8	8.0	7.9
Eggs.....	15,326	9,196	37,679	9.1	7.9	8.4
Hogs.....	10,459	7,174	30,378	6.2	6.2	6.8
Other products.....	81,721	45,959	160,590	48.3	39.5	35.8

## NORTH CAROLINA

Total crops and livestock.....	241,521	219,475	791,963	100.0	100.0	100.0
Tobacco.....	90,498	123,569	377,272	37.5	56.3	47.6
Cotton lint.....	67,942	20,660	104,582	28.1	9.4	13.2
Other products.....	83,081	75,246	310,109	34.4	34.3	39.2

## SOUTH CAROLINA

Total crops and livestock.....	132,937	98,508	349,462	100.0	100.0	100.0
Cotton lint.....	78,769	40,987	130,934	59.3	41.6	37.5
Tobacco.....	13,635	19,447	66,175	10.2	19.7	18.9
Other products.....	40,633	38,074	152,353	30.5	38.7	43.6

## GEORGIA

Total crops and livestock.....	222,762	130,662	519,520	100.0	100.0	100.0
Cotton lint.....	119,872	40,371	110,040	53.8	30.9	21.2
Tobacco.....	16,655	12,873	46,928	7.5	9.9	9.0
Dairy products.....	12,545	11,222	31,450	5.6	8.6	6.1
Hogs.....	7,748	11,198	46,353	3.5	8.6	8.9
Peanuts.....	8,102	10,430	76,984	3.6	8.0	14.8
Cattle, calves.....	5,677	5,061	37,582	2.6	3.9	7.2
Chickens.....	3,713	2,879	35,071	1.7	2.2	6.8
Other products.....	48,450	36,628	135,112	21.7	27.9	26.0

## G. AGRICULTURE—Continued

## 3. Chief agricultural products, 1929, 1939, 1948, as shown by cash receipts from farm marketings—Continued

FLORIDA						
Product	Receipts (in thousands of dollars)			Percent		
	1929	1939	1948	1929	1939	1948
Total crops and livestock	117,839	131,853	335,315	100.0	100.0	100.0
Truck crops	30,325	39,982	88,507	25.7	30.3	26.4
Oranges	21,437	33,976	57,970	18.2	25.8	17.3
Dairy products	10,044	9,843	32,572	8.5	7.5	9.7
Cattle, calves	3,560	3,505	30,753	3.0	2.7	9.2
Other products	52,473	44,547	125,513	44.6	33.7	37.4
KENTUCKY						
Total crops and livestock	185,464	141,705	591,552	100.0	100.0	100.0
Tobacco	71,687	48,827	195,938	38.7	34.5	33.1
Cattle, calves	24,205	22,449	131,386	13.1	15.8	22.2
Other products	89,572	70,429	264,228	48.2	49.7	44.7
TENNESSEE						
Total crops and livestock	169,834	118,185	502,855	100.0	100.0	100.0
Cotton lint	46,783	19,858	105,783	27.6	16.8	21.0
Cattle, calves	15,219	15,363	72,113	9.0	13.0	14.3
Dairy products	20,230	16,566	68,250	11.9	14.0	13.6
Tobacco	19,168	13,549	64,276	11.3	11.5	12.8
Other products	68,434	52,849	192,433	40.2	44.7	38.3
ALABAMA						
Total crops and livestock	187,911	86,665	426,253	100.0	100.0	100.0
Cotton lint	127,890	35,582	179,381	68.1	41.1	42.1
Cattle, calves	5,320	6,800	44,259	2.8	7.8	10.4
Hogs	4,616	6,591	31,754	2.5	7.6	7.5
Dairy products	9,583	7,721	25,376	5.1	8.9	6.0
Peanuts	3,489	3,336	33,191	2.0	3.8	7.8
Other products	37,013	26,635	112,292	19.5	30.8	26.2
MISSISSIPPI						
Total crops and livestock	231,435	134,967	532,541	100.0	100.0	100.0
Cotton lint	158,431	78,843	297,399	68.5	58.4	55.8
Other products	73,004	56,124	235,142	31.5	41.6	44.2
ARKANSAS						
Total crops and livestock	194,367	137,275	557,403	100.0	100.0	100.0
Cotton lint	117,572	64,267	250,278	60.5	46.8	44.9
Cattle, calves	6,650	10,079	54,208	3.4	7.3	9.7
Cottonseed	16,378	10,371	44,660	8.4	7.6	8.0
Hogs	5,510	10,009	36,068	2.8	7.3	6.5
Other products	48,257	42,549	172,189	24.9	31.0	30.9
LOUISIANA						
Total crops and livestock	161,797	109,565	351,360	100.0	100.0	100.0
Cotton lint	78,080	33,043	107,690	48.3	31.0	30.6
Rice	16,828	12,097	47,032	10.4	11.0	13.4
Cattle, calves	7,657	8,048	43,903	4.7	7.3	12.5
Sugarcane for sugar	11,001	14,599	27,869	6.8	13.3	7.9
Other products	48,231	40,878	124,866	29.8	37.4	35.6

Source: U. S. Department of Agriculture, Bureau of Agricultural Economics. 1929 and 1939, from Cash Receipts from Farming by States and Commodities, Calendar Years 1942-44. 1948, from Farm Income Situation, June 1949.



## G. AGRICULTURE—Continued

## 4. Farm wage rates

State	Composite rate per month <sup>1</sup>				Percent of United States average			
	1919	1929	1939	1948	1919	1929	1939	1948
United States.....	\$51.13	\$44.52	\$30.56	\$107	100.0	100.0	100.0	100.0
Southeast:								
Virginia.....	38.20	37.20	26.70	86	74.7	83.6	87.4	80.4
North Carolina.....	37.90	33.60	21.80	74	74.1	75.5	71.3	69.2
South Carolina.....	29.20	23.40	15.60	53	57.1	52.6	51.0	49.5
Georgia.....	32.80	23.80	15.80	61	64.2	53.5	51.7	47.0
Florida.....	30.80	29.90	21.90	79	60.2	67.2	71.7	73.8
Kentucky.....	39.20	33.00	24.90	75	76.7	74.1	81.5	70.1
Tennessee.....	35.00	29.10	20.30	64	68.5	65.4	66.4	59.8
Alabama.....	31.80	26.40	17.00	60	62.2	59.3	55.6	56.1
Mississippi.....	33.60	28.70	17.90	60	65.7	64.5	58.6	56.1
Arkansas.....	40.00	31.50	20.30	75	78.2	70.8	66.4	70.1
Louisiana.....	36.00	31.00	20.10	64	70.4	69.6	65.8	59.8

<sup>1</sup> Composite is a weighted average of monthly and daily wage rates with and without board.

Source: U. S. Department of Agriculture, Farm Labor.

## H. TIMBER RESOURCES AND LUMBER CUT

State	Estimated volume of standing saw timber on commercial forest land, 1945		Lumber sawed				
			Million board feet		Percent change, 1942-47 <sup>1</sup>	Percent of United States total	
	Million board feet	Percent of United States total	1942	1947		E	1942
					A		B
United States.....	1,600,972	100.00	36,332	35,404	-2.6	100.0	100.0
Southeast.....	319,843	19.98	14,588	12,649	-13.3	40.2	35.7
Virginia.....	25,320	1.58	1,214	1,166	-3.9	3.3	3.3
North Carolina.....	42,241	2.64	1,692	1,540	-9.0	4.7	4.3
South Carolina.....	29,580	1.85	1,083	871	-19.6	3.0	2.5
Georgia.....	40,543	2.53	1,971	1,687	-14.4	5.4	4.8
Florida.....	17,308	1.08	654	534	-18.4	1.8	1.5
Kentucky.....	12,392	.77	466	439	-5.9	1.3	1.2
Tennessee.....	14,222	.89	743	665	-10.4	2.0	1.9
Alabama.....	33,361	2.09	2,110	1,795	-14.9	5.8	5.1
Mississippi.....	30,463	1.90	1,852	1,397	-24.5	5.1	3.9
Arkansas.....	37,528	2.34	1,573	1,285	-18.3	4.3	3.6
Louisiana.....	36,895	2.30	1,232	1,269	3.1	3.4	3.6

<sup>1</sup> Increase, unless otherwise indicated.

Source: Columns A and B Agricultural Statistics, 1948. Columns C and D, 1947, Census of Manufactures, Pamphlet MC 24A.

## J. MINERALS

## 1. Value of mineral production, 1940 and 1948

State	Amount (in thousands of dollars)		Percent of United States total	
	1940	1948	1940	1948
United States <sup>1</sup> .....	5,613,900	15,670,000	100.0	100.0
Southeast.....	509,564	1,915,528	12.2	15.4
Virginia.....	49,931	157,724	1.2	1.2
North Carolina.....	21,113	27,585	.5	.2
South Carolina.....	5,306	12,105	.1	.1
Georgia.....	16,932	42,662	.4	.3
Florida.....	14,854	53,877	.4	.4
Kentucky.....	115,941	506,249	2.8	4.1
Tennessee.....	42,681	95,863	1.0	.8
Alabama.....	64,998	182,987	1.6	1.5
Mississippi.....	5,897	119,635	.1	1.0
Arkansas.....	35,367	123,138	.8	1.0
Louisiana.....	136,544	593,403	3.3	4.8

<sup>1</sup> The United States figure is greater than the sum of State figures, principally because it includes pig iron, ferro-alloy metals, and aluminum valued at the smelter, instead of ore at the mine; natural gas valued at points of consumption rather than at wells; and the mineral production of Alaska and insular territories.

Source: U. S. Department of the Interior, Bureau of Mines.

## 2. Iron ore mined

State	Production by year			
	Amount (in thousands of gross tons)			Percent change, 1929-48 <sup>1</sup>
	1929	1939	1948	
United States.....	73,028	51,732	101,003	38.3
Southeast.....	6,645	<sup>2</sup> 6,022	8,366	25.9
Virginia.....		( <sup>3</sup> )	3	
North Carolina.....	31			-100.0
Georgia.....	59	26	274	364.4
Tennessee.....	102	<sup>3</sup> 35		-100.0
Alabama.....	6,453	5,961	8,089	25.4

<sup>1</sup> Increase, unless otherwise indicated.

<sup>2</sup> Includes a small amount produced in Texas.

<sup>3</sup> Small amounts produced in Virginia and Texas are included in the Tennessee total.

Source: U. S. Department of the Interior, Bureau of Mines.

## J. MINERALS—Continued

## 4. Lead and zinc production—Mine production of recoverable metal

[Short tons]

State	Lead				Zinc			
	Amount			Percent change, col. A to col. C <sup>1</sup>	Amount			Percent change, col. E to col. G <sup>1</sup>
	1925-29 average	1939	1948		1925-29 average	1939	1948	
	A	B	C	D	E	F	G	H
United States.....	663, 248	413, 042	390, 147	-41. 2	724, 720	583, 807	629, 955	-13. 1
Southeast.....	4, 269	<sup>2</sup> 6, 371	4, 941	15. 7	26, 538	57, 257	46, 076	73. 6
Virginia.....	3, 846	<sup>3</sup> 6, 284	4, 703	22. 3	11, 192	23, 850	15, 882	41. 9
Kentucky.....	135	87	216		644	909	639	- . 8
Tennessee.....	250	( <sup>4</sup> )			14, 631	32, 375	29, 524	101. 8
Arkansas.....	38		22		71	123	31	

<sup>1</sup> Increase, unless otherwise indicated.<sup>2</sup> Includes production in New York.<sup>3</sup> Virginia figure includes amounts produced in New York and Tennessee.

Source: U. S. Department of the Interior, Bureau of Mines.

## 5. Crude petroleum production

State	Amount (in thousands of barrels)			Percent change, 1929-48 <sup>1</sup>
	1929	1939	1948	
United States <sup>2</sup> .....	1, 007, 323	1, 264, 962	2, 016, 282	100. 2
Southeast.....	<sup>3</sup> 53, 272	<sup>4</sup> 120, 706	<sup>5</sup> 268, 066	403. 2
Kentucky.....	7, 775	5, 621	8, 551	
Tennessee.....	<sup>6</sup> 26	<sup>4</sup> 94	<sup>6</sup> 384	( <sup>7</sup> ) 10. 0
Alabama.....			466	
Mississippi.....		107	45, 809	
Arkansas.....	24, 917	21, 238	31, 675	27. 1
Louisiana.....	20, 554	93, 646	181, 181	781. 5

<sup>1</sup> Increase, unless otherwise indicated.<sup>2</sup> Figures for 1929 and 1939 include small amounts produced in Alaska; 1948 figure does not.<sup>3</sup> Includes small amounts produced in Utah and Alaska.<sup>4</sup> Includes small amounts produced in Missouri, Utah, and Alaska.<sup>5</sup> Includes a small amount produced in Missouri.<sup>6</sup> Includes small amounts produced in Missouri, Virginia, and Florida.<sup>7</sup> Not available.

Source: U. S. Department of the Interior, Bureau of Mines.

## 6. Coal production

State	Production by years				Maximum production	
	Amount (in thousands of net tons)			Percent change, 1929-48 <sup>1</sup>	Year	Amount (in thousands of net tons)
	1929	1939	1948			
United States.....	608, 716	446, 194	650, 730	6. 9	1947	<sup>2</sup> 630, 624
Southeast <sup>3</sup> .....	98, 255	74, 472	127, 230	29. 5		
Virginia.....	12, 748	13, 531	19, 620	53. 9	1943	20, 280
Kentucky.....	60, 463	42, 557	32, 000	35. 6	1947	84, 241
Tennessee.....	5, 405	5, 185	5, 910	9. 3	1942	8, 158
Alabama.....	17, 944	12, 047	18, 040	. 5	1926	21, 001
Arkansas.....	1, 695	1, 152	1, 660	-2. 1	1907	2, 670

<sup>1</sup> Increase, unless otherwise indicated.<sup>2</sup> Bituminous and lignite. Does not include anthracite production.<sup>3</sup> Omits small amounts produced in North Carolina and Georgia.

Source: U. S. Department of the Interior, Bureau of Mines.

## K. INCOME PAYMENTS TO INDIVIDUALS

## 1. Total income payments

State	Amount (in millions of dollars)			Percent change <sup>1</sup>			Percent of United States total		
	1929	1940	1948	1929-40	1940-48	1929-48	1929	1940	1948
United States.....	82,617	75,852	206,011	-8	172	149	100.00	100.00	100.00
Southeast.....	8,681	9,043	28,498	4	215	228	10.51	11.92	13.81
Virginia.....	987	1,127	3,326	14	195	237	1.19	1.49	1.61
North Carolina.....	966	1,131	3,531	17	212	266	1.17	1.49	1.71
South Carolina.....	438	545	1,714	24	214	221	.53	.72	.83
Georgia.....	956	986	3,076	3	212	292	1.16	1.30	1.49
Florida.....	695	900	2,762	29	207	297	.84	1.19	1.34
Kentucky.....	964	880	2,596	-9	195	169	1.17	1.16	1.26
Tennessee.....	905	927	3,036	2	228	235	1.10	1.22	1.47
Alabama.....	802	763	2,585	-5	239	222	.97	1.00	1.25
Mississippi.....	544	444	1,603	-18	261	195	.66	.68	.78
Arkansas.....	562	493	1,672	-12	239	198	.68	.65	.81
Louisiana.....	862	847	2,597	-2	207	201	1.04	1.12	1.26

<sup>1</sup> Increase, unless otherwise indicated.

Source: U. S. Department of Commerce, National Income Division. For definitions of income payments and major components see State Income Payments in 1948, in U. S. Department of Commerce Survey of Current Business, August 1949.

## 2. Per capita income payments

State	Amount (in dollars)			Percent change <sup>1</sup>			Percent of United States average		
	1929	1940	1948	1929-40	1940-48	1929-48	1929	1940	1948
United States.....	\$680	\$575	\$1,410	-15	145	107	100	100	100
Southeast.....	344	322	957	-6	197	178	51	56	68
Virginia.....	422	450	1,159	7	158	175	62	78	82
North Carolina.....	309	316	930	2	194	201	45	55	66
South Carolina.....	252	286	865	13	202	243	37	50	61
Georgia.....	326	315	971	-4	208	195	48	55	69
Florida.....	484	471	1,137	-3	141	135	71	82	81
Kentucky.....	371	308	909	-17	195	145	55	54	64
Tennessee.....	349	317	955	-9	201	174	51	55	68
Alabama.....	305	268	891	-12	232	192	45	47	63
Mississippi.....	273	202	758	-26	275	178	40	35	54
Arkansas.....	305	252	863	-17	242	183	45	44	61
Louisiana.....	415	357	1,002	-14	181	141	61	62	71

<sup>1</sup> Increase, unless otherwise indicated.

Source: U. S. Department of Commerce, National Income Division. For definitions of income payments and major components see State Income Payments in 1948, in U. S. Department of Commerce Survey of Current Business, August 1949.

## K. INCOME PAYMENTS TO INDIVIDUALS—Continued

## 3 (a). Components of income payments

[Components as percentage of State total]

State	Total	Agricultural income	Manufacturing pay rolls	Trade and service income	Government income payments	All other
1929						
United States.....	100.0	8.4	19.7	24.4	7.3	40.2
Southeast.....	100.0	20.7	14.6	24.8	8.5	31.4
Virginia.....	100.0	15.0	14.3	25.1	9.9	35.8
North Carolina.....	100.0	20.4	21.3	23.0	8.3	27.0
South Carolina.....	100.0	24.3	19.7	24.9	10.3	20.8
Georgia.....	100.0	20.9	15.6	27.4	7.8	28.3
Florida.....	100.0	9.9	10.8	29.9	10.1	39.3
Kentucky.....	100.0	20.5	11.1	21.9	7.6	38.9
Tennessee.....	100.0	19.1	16.1	26.1	8.0	30.7
Alabama.....	100.0	22.0	16.0	22.8	7.8	31.4
Mississippi.....	100.0	38.9	10.3	21.1	8.6	21.1
Arkansas.....	100.0	30.7	9.1	25.4	8.3	26.5
Louisiana.....	100.0	16.7	14.1	24.7	8.1	36.4
1940						
United States.....	100.0	7.2	20.3	25.2	12.4	34.9
Southeast.....	100.0	15.4	15.7	25.2	13.0	30.7
Virginia.....	100.0	9.9	16.2	24.7	16.7	32.5
North Carolina.....	100.0	17.5	24.6	22.2	10.8	24.9
South Carolina.....	100.0	18.4	21.7	22.7	14.5	22.7
Georgia.....	100.0	15.8	16.5	26.9	12.5	28.3
Florida.....	100.0	8.4	7.3	31.6	13.0	39.7
Kentucky.....	100.0	15.8	12.0	23.8	12.4	36.0
Tennessee.....	100.0	14.5	18.6	26.0	12.7	28.2
Alabama.....	100.0	14.7	18.7	25.2	11.7	29.7
Mississippi.....	100.0	28.0	10.0	22.7	13.6	25.7
Arkansas.....	100.0	30.3	8.4	24.1	11.6	25.6
Louisiana.....	100.0	10.2	12.4	25.8	13.6	38.0
1948						
United States.....	100.0	10.2	22.4	27.0	13.9	26.5
Southeast.....	100.0	16.9	17.0	25.5	16.9	23.7
Virginia.....	100.0	11.9	16.4	25.0	21.1	25.6
North Carolina.....	100.0	19.1	25.2	23.0	14.3	18.4
South Carolina.....	100.0	17.6	26.6	21.8	17.7	16.3
Georgia.....	100.0	14.4	18.9	27.8	16.0	22.9
Florida.....	100.0	7.9	8.0	32.0	18.7	33.4
Kentucky.....	100.0	18.9	13.5	24.2	15.6	27.8
Tennessee.....	100.0	14.5	20.0	26.3	16.3	22.9
Alabama.....	100.0	16.4	19.8	24.2	17.1	22.5
Mississippi.....	100.0	35.2	9.8	22.7	17.1	15.2
Arkansas.....	100.0	32.6	8.9	23.3	15.0	20.2
Louisiana.....	100.0	12.2	14.4	27.0	16.6	29.8

Source: U. S. Department of Commerce, National Income Division. For definitions of income payments and major components see State Income Payments in 1948, in U. S. Department of Commerce Survey of Current Business, August 1949.

## K. INCOME PAYMENTS TO INDIVIDUALS—Continued

§ (b). Components of income payments<sup>1</sup>

[Components as percentage of State total]

State	Agricultural income			Manufacturing pay rolls			Trade and service income			Government income payments			All other sources		
	1929	1940	1948	1929	1940	1948	1929	1940	1948	1929	1940	1948	1929	1940	1948
United States.....	8.4	7.2	10.2	19.7	20.3	22.4	24.4	25.2	27.0	7.3	12.4	13.9	40.2	34.9	26.5
Southeast.....	20.7	15.4	16.9	14.6	15.7	17.0	24.8	25.2	25.5	8.5	13.0	16.9	31.4	30.7	23.7
Virginia.....	15.0	9.9	11.9	14.3	16.2	16.4	25.1	24.7	25.0	9.9	16.7	21.1	35.8	32.5	25.6
North Carolina.....	20.4	17.5	19.1	21.3	24.6	25.2	23.0	22.2	23.0	8.3	10.8	14.3	27.0	24.9	18.4
South Carolina.....	24.3	18.4	17.6	19.7	21.7	26.6	24.9	22.7	21.8	10.9	14.5	17.7	20.8	22.7	16.3
Georgia.....	26.9	15.8	14.4	15.6	16.5	18.9	27.4	26.9	27.8	7.8	12.5	16.0	28.3	28.3	22.9
Florida.....	9.9	8.4	7.9	10.8	7.3	8.0	29.9	31.6	32.0	10.1	13.0	18.7	39.3	39.7	33.4
Kentucky.....	26.5	15.8	18.9	11.1	12.0	13.5	21.9	23.8	24.2	7.6	12.4	15.6	38.9	36.0	27.8
Tennessee.....	19.1	14.5	14.5	16.1	18.6	20.0	26.1	26.0	26.3	8.0	12.7	16.3	30.7	28.2	22.9
Alabama.....	22.0	14.7	16.4	16.0	18.7	19.8	22.8	25.2	24.2	7.8	11.7	17.1	31.4	29.7	22.5
Mississippi.....	38.9	28.0	35.2	10.3	10.0	9.8	21.1	22.7	22.7	8.6	13.6	17.1	21.1	25.7	15.2
Arkansas.....	30.7	30.3	32.6	9.1	8.4	8.9	25.4	24.1	23.3	8.3	11.6	15.0	26.5	25.6	20.2
Louisiana.....	16.7	10.2	12.2	14.1	12.4	14.4	24.7	25.8	27.0	8.1	13.6	16.6	36.4	38.0	29.8

<sup>1</sup> Same data as in table K. 3 (a), rearranged to emphasize year-to-year change.

Source: U. S. Department of Commerce, National Income Division. For definitions of income payments and major components see State Income Payments in 1948, in U. S. Department of Commerce Survey of Current Business, August 1949.

## L. SELECTED ECONOMIC INDICATORS

### 1. Production of electric energy

Year	United States	Southeast	Virginia	North Carolina	South Carolina	Georgia	Florida	Kentucky	Tennessee	Alabama	Mississippi	Arkansas	Louisiana
<b>Kilowatt-hours (in thousands)</b>													
1920.....	39,404,639	3,755,848	515,835	169,788	730,020	608,045	119,704	200,259	540,509	530,745	65,312	62,185	213,396
1925.....	61,451,091	6,516,491	799,438	865,277	881,538	682,640	307,029	406,879	874,690	1,146,322	89,798	117,045	345,835
1930.....	91,111,548	10,010,739	1,138,132	1,241,363	1,201,824	937,229	677,683	711,004	811,786	2,064,522	61,834	108,171	1,057,191
1935.....	95,287,390	11,316,887	1,142,715	1,515,919	1,307,106	1,280,387	717,370	736,824	871,497	2,173,137	56,405	237,390	1,278,137
1940.....	141,837,010	20,421,783	2,318,084	3,058,160	1,447,964	1,612,234	1,313,320	1,028,890	2,448,975	4,881,016	64,668	216,881	2,031,591
1945.....	222,486,283	37,068,966	3,716,699	4,966,237	2,250,574	2,900,517	2,612,758	2,366,758	6,922,234	7,099,286	207,835	776,331	3,249,737
1946.....	223,177,783	37,563,278	3,386,036	5,676,982	2,582,208	3,041,838	2,669,189	2,381,094	6,579,779	7,299,880	225,211	837,306	2,883,755
1947.....	255,738,984	42,766,663	3,897,997	6,348,780	2,583,666	3,477,893	3,186,117	3,212,921	7,770,235	7,321,925	367,634	917,116	3,682,379
1948.....	282,698,214	48,844,928	4,313,355	7,061,475	3,175,383	3,882,778	3,733,201	3,961,260	8,416,841	8,289,108	575,142	1,027,581	4,408,804
<b>Index (1920=100)</b>													
1920.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1925.....	155.9	173.5	155.0	509.6	120.8	112.3	256.5	203.2	161.8	216.0	137.5	188.2	162.1
1930.....	231.2	266.5	220.6	731.1	164.6	154.1	566.1	355.0	150.2	389.0	94.7	174.0	495.4
1935.....	241.8	301.3	221.5	892.8	179.1	210.6	599.3	367.9	161.2	409.5	86.4	381.7	599.0
1940.....	360.0	543.7	449.3	1,801.2	198.3	265.2	1,097.1	513.8	453.1	919.7	99.0	348.8	952.0
1945.....	564.6	987.0	720.5	2,925.0	308.3	477.0	2,182.7	1,181.8	1,280.7	1,337.6	318.2	1,248.4	1,522.9
1946.....	566.4	1,000.1	656.4	3,343.6	353.7	500.3	2,229.8	1,189.0	1,217.3	1,375.4	344.8	1,346.5	1,351.4
1947.....	649.0	1,138.7	755.6	3,739.2	353.9	572.0	2,661.7	1,604.4	1,437.6	1,379.6	562.9	1,474.8	1,725.6
1948.....	717.4	1,300.5	836.1	4,159.0	435.0	638.6	3,118.7	1,978.1	1,557.2	1,561.8	880.6	1,652.5	2,066.0

Source: Federal Power Commission.

## L. SELECTED ECONOMIC INDICATORS—Continued

## 2. Bank deposits

State	Millions of dollars				Percent of national total			
	1919	1929	1939	1948	1919	1929	1939	1948
United States.....	33,571	53,963	58,344	148,978	100.0	100.0	100.0	100.0
Southeast.....	2,463	3,505	3,799	14,249	7.3	6.5	6.5	9.6
Virginia.....	343	459	549	1,656	1.0	.8	.9	1.1
North Carolina.....	228	340	383	1,619	.7	.6	.7	1.1
South Carolina.....	174	169	154	665	.5	.3	.3	.4
Georgia.....	281	314	404	1,489	.8	.6	.7	1.0
Florida.....	144	312	349	1,537	.4	.6	.6	1.0
Kentucky.....	301	443	423	1,449	.9	.8	.7	1.0
Tennessee.....	269	410	451	1,654	.8	.8	.8	1.1
Alabama.....	169	256	287	1,184	.5	.5	.5	.8
Mississippi.....	149	212	197	759	.4	.4	.3	.5
Arkansas.....	141	202	171	744	.4	.4	.3	.5
Louisiana.....	264	388	433	1,492	.8	.7	.7	1.0

NOTE.—1919 and 1929 figures as of end of June; 1939 and 1948 as of end of December. The earlier figures are not strictly comparable to those for later years, and are being revised by the Federal Reserve Board.

Source: Board of Governors of the Federal Reserve System.

## 3. Gross postal receipts

State	Amount (in thousands of dollars)			As percent of United States total			Receipts per capita of population		
	1930	1940	1948	1930	1940	1948	1930	1940	1948
United States.....	684,610	726,172	1,327,532	100.0	100.0	100.0	\$5.56	\$5.50	\$9.09
Southeast.....	64,932	79,040	145,780	9.5	10.9	11.0	2.54	2.79	4.86
Virginia.....	7,985	9,617	17,146	1.2	1.3	1.3	3.29	3.53	5.62
North Carolina.....	6,830	9,407	18,465	1.0	1.3	1.4	2.16	2.62	4.86
South Carolina.....	2,174	2,832	4,950	.3	.4	.4	1.25	1.50	2.50
Georgia.....	9,220	10,630	19,182	1.3	1.5	1.4	3.17	3.42	6.06
Florida.....	5,674	8,875	19,134	.8	1.2	1.4	3.86	4.64	7.87
Kentucky.....	6,827	7,304	12,166	1.0	1.0	.9	2.60	2.56	4.26
Tennessee.....	8,546	9,796	17,888	1.2	1.3	1.3	3.26	3.34	5.63
Alabama.....	5,108	5,961	10,981	.7	.8	.8	1.93	2.11	3.79
Mississippi.....	3,255	3,820	6,606	.5	.5	.5	1.62	1.75	3.12
Arkansas.....	3,828	4,115	7,039	.6	.6	.5	2.06	2.11	3.63
Louisiana.....	5,486	6,684	12,224	.8	.9	.9	2.61	2.83	4.72

NOTE.—Year covered is the fiscal year ending June 30.

Source: Annual reports of the Postmaster General for 1930, 1940, and 1948.



L. SELECTED ECONOMIC INDICATORS—Continued

4. Revenue freight originated, class I steam railways, 1940 and 1948<sup>1</sup>

[Thousands of tons]

State	Total		Products of agriculture		Animals and products		Products of mines		Products of forests		Manufactures and miscellaneous		Forwarder traffic <sup>2</sup>	
	1940	1948	1940	1948	1940	1948	1940	1948	1940	1948	1940	1948	1940	1948
United States.....	993,569.9	1,486,240.2	88,573.4	144,784.3	15,429.6	16,839.8	569,956.2	845,117.1	58,129.6	85,971.6	261,481.0	389,221.2	2,749.0	4,306.2
Southeast.....	166,486.5	280,054.6	9,702.7	14,100.3	626.9	1,033.7	94,605.7	163,240.5	25,322.1	40,059.4	36,229.1	61,586.4	2.8	34.0
Virginia.....	23,041.6	35,838.0	756.3	812.3	82.4	85.8	15,634.8	23,144.2	1,545.8	2,755.1	5,022.3	9,026.6	.2	14.0
North Carolina.....	6,102.0	10,390.1	586.7	878.0	31.8	46.6	1,563.8	4,223.1	1,843.3	2,404.7	2,076.3	2,830.0	-----	7.7
South Carolina.....	5,342.8	9,480.8	357.9	566.8	5.5	17.8	1,248.2	3,009.0	2,334.1	3,806.1	1,397.0	2,081.1	-----	-----
Georgia.....	8,331.2	16,701.5	557.5	723.7	42.5	67.2	2,504.6	4,966.5	2,633.0	6,258.3	2,593.7	4,677.4	( <sup>3</sup> )	8.3
Florida.....	14,192.6	31,106.9	1,156.5	2,959.1	21.6	43.3	8,144.6	18,775.7	2,381.0	4,120.3	2,489.0	5,208.4	.1	.1
Kentucky.....	44,882.1	69,008.1	593.5	937.8	154.0	200.2	41,138.6	63,439.1	525.9	846.8	2,470.1	3,581.9	.2	2.2
Tennessee.....	13,504.8	23,234.8	1,460.3	1,451.5	119.7	187.0	6,008.2	12,080.1	1,418.9	1,689.4	4,497.7	7,826.1	.4	.6
Alabama.....	20,195.5	34,093.9	437.7	804.8	28.2	52.5	10,656.0	17,499.4	2,452.6	4,228.5	6,620.9	11,508.1	( <sup>3</sup> )	.6
Mississippi.....	7,413.2	14,296.5	964.5	1,040.9	30.9	31.2	1,593.9	4,808.2	3,935.5	6,544.7	888.5	1,871.5	-----	( <sup>3</sup> )
Arkansas.....	3,439.0	13,202.8	1,102.0	1,332.6	39.8	35.0	2,964.5	5,923.9	3,046.3	2,985.7	1,286.4	2,925.4	.4	.2
Louisiana.....	15,041.7	22,701.2	1,729.8	2,592.8	70.5	267.1	3,148.5	5,371.3	3,205.7	4,419.8	6,887.2	10,049.9	1.5	.3

SOUTHEAST

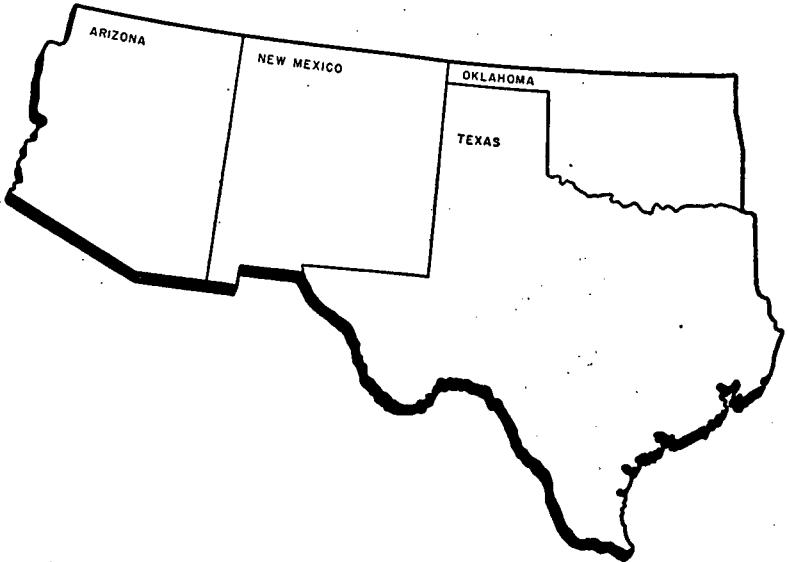
<sup>1</sup> Carload lots only. Less than carload lots are not included.

<sup>2</sup> The term "forwarder traffic" means freight traffic consigned by or to a forwarder, i. e., a company, firm, or individual recognized as engaged in the business of collecting and accumulating less than carload shipments into consolidated carloads without an ownership in the property so handled.

<sup>3</sup> Less than 50.

Source: Interstate Commerce Commission.

# SOUTHWEST



UNITED STATES DEPARTMENT OF LABOR  
BUREAU OF LABOR STATISTICS

## CHAPTER 6. SOUTHWEST

This region includes the following States: Oklahoma, Texas, New Mexico, and Arizona.

### *Area and population*

The Southwest is sparsely settled. With one-fifth of the Nation's area, it has less than one-twelfth of the population. Some 44 percent of the area of Oklahoma is classed as farm cropland, but Texas, New Mexico, and Arizona have very large areas of pasture and range. Each State has a considerable amount of forest land (tables A 1 and 2 and B 1).

Although population has increased very greatly in the Southwestern States during this century, much of the increase occurred before 1929. Since then, Oklahoma has lost population. The other States, however, have gained by somewhat more than the national average. These gains have been made in spite of very considerable net out-migration, except from Arizona. Oklahoma's net loss by migration between 1930 and 1948 was 625,000, a number equal to one-fourth the 1930 population of the State (tables B 1, 2, and 3).

The Southwestern States in 1948 had a larger percentage of children than most parts of the country, and fewer in older age groups. This was particularly striking in New Mexico. The tendency is in the direction of the national average, however. A larger proportion of the region's population was in the middle and older age groups in 1948 than in 1930 (table B 4).

From 15 percent urban at the beginning of the century, this region had gone up by 1940 to more than 40 percent (table B 6).

### *Nonagricultural employment*

The rise in nonagricultural employment in three of these States between 1939 and 1948 greatly exceeded the national gain of 45 percent (table C 1 (a)). The gain in Oklahoma was about the same as that in the Nation.

In Texas, nonagricultural employment rose by 70 percent, or 700,000; manufacturing accounted for about 170,000 of the rise. Similar rises, though of smaller magnitudes, occurred in the other States. Large increases occurred in the food processing, apparel, chemicals, petroleum refining, metal processing, and transportation equipment industries.

As compared to the early part of this century, manufacturing employment has risen more sharply than elsewhere in the country (table E 3 (b)). In 1947, there were seven and one-half times as many factory workers as in 1899; in the country as a whole, there were three times as many.

Despite this increase, manufacturing employment in this region is still very small in relation to the national total. In addition, it constitutes only a relatively slight proportion of the economy of the region. About 20 percent of total nonagricultural employment in

Texas is in manufacturing, as compared with a national percentage of 33; in the other three States the ratio ranges from 7 percent to 14 percent.

The drop in nonagricultural employment which characterized the national economy in the first half of 1949 had no pronounced effect upon this region (table C 1 (b) and 2). In Texas, manufacturing employment dropped, but this was more than offset by gains in mining, transportation and public utilities, and services. No significant changes occurred in the other three States.

### *Unemployment*

Unemployment, as measured by the volume of claims for insurance benefits, has increased much less over the past year in this region than elsewhere in the country (table D 2). In early 1948, about 2 percent of the workers covered by State unemployment programs in this region were filing continued claims, as against 3.3 percent in the country as a whole. By mid-1949, the regional average had risen to 2.5 percent, while the national total had gone up to 6 percent.

The average claimant stayed on the rolls in this region about 10 weeks in 1948, about the same as elsewhere in the country (table D 4). Of the number who received at least one payment, however, more than half stayed on the rolls until their rights were exhausted. This was almost double the national experience for 1948.

### *Construction*

Four of the six largest cities in this region experienced an increase in the volume of building construction in 1949 as compared with 1948 (table F 2). In all six cities, the 1948 level of building activity was well above the 1921 level.

Home building activity in 1949 was just above the level of 1948 (table F 3).

### *Agriculture*

The amount of land in farms in this region was 72 percent greater in 1945 than in 1910 (table G 1). On the other hand, the number of farms was down by about 7 percent over this period.

Between 1915 and 1949 the average value of farm real estate rose more sharply in these States than in the country as a whole (table G 2).

More than 11 percent of the Nation's farm personnel are employed in this region (table C 4). This is about the same ratio as in most years since the twenties. As has been true in the country as a whole, the current level of farm employment is lower than that of either 1925 or 1940.

Average farm wage rates in these States in 1948 were approximately the same as in the country as a whole, with Texas below and Arizona above the national average (table G 4).

### *Income*

The Southwestern States, with about 8 percent of the national population, received in 1948 only 6 percent of the total of individual income payments. Payments in the region, at \$1,153 per capita, was therefore below the national average. The increase between 1940 and 1948, however, was much greater than the national gain.

The proportion of income derived from manufacturing pay rolls was under 10 percent of the regional total—less than that in any other

region except the Northwest. It increased somewhat between 1929 and 1948, though not as much as income from Government sources. Agriculture, in the meantime, lost in relative importance in the region (tables K 1, 2, and 3 (a) and (b)).

*Other economic indicators*

Since 1940 the production of electric energy has risen much more sharply in this region than it has in the country as a whole (table L 1).

Bank deposits have risen more rapidly in this region and the Northwest than in other parts of the country (table L 2). In 1939, they totaled \$1,800,000,000; by 1948, the total had risen to \$7,800,000,000. The national total in 1948 was less than three times that of 1939.

## A. LAND

### 1. Land area and population density

State	Land area		Density—Population per square mile				
	Square miles	Percent of United States	1900	1920	1930	1940	1949 <sup>1</sup>
United States.....	2,977,128	100.0	25.5	35.5	41.2	44.2	50.0
Southwest.....	568,018	19.1	7.3	13.0	16.0	17.2	19.7
Oklahoma.....	69,283	2.3	11.4	29.2	34.6	33.7	33.2
Texas.....	263,644	8.9	11.6	17.8	22.1	24.3	28.6
New Mexico.....	121,511	4.1	1.6	2.9	3.5	4.4	4.8
Arizona.....	113,580	3.8	1.9	2.9	3.8	4.4	6.6

<sup>1</sup> Provisional estimate.

Source: U. S. Bureau of the Census.

### 2. Land use, 1945

State	Total	Forest land	Crop-land in farms	Pasture and range	Other <sup>1</sup>
Acres (in thousands)					
United States.....	1,605,362	623,823	525,111	609,484	146,939
Southwest.....	363,531	86,738	71,483	185,927	15,378
Oklahoma.....	44,341	10,646	19,661	11,841	2,193
Texas.....	168,732	36,553	46,261	76,593	9,325
New Mexico.....	77,767	20,061	4,573	52,627	566
Arizona.....	72,691	19,538	993	48,866	3,294
Percent in each use					
United States.....	100	32.7	27.6	32.0	7.7
Southwest.....	100	23.9	19.7	52.2	4.2
Oklahoma.....	100	24.0	44.3	26.7	5.0
Texas.....	100	21.7	27.4	45.4	5.5
New Mexico.....	100	25.7	5.9	67.7	.7
Arizona.....	100	26.9	1.4	67.2	4.5
Percent of United States total					
United States.....	100.0	100.0	100.0	100.0	100.0
Southwest.....	19.1	13.9	13.6	31.2	10.5
Oklahoma.....	2.3	1.7	3.7	2.0	1.5
Texas.....	8.9	5.9	8.8	12.6	6.4
New Mexico.....	4.1	3.2	.9	8.6	.4
Arizona.....	3.8	3.1	.2	8.0	2.2

<sup>1</sup> Farmsteads, roads, urban, waste, etc.

Source: U. S. Department of Agriculture, Forest Service, Basic Forest Statistics for the United States.

## B. POPULATION

## 1. Number

State	1900	1929	1940	1949 <sup>1</sup>
United States.....	75,995,000	121,770,000	131,954,000	148,720,000
Southwest.....	4,157,000	8,984,000	9,789,000	11,168,000
Oklahoma.....	1,790,000	2,372,000	2,321,000	2,302,000
Texas.....	3,049,000	5,762,000	6,426,000	7,532,000
New Mexico.....	195,000	420,000	536,000	589,000
Arizona.....	123,000	430,000	506,000	745,000
Percent change <sup>2</sup>				
	1900-1949	1900-1929	1929-40	1940-49 <sup>1</sup>
United States.....	95.7	60.2	8.4	12.7
Southwest.....	168.7	116.1	9.0	14.1
Oklahoma.....	191.4	200.1	-2.1	- .8
Texas.....	147.0	89.0	11.5	17.2
New Mexico.....	202.1	115.1	27.6	9.9
Arizona.....	505.7	249.9	17.6	47.2
Percent of United States total				
	1900	1929	1940	1949 <sup>1</sup>
United States.....	100.0	100.0	100.0	100.0
Southwest.....	5.5	7.4	7.4	7.5
Oklahoma.....	1.0	1.9	1.8	1.5
Texas.....	4.0	4.7	4.9	5.1
New Mexico.....	.3	.3	.4	.4
Arizona.....	.2	.4	.4	.5

<sup>1</sup> Provisional estimate.<sup>2</sup> Includes population of Indian Territory: 392,060.<sup>3</sup> Increase, unless otherwise indicated.

NOTE.—Figures cover total population, including armed forces stationed in the State; 1900, as of June 1; 1929 and later years, as of July 1.

Source: U. S. Bureau of the Census.

## 2. Estimated migration and natural increase, 1940-48

[In thousands]

State	Net change in civilian population <sup>1</sup>	Natural increase	Net migration <sup>2</sup>	Net loss to armed forces
United States.....	13,888	13,982	+1,328	1,423
Southwest.....	1,081	1,465	-207	118
Oklahoma.....	-48	279	-302	26
Texas.....	904	993	-15	75
New Mexico.....	29	197	-70	8
Arizona.....	196	86	+120	9

<sup>1</sup> Increase, unless otherwise indicated.<sup>2</sup> Net migration, comprises both net immigration from other countries and net interregional or interstate migration. A plus sign (+) indicates net in-migration; a minus sign (-) indicates net out-migration.

Source: U. S. Bureau of the Census, Release P-25, No. 26.

## B. POPULATION—Continued

## 3. Estimated net migration, 1930-48

State	1930 population	Net migration <sup>1</sup>			
		1930-40	1940-48	1930-48	
				Number	As percent of 1930 population
United States.....	122,775,046	-46,518	+1,323,000	+1,281,482	1.0
Southwest.....	9,079,645	-425,986	-267,000	-692,986	7.6
Oklahoma.....	2,396,040	-323,362	-302,000	-625,362	26.1
Texas.....	5,824,715	-105,434	-15,000	-120,434	2.1
New Mexico.....	423,317	+10,864	-70,000	-59,136	14.0
Arizona.....	435,573	-8,054	+120,000	+111,946	25.7

<sup>1</sup> Net migration comprises both net immigration from other countries and net interregional or interstate migration. A plus sign (+) indicates net in-migration; a minus sign (-) indicates net out-migration.

Source: Basic data from U. S. Bureau of the Census. Computations by the Bureau of Labor Statistics. Note that the estimates are only approximate both as to representativeness and as to comparability.

## 4. Age groups

State	1930				1940				1948			
	All ages	Un- der 18	18-64 <sup>1</sup>	65 and over	All ages	Un- der 18	18-64	65 and over <sup>2</sup>	All ages	Un- der 18	18-64	65 and over
	Number (in thousands)											
United States.....	122,775	43,016	73,126	6,634	131,669	40,287	82,363	9,019	146,113	45,292	89,881	10,940
Southwest.....	9,080	3,547	5,170	362	9,782	3,404	5,839	540	10,941	3,806	6,457	678
Oklahoma.....	2,396	960	1,339	97	2,336	828	1,364	145	2,295	765	1,367	163
Texas.....	5,825	2,239	3,353	232	6,415	2,177	3,891	347	7,371	2,545	4,375	451
New Mexico.....	423	181	225	17	532	216	292	23	571	238	306	27
Arizona.....	436	167	253	16	499	183	293	24	704	258	409	37
	Percent of total											
United States.....	100.0	35.0	59.6	5.4	100.0	30.6	62.6	6.8	100.0	31.0	61.5	7.5
Southwest.....	100.0	39.1	56.9	4.0	100.0	34.8	59.7	5.5	100.0	34.8	59.0	6.2
Oklahoma.....	100.0	40.1	55.9	4.0	100.0	35.4	58.4	6.2	100.0	33.3	59.6	7.1
Texas.....	100.0	38.4	57.6	4.0	100.0	33.9	60.6	5.4	100.0	34.5	59.4	6.1
New Mexico.....	100.0	42.8	53.2	4.0	100.0	40.7	54.9	4.4	100.0	41.7	53.6	4.7
Arizona.....	100.0	38.4	58.0	3.6	100.0	36.6	58.6	4.8	100.0	36.6	58.1	5.3

<sup>1</sup> Figures include a number of persons of unknown age.

<sup>2</sup> 1940 figures for persons aged 65 and over in the United States are believed by Census Bureau to be about 56,000 too high (Census release P-47, No. 3, p. 8).

Note.—Figures cover total population, including armed forces stationed in the State—1930 and 1940 figures as of Apr. 1; 1948, as of July 1.

Source: U. S. Bureau of the Census. 1930 and 1940 data are decennial census figures. Figures for 1948 are estimates based on the 1940 census, brought up to date by use of data on births, deaths, net immigration, and strength and distribution of the armed forces, and by use of estimates of net internal migration, based on school enrollment data. In the absence of direct information on net interstate migration this factor had to be estimated, and assumptions had to be introduced regarding the migration rate for each age group—assumptions that may apply more exactly to some States than to others. Furthermore, estimates of population become progressively less reliable as the time since the last census increases. These estimates of population should therefore be regarded as only rough approximations.



## B. POPULATION—Continued

## 5. Median age, 1930 and 1940

State	1930	1940	Years' increase
United States.....	26.5	29.0	2.5
Southwest:			
Oklahoma.....	23.0	26.2	3.2
Texas.....	23.7	26.8	3.1
New Mexico.....	21.7	23.0	1.3
Arizona.....	24.2	25.4	1.2

Source: 1940 Census of Population, vol. IV.

## 6. Urban, rural, 1900-40

State	Urban			Rural		
	1900	1930	1940	1900	1930	1940
	Number					
United States.....	30,159,921	68,954,823	74,423,702	45,834,654	53,820,223	57,245,573
Southwest.....	626,052	3,467,701	4,141,434	3,531,290	5,611,944	5,640,903
Oklahoma.....	58,417	821,681	879,663	731,974	1,574,359	1,456,771
Texas.....	520,759	2,389,348	2,911,389	2,527,951	3,435,367	3,503,435
New Mexico.....	27,381	106,816	176,401	167,929	316,501	355,417
Arizona.....	19,495	149,856	173,981	103,436	285,717	325,280
	Percent of total population					
United States.....	39.7	56.2	56.5	60.3	43.8	43.5
Southwest.....	15.1	38.2	42.3	84.9	61.8	57.7
Oklahoma.....	7.4	34.3	37.6	92.6	65.7	62.4
Texas.....	17.1	41.0	45.4	82.9	59.0	54.6
New Mexico.....	14.0	25.2	33.2	86.0	74.8	66.8
Arizona.....	15.9	34.4	34.8	84.1	65.6	65.2

Source: 1940 Census of Population, vol. I.

## C. EMPLOYMENT

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49

## A. BY YEAR

## OKLAHOMA

Year	Total	Manu- factur- ing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	315.0	42.1							
1943.....	436.0	99.7	35.9	30.4	39.6	87.0	12.6	45.2	85.5
1947.....	432.2	62.4	40.4	21.9	45.8	103.3	15.3	55.2	82.9
1948.....	457.0	66.5	43.1	24.6	49.4	116.7	16.4	54.4	85.9
First half, 1948.....	445.3	65.2	42.0	22.4	48.0	112.5	16.2	54.8	84.4
First half, 1949.....	458.7	64.6	44.1	23.9	49.4	118.5	16.4	51.3	90.0
Percent of total									
Average:									
1939.....	100.0	13.4							
1943.....	100.0	22.9	8.2	7.0	9.1	20.0	2.9	10.4	19.6
1947.....	100.0	14.4	9.3	5.1	10.6	25.1	3.5	12.8	19.2
1948.....	100.0	14.6	9.4	5.4	10.8	25.5	3.6	11.9	18.8
First half, 1948.....	100.0	14.6	9.4	5.0	10.8	25.3	3.6	12.3	19.0
First half, 1949.....	100.0	14.1	9.6	5.2	10.8	25.8	3.6	11.2	19.6

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the benchmarks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Oklahoma Employment Security Commission.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## A. BY YEAR—Continued

## TEXAS

Year	Total	Manu- factur- ing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	1,013.0	178.0							
1943.....	1,644.2	424.8	60.8	122.6	167.5	353.5	45.0	179.6	290.5
1947.....	1,649.3	334.5	89.3	93.5	210.1	401.3	63.7	210.7	246.0
1948.....	1,727.4	348.1	97.7	110.9	226.5	395.8	70.7	225.7	252.1
First half, 1948..	1,688.5	342.5	93.9	103.1	222.7	388.9	69.2	220.4	247.9
First half, 1949..		336.6	99.3		231.0	397.1	71.5	235.1	261.3
Percent of total									
Average:									
1939.....	100.0	17.6							
1943.....	100.0	25.8	3.7	7.5	10.2	21.5	2.7	10.9	17.7
1947.....	100.0	20.3	5.4	5.7	12.7	24.3	3.9	12.8	14.9
1948.....	100.0	20.2	5.7	6.4	13.1	22.9	4.1	13.1	14.6
First half, 1948..	100.0	20.3	5.6	6.1	13.2	23.0	4.1	13.1	14.7
First half, 1949..									

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the benchmarks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Bureau of Business Research, University of Texas.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## A. BY YEAR—Continued

## NEW MEXICO

Year	Total	Manu- factur- ing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	71.8	4.2							
1943.....	87.3	7.9	8.9		13.0	18.2	1.6	11.2	26.5
1947.....	116.3	8.8	11.3	10.6	15.3	27.3	2.3	15.8	24.8
1948.....	128.0	9.2	12.0	12.5	14.9	30.8	3.5	18.0	27.2
First half, 1948.....	124.1	8.8	11.9	11.6	14.8	29.6	3.3	17.6	26.5
First half, 1949.....	131.5	9.4	11.6	14.6	14.3	31.8	3.6	17.6	28.8
Percent of total									
Average:									
1939.....	100.0	5.8							
1943.....	100.0	9.0	10.2		14.9	20.8	1.8	12.8	30.4
1947.....	100.0	7.6	9.7	9.1	13.2	23.5	2.0	13.6	21.3
1948.....	100.0	7.2	9.4	9.8	11.6	24.1	2.7	14.1	21.3
First half, 1948.....	100.0	7.1	9.6	9.3	11.9	23.9	2.7	14.2	21.4
First half, 1949.....	100.0	7.1	8.8	11.1	10.9	24.2	2.7	13.4	21.9

<sup>1</sup> Does not include employment in construction industries.

Note.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the benchmarks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with New Mexico Employment Security Commission.

## C: EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## A. BY YEAR—Continued

## ARIZONA

Year	Total	Manu- facturing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	88.9	8.1							
1943.....	142.3	19.4	15.4	13.8	16.8	26.9	2.5	17.6	30.0
1947.....	147.8	14.2	12.9	11.1	20.4	37.3	4.0	18.6	29.3
1948.....	155.5	15.0	13.5	12.6	21.1	38.9	4.4	19.3	30.7
First half, 1948.....	155.3	14.9	13.6	12.5	20.9	39.0	4.3	19.9	30.2
First half, 1949.....	152.6	15.2	13.8	10.0	20.5	37.9	4.4	19.4	31.3
Percent of total									
Average:									
1939.....	100.0	9.1							
1943.....	100.0	13.6	10.8	9.7	11.8	18.9	1.8	12.4	21.1
1947.....	100.0	9.6	8.7	7.5	13.8	25.2	2.7	12.6	19.8
1948.....	100.0	9.6	8.7	8.1	13.6	25.0	2.8	12.4	19.7
First half, 1948.....	100.0	9.6	8.8	8.0	13.5	25.1	2.8	12.8	19.4
First half, 1949.....	100.0	10.0	9.0	6.6	13.4	24.8	2.9	12.7	20.5

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the benchmarks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Unemployment Compensation Division, Arizona Employment Security Commission.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## B. BY MONTH

[In thousands]

## OKLAHOMA

Month	Total	Manu- facturing	Mining	Con- struc- tion	Trans- porta- tion and public utilities	Trade	Fi- nance, insur- ance, and real estate	Service	Govern- ment
1948									
January.....	435.8	63.4	41.3	20.7	47.4	109.8	15.4	54.2	83.6
February.....	429.6	62.6	41.0	18.6	46.9	108.3	15.3	53.4	83.5
March.....	436.3	63.2	41.1	20.0	47.7	110.0	15.7	54.2	84.4
April.....	452.1	65.8	42.3	24.7	48.1	114.3	16.6	55.3	85.0
May.....	457.0	67.3	42.5	24.8	48.5	115.5	16.7	56.3	85.4
June.....	462.8	69.0	43.6	25.9	49.7	117.2	17.3	55.6	84.5
July.....	461.0	68.4	43.5	26.1	50.5	116.7	17.2	55.2	83.4
August.....	462.2	67.6	43.7	26.3	50.9	118.1	16.9	54.4	84.3
September.....	471.2	68.2	44.8	27.6	50.0	120.3	16.6	55.5	87.3
October.....	469.6	68.1	44.3	27.9	50.7	120.3	16.3	53.6	88.4
November.....	469.5	67.8	44.3	26.4	50.6	122.7	16.2	52.7	88.8
December.....	476.3	67.1	44.2	25.9	50.8	127.5	16.2	51.9	92.7
1949									
January.....	454.1	63.1	43.8	19.6	49.5	117.4	16.1	51.2	90.2
February.....	452.8	65.1	43.5	21.2	40.4	117.1	16.2	50.5	89.8
March.....	460.5	65.7	45.1	24.8	49.5	118.3	16.4	50.6	90.1
April.....	461.9	64.8	44.4	26.3	49.1	119.2	16.6	51.4	90.1
May.....	461.4	64.5	43.9	26.0	49.2	119.1	16.5	51.9	90.3
June.....	461.4	64.4	43.8	25.3	49.6	119.9	16.7	52.3	89.4
July.....	459.0	64.0	43.0	26.6	49.2	119.0	16.9	52.2	88.1
August.....	460.2	63.5	44.6	28.2	48.6	117.9	17.0	51.4	89.0
September.....	462.6	62.3	44.5	27.2	48.4	119.5	16.5	52.6	91.6
October.....	462.4	63.9	43.6	27.1	48.6	119.7	16.5	51.9	91.1
November.....	461.2	64.4	43.7	26.8	48.7	120.0	16.5	51.3	89.8
December.....	464.3	63.9	44.0	24.5	48.7	123.7	16.3	50.3	92.9

## TEXAS

1948									
January.....	1,676.8	343.7	92.2	102.4	219.5	388.8	67.1	218.3	245.8
February.....	1,664.3	340.1	92.2	95.6	221.7	383.6	68.3	217.0	245.7
March.....	1,669.7	337.0	92.9	97.1	221.2	384.0	69.7	219.8	248.1
April.....	1,692.6	338.7	93.9	102.8	223.9	393.7	69.3	221.3	249.0
May.....	1,702.4	341.7	94.4	106.8	224.3	391.4	69.7	223.4	250.7
June.....	1,725.4	354.8	97.5	113.5	225.4	392.0	71.2	222.9	248.1
July.....	1,740.3	352.9	103.9	114.6	229.3	391.1	72.9	228.0	247.6
August.....	1,746.1	353.6	102.2	118.0	231.4	388.9	73.5	228.2	250.4
September.....	1,758.0	351.4	101.7	120.5	229.0	394.6	71.3	231.6	258.9
October.....	1,767.5	352.8	100.7	119.8	227.6	403.1	71.7	234.0	257.6
November.....	1,778.2	358.0	100.7	120.0	231.6	409.0	71.5	230.5	256.5
December.....	1,807.9	353.3	100.8	119.0	233.3	429.7	71.6	233.2	267.0
1949									
January.....	1,752.1	343.1	98.2	116.8	235.5	395.5	71.7	232.3	259.0
February.....	1,743.8	337.9	98.5	119.4	233.3	391.8	71.0	231.4	260.6
March.....	1,742.5	336.2	98.6	118.7	228.5	392.9	71.9	234.8	260.9
April.....	1,748.7	331.8	99.4	113.8	229.3	405.5	71.3	236.6	261.0
May.....	1,738.0	333.0	99.8	106.9	228.8	397.8	71.2	236.5	264.0
June.....	1,738.0	337.8	101.0	106.9	230.7	399.3	72.2	238.9	262.1
July.....	1,738.0	335.6	105.9	106.9	230.0	401.1	73.8	240.6	258.5
August.....	1,738.0	337.7	103.9	106.9	229.9	399.5	70.1	241.2	263.3
September.....	1,738.0	339.8	102.9	106.9	231.6	404.2	73.0	243.1	270.4
October.....	1,738.0	338.9	101.9	106.9	229.9	406.0	73.8	245.7	269.0
November.....	1,738.0	336.1	101.9	106.9	232.9	411.6	73.9	242.8	265.0
December.....	1,738.0	338.2	102.3	106.9	236.8	430.7	73.7	242.4	275.9

For source and note see table C 1A.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## B. BY MONTH—Continued

(In thousands)

## NEW MEXICO

Month	Total	Manu- factur- ing	Mining	Con- struc- tion	Trans- porta- tion and public utili- ties	Trade	Fi- nance, insur- ance, and real estate	Service	Gov- ern- ment
1948									
January.....	120.6	8.3	11.6	10.6	15.0	28.7	3.2	16.9	26.3
February.....	120.3	8.2	11.6	10.6	14.7	28.7	3.2	17.0	26.3
March.....	122.4	8.2	11.6	11.3	14.8	29.5	3.3	17.2	26.5
April.....	124.1	9.0	12.0	11.3	14.8	29.6	3.4	17.5	26.5
May.....	127.7	9.4	12.2	12.6	14.8	30.5	3.4	18.1	26.7
June.....	129.6	9.5	12.3	13.4	15.0	30.8	3.4	18.6	26.5
July.....	130.9	9.8	12.0	13.4	15.3	31.4	3.6	18.9	26.6
August.....	131.9	9.8	12.2	14.2	15.1	31.5	3.6	18.6	26.9
September.....	133.7	9.8	12.2	13.9	15.0	32.4	3.6	19.0	27.9
October.....	131.2	9.5	12.1	13.0	14.9	31.5	3.6	18.3	28.2
November.....	130.6	9.3	12.3	12.8	14.7	31.6	3.5	18.0	28.4
December.....	133.0	8.9	12.4	13.0	15.0	32.9	3.5	17.9	29.3
1949									
January.....	131.0	8.9	12.2	13.7	14.4	31.8	3.6	17.7	28.8
February.....	130.8	8.9	11.8	14.6	14.2	31.3	3.6	17.8	28.7
March.....	130.2	9.0	11.8	14.0	14.1	31.3	3.6	17.8	28.8
April.....	130.6	9.4	11.6	14.7	14.2	31.4	3.6	17.0	28.8
May.....	131.8	9.8	11.0	14.6	14.2	32.1	3.6	17.4	28.9
June.....	134.6	10.2	11.2	16.0	14.8	32.7	3.6	17.7	28.6
July.....	133.2	10.2	10.7	15.4	14.8	33.0	3.6	17.4	28.2
August.....	134.4	10.3	10.2	15.8	14.5	33.0	3.6	18.3	28.6
September.....	135.4	10.5	10.2	16.0	14.4	32.8	3.6	18.4	29.5
October.....	135.4	10.6	10.3	16.2	14.4	32.3	3.6	18.4	29.4
November.....	135.2	10.4	10.4	16.1	14.4	32.7	3.6	18.2	29.1
December.....	134.4	9.9	9.1	15.8	14.2	34.0	3.7	17.9	28.8

## ARIZONA

1948									
January.....	155.0	14.7	13.4	12.4	20.9	39.2	4.2	20.2	30.0
February.....	154.8	14.6	13.4	12.3	20.7	39.0	4.3	20.4	30.0
March.....	155.5	14.7	13.4	12.2	20.8	39.5	4.3	20.4	30.2
April.....	155.6	14.9	13.4	12.6	21.0	38.9	4.3	20.2	30.3
May.....	155.3	15.2	13.2	12.6	21.0	39.0	4.3	19.4	30.5
June.....	155.2	15.4	13.4	12.9	21.2	38.6	4.4	19.0	30.4
July.....	154.7	15.8	13.3	12.8	21.1	38.6	4.5	18.3	30.3
August.....	153.7	15.1	13.4	13.1	21.2	37.7	4.5	18.1	30.6
September.....	153.7	13.9	13.5	12.9	21.0	38.3	4.4	18.2	31.5
October.....	155.1	14.8	13.6	12.8	21.2	38.3	4.4	18.6	31.4
November.....	155.7	15.1	13.7	12.2	21.5	38.7	4.4	19.0	31.1
December.....	159.1	15.3	13.9	11.8	21.5	40.8	4.4	19.3	32.1
1949									
January.....	154.7	14.6	13.9	10.9	21.0	38.8	4.4	19.9	31.2
February.....	154.2	14.8	13.9	10.6	20.6	38.5	4.5	20.1	31.2
March.....	153.2	15.3	14.0	9.6	20.5	38.0	4.5	20.0	31.3
April.....	152.7	15.6	13.9	9.5	20.3	38.0	4.4	19.7	31.3
May.....	151.4	15.4	13.6	9.8	20.4	37.5	4.4	18.8	31.5
June.....	150.2	15.4	13.4	10.3	20.6	36.9	4.4	18.0	31.2
July.....	147.2	14.6	12.9	9.9	20.5	36.6	4.3	17.5	30.9
August.....	146.5	14.1	12.6	10.1	20.1	35.9	4.4	17.8	31.5
September.....	149.1	14.3	12.7	10.3	20.5	36.3	4.6	18.3	32.1
October.....	150.6	14.7	12.6	10.3	20.9	37.0	4.5	18.7	31.9
November.....	152.2	15.2	12.6	9.9	21.3	37.4	4.5	19.4	31.9
December.....	154.6	15.1	12.4	9.2	21.4	39.7	4.6	19.3	32.9

For note and source see table C 1A.

## C. EMPLOYMENT—Continued

## 2. Employees in manufacturing establishments, in selected months, 1947-49

## REGIONAL TOTALS

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing <sup>1</sup> .....	407.9	423.0	426.2	425.8	448.8	427.7	424.9	443.3	426.9	434.6	441.1	427.1
	Percent change											
	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49		
All manufacturing.....	3.6	0.8	5.4	-4.7	4.3	-3.7	2.2	-3.8				

<sup>1</sup> No break-down of manufacturing is available.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with State agencies.



OKLAHOMA

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
	All manufacturing.....	60.1	63.2	65.7	62.6	69.0	64.4	64.1	68.2	62.3	64.7	67.1
Durable goods.....	24.4	26.8	27.2	23.6	27.7	25.5	26.3	28.0		26.4	27.8	
Nondurable goods.....	35.6	36.4	38.5	39.1	41.3	38.9	37.8	40.2		38.4	39.3	
Lumber and wood products.....	3.3	3.2	2.9	2.3	3.4	2.9	3.4	3.3		3.4	3.3	
Stone, clay, and glass products.....	4.7	5.1	5.4	4.5	5.3	5.1	4.9	5.4		4.7	4.9	
Primary metal industries.....	3.9	3.8	3.8	4.1	3.8	3.7	4.2	3.8		4.0	3.8	
Fabricated metal products.....	3.2	3.6	4.2	3.0	3.7	4.1	3.4	4.1		3.4	4.2	
Machinery (except electrical).....	6.2	6.9	6.8	6.3	7.2	6.2	6.4	7.6		6.7	7.5	
Other durable goods <sup>1</sup> .....	3.2	4.2	4.1	3.4	4.3	3.5	4.0	4.1		4.1	4.1	
Food and kindred products.....	15.4	14.3	15.3	18.4	-18.6	16.5	17.3	16.6		16.6	15.7	
Printing, publishing, and allied industries.....	4.0	5.2	5.4	5.0	5.3	5.3	5.1	5.3		5.1	5.4	
Products of petroleum and coal.....	9.8	10.6	11.1	10.1	11.0	10.8	10.0	11.4		10.2	11.2	
Other nondurable goods <sup>2</sup> .....	5.5	6.3	6.7	5.5	6.4	6.3	5.4	6.9		6.4	7.0	
Percent change												
	March			June			September			December		
	1947-48	1948-49		1947-48	1948-49		1947-48	1948-49		1947-48	1948-49	
All manufacturing.....	5.2	4.0		10.2	-6.7		6.4	-8.7		3.7	-4.8	
Durable goods.....	9.8	1.5		17.4	-7.9		6.5			5.3		
Nondurable goods.....	2.2	5.8		5.6	-5.8		6.3			2.3		

<sup>1</sup> Includes ordnance and accessories; furniture and fixtures; electrical machinery; transportation equipment; and professional and scientific instruments, etc.

<sup>2</sup> Includes textile-mill products; apparel and other finished textile products; paper and allied products; chemicals and allied products; rubber products; leather and leather prod-

ucts; and miscellaneous manufacturing industries.

Series based on the 1945 Standard Industrial Classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Oklahoma Employment Security Commission.

## C. EMPLOYMENT—Continued

## 2. Employees in manufacturing establishments, in selected months, 1947-49—Continued

## TEXAS

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing.....	325.0	337.0	336.2	339.3	354.8	337.8	337.9	351.4	339.8	346.6	353.3	338.2
Durable goods.....	136.2	140.0	145.2	137.9	147.2	141.4	133.1	150.5	141.9	141.9	150.9	138.2
Nondurable goods.....	188.8	196.9	191.0	201.4	207.6	196.4	199.7	201.0	197.9	204.7	202.4	199.9
Iron and steel and their products.....	17.1	19.4	19.1	17.6	19.9	17.6	19.0	20.3	19.3	19.3	20.4	19.3
Machinery (except electrical).....	28.4	31.3	32.2	30.1	32.1	29.6	29.5	32.9	31.1	31.1	33.7	31.1
Transportation equipment (including automobiles).....	26.9	23.7	28.0	25.7	26.2	29.3	25.4	28.8	24.6	24.6	29.2	24.6
Nonferrous metals and their products.....	9.9	11.3	11.4	9.5	11.2	11.3	9.2	11.1	11.1	11.1	11.2	11.1
Lumber and timber basic products.....	28.5	30.7	31.0	30.1	34.2	30.2	30.5	33.8	31.3	31.3	33.2	31.3
Furniture and finished lumber products.....	11.9	10.9	11.1	11.5	10.6	11.1	11.6	10.5	11.7	11.7	10.7	11.7
Stone, clay, and glass products.....	9.7	9.7	9.4	9.8	9.8	9.4	9.5	9.7	9.6	9.6	9.5	9.6
Other durable goods <sup>1</sup> .....	3.7	3.1	2.9	3.6	3.2	3.0	3.4	3.4	3.2	3.2	3.0	3.2
Textile-mill products.....	8.9	9.9	10.2	9.3	10.1	9.6	9.2	10.1	9.8	9.8	10.5	9.8
Apparel and other finished textile products.....	26.9	27.1	25.4	25.5	25.0	23.4	26.9	26.1	28.0	28.0	26.8	28.0
Food and kindred products.....	63.1	67.1	62.4	78.3	78.8	71.6	71.5	68.9	72.2	72.2	69.0	72.2
Paper and allied products.....	3.5	3.6	3.5	3.5	3.6	3.6	3.5	3.8	3.8	3.8	3.9	3.8
Printing, publishing, and allied industries.....	19.1	19.6	21.3	19.5	20.2	22.3	20.1	20.3	19.8	19.8	20.9	19.8
Chemicals and allied products.....	19.5	24.2	22.6	18.8	23.5	20.8	20.9	25.5	23.9	23.9	26.0	23.9
Products of petroleum and coal.....	39.2	38.1	38.9	38.6	39.0	38.4	38.5	39.2	37.7	37.7	38.9	37.7
Other nondurable goods <sup>2</sup> .....	8.5	7.3	6.7	7.9	7.4	6.7	9.0	7.2	9.7	9.7	6.6	9.7
Percent change												
	March			June			September			December		
	1947-48	1948-49		1947-48	1948-49		1947-48	1948-49		1947-48	1948-49	
All manufacturing.....	3.7	-0.2		4.6	-4.8		4.0	-3.3		1.9	-4.3	
Durable goods.....	2.8	3.7		6.7	-3.9		9.0			6.3		
Nondurable goods.....	4.3	-3.0		3.1	-5.4		.7			-1.1		

<sup>1</sup> Includes electrical machinery, and automobiles.<sup>2</sup> Includes leather and leather products, tobacco manufactures, rubber products, and miscellaneous manufacturing industries.Series based on the 1942 Social Security Board Classification.  
Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Bureau of Business Research, University of Texas.

NEW MEXICO

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing.....	8.6	8.2	9.0	9.1	9.6	10.2	9.1	9.8	10.5	8.6	8.9	9.9
Durable goods.....	3.4	3.2	3.8	3.8	4.2	4.2	3.9	4.4	4.3	3.7	3.6	
Nondurable goods.....	5.2	5.0	5.2	5.2	5.3	5.9	5.2	5.4	6.2	4.9	5.3	
Lumber and wood products; furniture and fixtures.....	2.3	2.2	2.6	2.8	3.1	3.1	2.8	3.2	3.2	2.8	2.4	
Other durable goods <sup>1</sup> .....	1.0	1.1	1.2	1.0	1.2	1.2	1.1	1.2	1.2	1.0	1.2	
Food and kindred products.....	1.6	1.6	1.8	2.0	2.0	2.4	2.0	2.0	2.4	1.6	1.7	
Other nondurable goods <sup>2</sup> .....	3.5	3.4	3.4	3.3	3.4	3.6	3.2	3.4	3.8	3.2	3.6	
Percent change												
	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49		
All manufacturing.....	-4.7	9.8	5.5	6.2	7.7	7.1	3.5	11.2				
Durable goods.....	-5.9	18.8	10.5		12.8	-2.3	-2.7					
Nondurable goods.....	-3.8	4.0	1.9	11.3	3.8	14.8	8.2					

<sup>1</sup> Includes stone, clay, and glass products; primary metal industries; fabricated metal products; machinery; transportation equipment; and professional and scientific instruments, etc.

<sup>2</sup> Includes tobacco manufactures; textile-mill products; apparel and other finished textile products; paper and allied products; printing, publishing, and allied industries; chemicals and allied products; products of petroleum and coal; rubber products; leather

and leather products; and miscellaneous manufacturing industries.

Series based on the 1945 Standard Industrial Classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with New Mexico Employment Security Commission.

## C. EMPLOYMENT—Continued

## 2. Employees in manufacturing establishments, in selected months, 1947-49—Continued

## ARIZONA

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing .....	14.2	14.6	15.3	14.8	15.4	15.4	13.8	13.9	14.3	14.7	15.3	15.1
Lumber and wood products.....	2.5	2.7	2.5	3.3	2.8	3.4	2.7	2.9		3.1	2.9	
Primary metal industries.....	3.0	2.8	3.1	2.7	3.0	2.5	2.7	1.8		2.8	3.0	
Food and kindred products.....	3.6	3.5	3.7	3.7	3.7	3.5	3.3	3.5		3.5	3.6	
Printing, publishing, and allied industries.....	1.4	1.7	1.9	1.6	1.8	1.8	1.7	1.8		1.8	1.8	
Other manufacturing <sup>1</sup> .....	3.6	3.9	4.0	3.4	4.1	4.3	3.3	3.9		3.6	4.0	
Percent change												
	March			June			September			December		
	1947-48	1948-49		1947-48	1948-49		1947-48	1948-49		1947-48	1948-49	
All manufacturing.....	2.8	4.8		4.1	0		0.7	2.9		4.1	-1.3	

<sup>1</sup> Includes ordnance and accessories; furniture and fixtures; stone, clay, and glass products; fabricated metal products; machinery; transportation equipment; professional and scientific instruments, etc.; tobacco manufactures; textile-mill products; apparel and other finished textile products; paper and allied products; chemicals and allied products; products of petroleum and coal; rubber products; leather and leather products; and

miscellaneous manufacturing industries.

Series based on the 1945 Standard Industrial Classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Unemployment Compensation Division, Arizona Employment Security Commission.

## C. EMPLOYMENT—Continued

## 3. Hours and earnings of production workers in manufacturing

State	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949 <sup>1</sup>	1947	1948	1949 <sup>2</sup>
Average weekly earnings												
United States.....	\$48.28	\$52.92	\$54.74	\$50.13	\$53.87	\$54.51	\$51.31	\$55.16	\$55.72	\$53.48	\$56.14	\$56.20
Southwest:												
Oklahoma.....	( <sup>1</sup> )	( <sup>1</sup> )	52.70	( <sup>1</sup> )	53.15	52.16	( <sup>1</sup> )	55.70	-----	( <sup>1</sup> )	55.46	-----
Texas.....	44.36	48.43	53.17	46.89	53.05	52.96	48.42	53.71	-----	50.39	53.93	-----
Arizona.....	48.48	54.98	56.73	52.42	55.11	57.83	54.35	57.63	-----	55.94	56.88	-----
Average weekly hours												
United States.....	40.4	40.4	39.1	40.3	40.2	38.8	40.5	39.8	39.6	41.3	40.1	39.8
Southwest:												
Oklahoma.....	( <sup>1</sup> )	( <sup>1</sup> )	40.9	( <sup>1</sup> )	42.5	41.2	( <sup>1</sup> )	42.2	-----	( <sup>1</sup> )	42.3	-----
Texas.....	41.5	41.5	41.8	42.9	43.7	41.7	42.4	42.8	-----	43.4	42.9	-----
Arizona.....	41.9	42.0	40.9	42.9	41.5	40.6	42.2	41.7	-----	43.0	41.1	-----
Average hourly earnings												
United States.....	\$1.20	\$1.31	\$1.40	\$1.24	\$1.34	\$1.41	\$1.27	\$1.39	\$1.41	\$1.30	\$1.40	\$1.41
Southwest:												
Oklahoma.....	( <sup>1</sup> )	( <sup>1</sup> )	1.29	( <sup>1</sup> )	1.25	1.27	( <sup>1</sup> )	1.32	-----	( <sup>1</sup> )	1.31	-----
Texas.....	1.07	1.17	1.27	1.09	1.21	1.27	1.14	1.26	-----	1.16	1.26	-----
Arizona.....	1.16	1.31	1.39	1.22	1.33	1.42	1.29	1.38	-----	1.30	1.38	-----

<sup>1</sup> Not available.<sup>2</sup> Preliminary.

NOTE.—Figures are not available for other Southwest States.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with agencies of the respective States.

## D. UNEMPLOYMENT

## 1. Workers covered by State unemployment compensation laws and number of first payments issued, 1940 and 1948

State	Average monthly covered employment					Number of first payments issued (in thousands)	
	Number (in thousands)		Percent of total		Percent increase, 1940-48		
	1940	1948	1940	1948		1940	1948
United States.....	23,007.5	32,856.9	100.0	100.0	42.8	5,211.7	3,593.7
Southwest:	966.2	1,636.8	4.2	5.0	69.4	207.7	78.8
Oklahoma.....	184.6	271.7	.8	.8	47.2	49.4	25.2
Texas.....	672.5	1,171.1	2.9	3.6	74.1	134.3	39.0
New Mexico.....	48.8	88.1	.2	.3	80.5	11.0	4.4
Arizona.....	60.3	105.9	.3	.3	75.6	13.0	10.1

Source: U. S. Department of Labor, Bureau of Employment Security.

## D. UNEMPLOYMENT—Continued

## 2. Continued claims for unemployment benefits

State	Mid-March <sup>1</sup>							
	Number of continued claims			Percent change <sup>2</sup>		Ratio of claimants to covered workers <sup>3</sup>		
	Mar. 22, 1947	Mar. 20, 1948	Mar. 19, 1949	1947-48	1948-49	Mar. 22, 1947	Mar. 20, 1948	Mar. 19, 1949
United States.....	1,120,196	1,071,721	1,949,746	-4.3	81.9	3.7	3.3	5.9
Southwest.....	38,301	31,279	54,181	-18.3	73.2	2.7	2.0	3.3
Oklahoma.....	12,947	10,800	15,409	-16.6	42.7	5.4	4.2	5.7
Texas.....	20,183	15,709	28,563	-22.2	81.8	2.0	1.4	2.4
New Mexico.....	1,500	1,805	3,175	20.3	75.9	2.1	2.2	3.6
Arizona.....	3,671	2,965	7,034	-19.2	137.2	4.2	2.9	6.6

State	Mid-June <sup>1</sup>							
	Number of continued claims			Percent change <sup>2</sup>		Ratio of claimants to covered workers <sup>3</sup>		
	June 21, 1947	June 19, 1948	June 18, 1949	1947-48	1948-49	June 21, 1947	June 19, 1948	June 18, 1949
United States.....	1,169,812	1,016,451	2,007,440	-13.1	97.5	3.9	3.2	6.1
Southwest.....	27,907	19,427	41,686	-30.4	114.6	2.0	1.3	2.5
Oklahoma.....	9,274	6,405	12,971	-30.9	102.5	3.9	2.5	4.8
Texas.....	15,612	9,851	22,032	-36.9	123.7	1.5	.9	1.9
New Mexico.....	841	850	1,771	1.1	108.4	1.2	1.0	2.0
Arizona.....	2,180	2,321	4,912	6.5	111.6	2.5	2.3	4.6

State	Mid-September <sup>1</sup>							
	Number of continued claims			Percent change <sup>2</sup>		Ratio of claimants to covered workers <sup>3</sup>		
	Sept. 20, 1947	Sept. 25, 1948	Sept. 24, 1949	1947-48	1948-49	Sept. 20, 1947	Sept. 25, 1948	Sept. 24, 1949
United States.....	866,361	821,725	1,902,578	-5.2	131.5	2.9	2.6	5.8
Southwest.....	21,365	16,145	41,649	-24.4	158.0	1.5	1.1	2.5
Oklahoma.....	6,919	5,134	12,401	-25.8	141.5	2.9	2.0	4.6
Texas.....	11,352	7,678	21,079	-32.4	174.5	1.1	.7	1.8
New Mexico.....	532	559	2,254	5.1	303.2	.7	.7	2.6
Arizona.....	2,562	2,774	5,915	8.3	113.2	2.9	2.7	5.6

State	Mid-December <sup>1</sup>							
	Number of continued claims			Percent change <sup>2</sup>		Ratio of claimants to covered workers <sup>3</sup>		
	Dec. 13, 1947	Dec. 18, 1948	Dec. 17, 1949	1947-48	1948-49	Dec. 13, 1947	Dec. 18, 1948	Dec. 17, 1949
United States.....	783,889	1,129,265	-----	44.1	-----	2.6	3.5	-----
Southwest.....	18,562	22,222	-----	19.7	-----	1.3	1.4	-----
Oklahoma.....	6,684	7,126	-----	6.6	-----	2.8	2.8	-----
Texas.....	8,539	10,341	-----	21.1	-----	.8	.9	-----
New Mexico.....	855	1,217	-----	42.3	-----	1.2	1.5	-----
Arizona.....	2,484	3,538	-----	42.4	-----	2.8	3.5	-----

<sup>1</sup> Dates were selected to minimize as far as possible such noneconomic factors as holidays and new benefit years.

<sup>2</sup> Increase, unless otherwise indicated.

<sup>3</sup> The rate of unemployment was obtained by dividing the number of claims by the annual average number of persons covered in the previous year.

Source: U. S. Department of Labor, Bureau of Employment Security.

## D. UNEMPLOYMENT—Continued

## 3. Weeks compensated, 1940 and 1948

[In thousands]

State	1940					1948				
	Total for year	March	June	September	December	Total for year	March	June	September	December
United States.....	51,012	4,574	5,324	3,603	2,973	42,550	4,230	3,859	3,114	4,044
Southwest.....	1,959	183	166	145	123	799	98	67	54	63
Oklahoma.....	400	40	30	28	27	312	38	24	20	25
Texas.....	1,300	118	117	97	77	361	46	32	24	26
New Mexico.....	136	14	9	12	11	42	6	3	2	4
Arizona.....	123	11	9	9	8	84	8	7	7	9

Source: U. S. Department of Labor, Bureau of Employment Security.

## 4. Exhaustion of benefit rights and estimated average duration of benefits, 1948

	Exhaustions of benefits		Estimated average duration (weeks) <sup>3</sup>
	Number	As percent of first payments <sup>1</sup>	
United States:			
1940 <sup>2</sup> .....	2,596,128	50.6	9.9
1948.....	1,024,274	27.5	10.7
Southwest.....	40,031	52.4	10.1
Oklahoma.....	12,944	52.2	12.4
Texas.....	22,573	59.2	9.2
New Mexico.....	876	20.9	9.6
Arizona.....	3,638	39.5	8.3

<sup>1</sup> Exhaustions for calendar year as percent of first payments for 12-month period ended in September.<sup>2</sup> Represents number of weeks compensated, divided by number of first payments in calendar year.<sup>3</sup> No State break-downs available for 1940. The 1940 figures exclude Indiana and Wisconsin and include Alaska and Hawaii.

Source: U. S. Department of Labor, Bureau of Employment Security.

## 5. Average weekly benefit for total unemployment, 1940 and 1948

State	1940	1948
United States.....	<sup>1</sup> \$10.56	<sup>1</sup> \$19.03
Southwest.....		
Oklahoma.....	9.84	16.59
Texas <sup>2</sup> .....	8.07	13.93
New Mexico.....	9.16	17.05
Arizona.....	10.96	18.79

<sup>1</sup> United States average includes Alaska and Hawaii.<sup>2</sup> State law provides for 2-week benefit period; data adjusted for comparability with other States.

NOTE.—Dependents' allowances are included. Data are corrected to June 20, 1949.

Source: U. S. Department of Labor, Bureau of Employment Security.

## E. MANUFACTURING

## 1. Establishments, production workers, and value added by manufacture, 1939 and 1947

## OKLAHOMA

Major industry group	Establishments, number		Production workers				Value added by manufacture			
			Number		Percent		Amount (in thousands of dollars)		Percent	
	1939	1947	1939	1947	1939	1947	1939	1947	1939	1947
All industries.....	1,530	1,740	27,642	44,302	100.0	100.0	101,782	341,027	100.0	100.0
Food and kindred products.....	722	643	8,099	10,966	29.3	24.8	32,226	75,969	31.7	22.3
Apparel and related products.....	14	36	243	773	.9	1.7	262	2,466	.3	.7
Lumber and products except furniture.....	78	87	2,521	2,075	9.1	4.7	3,703	8,135	3.6	2.4
Furniture and fixtures.....	28	43	450	1,064	1.6	2.4	1,312	4,339	1.3	1.3
Paper and allied products.....	6	6	193	268	.7	.6	622	1,994	.6	.6
Printing and publishing industries.....	299	374	2,108	3,057	7.6	6.9	11,554	27,542	11.4	8.1
Chemicals and allied products.....	68	76	946	1,207	3.4	2.7	3,575	12,127	3.5	3.6
Petroleum and coal products.....	34	40	4,324	6,352	15.6	14.3	18,525	79,875	18.2	23.4
Leather and leather products.....	2	6	(1)	15	-----	(2)	(1)	44	-----	(2)
Stone, clay, and glass products.....	51	86	2,325	3,956	8.4	8.9	7,540	23,411	7.4	6.9
Primary metal industries.....	24	26	1,743	3,103	6.3	7.0	4,291	16,442	4.2	4.8
Fabricated metal products.....	47	89	1,396	2,722	5.1	6.1	5,767	18,862	5.7	5.5
Machinery, except electrical.....	103	126	1,864	4,906	6.7	11.1	8,423	37,134	8.3	10.9
Transportation equipment.....	4	31	121	1,034	.4	2.3	297	5,556	.3	1.6
Miscellaneous manufactures.....	38	43	216	270	.8	.6	591	1,096	.6	.3
All other major industry groups.....	12	28	(1)	2,534	-----	5.7	(1)	26,035	-----	7.6



TEXAS

All industries, total.....	5, 085	7, 128	125, 115	242, 014	100. 0	100. 0	\$448, 523	\$1, 727, 464	100. 0	100. 0
Food and kindred products.....	1, 982	2, 029	25, 146	42, 817	20. 1	17. 7	106, 506	337, 558	23. 7	19. 5
Textile mill products.....	46	48	7, 079	7, 745	5. 7	3. 2	8, 609	29, 133	1. 9	1. 7
Apparel and related products.....	211	361	10, 173	20, 164	8. 1	8. 3	14, 540	71, 128	3. 2	4. 1
Lumber and products, except furniture.....	418	915	19, 881	29, 354	15. 9	12. 1	26, 872	95, 988	6. 0	5. 6
Furniture and fixtures.....	166	266	2, 669	5, 119	2. 1	2. 1	6, 110	23, 029	1. 4	1. 3
Paper and allied products.....	34	57	1, 552	3, 850	1. 2	1. 6	5, 070	32, 992	1. 1	1. 9
Printing and publishing industries.....	866	1, 155	6, 590	10, 332	5. 3	4. 3	34, 864	92, 467	7. 8	5. 4
Chemicals and allied products.....	339	433	6, 847	17, 475	5. 5	7. 2	27, 661	234, 496	6. 2	13. 6
Petroleum and coal products.....	120	109	18, 971	29, 662	15. 2	12. 3	123, 236	359, 680	27. 5	20. 8
Leather and leather products.....	33	51	637	1, 470	. 5	. 6	1, 347	5, 962	. 3	. 3
Stone, clay, and glass products.....	221	399	5, 098	9, 284	4. 1	3. 8	19, 341	57, 646	4. 3	3. 3
Primary metal industries.....	58	109	3, 140	10, 585	2. 5	4. 4	6, 349	58, 337	1. 4	3. 4
Fabricated metal products.....	165	327	4, 183	10, 964	3. 3	4. 5	13, 323	66, 826	3. 0	3. 9
Machinery (except electrical).....	216	370	8, 358	18, 327	6. 7	7. 6	36, 677	129, 575	8. 2	7. 5
Electrical machinery.....	23	55	441	1, 714	. 4	. 7	1, 969	12, 163	. 4	. 7
Transportation equipment.....	38	99	2, 767	18, 285	2. 2	7. 6	11, 853	91, 893	2. 6	5. 3
Instruments and related products.....	13	49	132	735	. 1	. 3	333	3, 681	. 1	. 2
Miscellaneous manufactures.....	127	280	1, 180	2, 800	. 9	1. 2	3, 205	14, 458	. 7	. 8
All other major industry groups.....	9	16	271	1, 332	. 2	. 6	658	10, 452	. 1	. 6

NEW MEXICO

All industries.....	262	432	3, 219	6, 349	100. 0	100. 0	\$8, 640	\$55, 486	100. 0	100. 0
Food and kindred products.....	118	144	717	1, 289	22. 3	20. 3	2, 541	7, 898	29. 4	14. 2
Apparel and related products.....	2	14	(1)	258	-----	4. 1	(1)	648	-----	1. 2
Lumber and products except furniture.....	49	92	1, 497	1, 855	46. 5	29. 2	2, 279	8, 250	26. 4	14. 9
Furniture and fixtures.....	3	9	15	124	. 5	2. 0	22	429	. 3	. 8
Printing and publishing industries.....	55	78	301	485	9. 4	7. 6	1, 418	3, 729	16. 4	6. 7
Chemicals and allied products.....	6	10	85	1, 052	2. 6	16. 6	413	13, 738	4. 8	24. 8
Leather and leather products.....	1	6	(1)	17	-----	. 3	(1)	33	-----	(?)
Stone, clay, and glass products.....	9	38	165	290	5. 1	4. 6	206	1, 030	2. 4	1. 9
Fabricated metal products.....	2	7	(1)	99	-----	1. 6	(1)	758	-----	1. 4
Machinery, except electrical.....	1	6	(1)	30	-----	. 5	(1)	115	-----	. 2
Miscellaneous manufactures.....	4	14	87	233	2. 7	3. 7	(1)	1, 102	-----	2. 0
All other major industry groups.....	12	14	307	617	9. 5	9. 7	1, 332	17, 756	15. 4	32. 0

See footnotes at end of table, p. 300.

## E. MANUFACTURING—Continued

## 1. Establishments, production workers, and value added by manufacture, 1939 and 1947—Continued

## ARIZONA

Major industry group	Establishments, number		Production workers				Value added by manufacture			
			Number		Percent		Amount (in thousands of dollars)		Percent	
	1939	1947	1939	1947	1939	1947	1939	1947	1939	1947
All industries.....	313	545	5,905	11,167	100.0	100.0	31,625	103,958	100.0	100.0
Food and kindred products.....	154	167	1,319	2,528	22.3	22.6	6,002	20,812	19.0	20.0
Apparel and related products.....		14		65		.6		271		.3
Lumber and products, except furniture.....	29	70	1,364	2,103	23.1	18.8	3,378	12,620	10.7	12.1
Furniture and fixtures.....	8	16	49	229	.8	2.1	116	1,077	.4	1.0
Printing and publishing industries.....	63	89	420	819	7.1	7.3	2,661	8,761	8.4	8.4
Chemicals and allied products.....	13	23	294	485	5.0	4.3	1,968	5,771	6.2	5.6
Stone, clay, and glass products.....	19	82	266	741	4.5	6.6	508	3,616	1.6	3.5
Primary metal industries.....	12	12	2,001	2,975	33.9	26.6	16,363	43,351	51.7	41.7
Fabricated metal products.....	2	20	( <sup>1</sup> )	380		3.4	( <sup>1</sup> )	3,679		3.5
Transportation equipment.....	1	7	( <sup>1</sup> )	156		1.4	( <sup>1</sup> )	753		.7
Instruments and related products.....	1	4	( <sup>1</sup> )	6		.1	( <sup>1</sup> )	35		( <sup>2</sup> )
Miscellaneous manufactures.....	4	14	14	96	.2	.9	41	576	.1	.6
All other major industry groups.....	7	27	78	584	1.3	5.2	249	2,636	.8	2.5

<sup>1</sup> Withheld to avoid disclosing figures for individual companies.

<sup>2</sup> Less than 0.05 percent.

Source: 1947 Census of Manufactures, Final State Reports, (Series MC100). Although 1939 data have been adjusted wherever possible to the Standard Industrial Classification

used for the 1947 census, figures given for the 2 periods are not in every case completely comparable. For full descriptions of the small variations remaining in various industry groups, see the industry volume of the 1947 Census of Manufactures (vol. II).

## E. MANUFACTURING—Continued

## 2. Production workers, 1939 and 1947

State	1939	1947	Change <sup>1</sup>		1939	1947	Change <sup>1</sup>	
			Number	Per cent			Number	Per cent
	All Industries				Food and kindred products			
United States.....	7,808,205	11,916,188	4,107,983	53	802,133	1,099,478	297,345	37
Southwest.....	161,881	303,832	141,951	88	35,281	57,600	22,319	63
Oklahoma.....	27,642	44,302	16,660	60	8,099	10,966	2,867	35
Texas.....	125,115	242,014	116,899	93	25,146	42,817	17,671	70
New Mexico.....	3,219	6,349	3,130	97	717	1,289	572	80
Arizona.....	5,905	11,167	5,262	89	1,319	2,528	1,209	92
	Tobacco manufactures				Textile-mill products			
United States.....	87,525	103,289	15,764	18	1,081,710	1,147,194	65,484	6
Southwest.....	( <sup>2</sup> )	343			( <sup>2</sup> )	( <sup>2</sup> )		
Oklahoma.....	( <sup>2</sup> )				( <sup>2</sup> )	( <sup>2</sup> )		
Texas.....		343			7,079	7,745	666	9
New Mexico.....								
Arizona.....								
	Apparel and related products				Lumber and products, except furniture			
United States.....	752,829	972,897	220,068	29	422,947	596,118	173,171	41
Southwest.....	* 10,416	21,260			25,263	35,387	10,124	40
Oklahoma.....	243	773	530	218	2,521	2,075	-446	-18
Texas.....	10,173	20,164	9,991	98	19,881	29,354	9,473	48
New Mexico.....	( <sup>2</sup> )	258			1,497	1,855	358	24
Arizona.....		65	65		1,364	2,103	739	54
	Furniture and fixtures				Paper and allied products			
United States.....	189,382	282,780	93,398	49	270,239	388,901	118,662	44
Southwest.....	3,183	6,536	3,353	105	* 1,745	* 4,118		
Oklahoma.....	450	1,064	614	136	193	268	75	39
Texas.....	2,669	5,119	2,450	92	1,552	3,850	2,298	148
New Mexico.....	15	124	109					
Arizona.....	49	229	180		( <sup>2</sup> )	( <sup>2</sup> )		
	Printing and publishing industries				Chemicals and allied products			
United States.....	324,371	438,135	113,764	35	275,669	466,458	190,789	69
Southwest.....	9,419	14,693	5,274	56	8,172	20,219	12,047	147
Oklahoma.....	2,108	3,057	949	45	946	1,207	261	28
Texas.....	6,590	10,332	3,742	57	6,847	17,475	10,628	155
New Mexico.....	301	485	184	61	85	1,052	967	
Arizona.....	420	819	399	95	294	485	191	65
	Products of petroleum and coal				Rubber products			
United States.....	107,695	160,610	61,915	57	120,740	214,533	93,793	78
Southwest.....	* 23,295	* 36,029			( <sup>2</sup> )	2,052		
Oklahoma.....	4,324	6,352	2,028	47	( <sup>2</sup> )	1,063		
Texas.....	18,971	29,662	10,691	56	( <sup>2</sup> )	989		
New Mexico.....	( <sup>2</sup> )	( <sup>2</sup> )						
Arizona.....		15	15					

See footnotes at end of table, p. 302.

## E. MANUFACTURING—Continued

## 2. Production workers, 1939 and 1947—Continued

State	1939	1947	Change <sup>1</sup>		1939	1947	Change <sup>1</sup>	
			Number	Per cent			Number	Per cent
	Leather and leather products				Stone, clay, and glass products			
United States.....	327,189	348,529	21,340	7	267,094	405,755	138,661	52
Southwest.....	( <sup>2</sup> )	<sup>3</sup> 1,502	-----	-----	7,854	14,271	6,417	82
Oklahoma.....	( <sup>2</sup> )	15	-----	-----	2,325	3,956	1,631	70
Texas.....	637	1,470	833	131	5,098	9,284	4,186	82
New Mexico.....	( <sup>2</sup> )	17	-----	-----	165	290	125	76
Arizona.....	( <sup>2</sup> )	( <sup>2</sup> )	-----	-----	266	741	475	179
	Primary metal industries				Fabricated metal products			
United States.....	672,438	1,010,055	337,617	50	451,087	822,514	371,427	82
Southwest.....	<sup>3</sup> 6,884	<sup>3</sup> 16,663	-----	-----	<sup>3</sup> 5,579	14,165	-----	-----
Oklahoma.....	1,743	3,103	1,360	78	1,396	2,722	1,326	95
Texas.....	3,140	10,585	7,445	237	4,183	10,964	6,781	162
New Mexico.....	( <sup>2</sup> )	( <sup>2</sup> )	-----	-----	( <sup>2</sup> )	99	-----	-----
Arizona.....	2,001	2,975	974	49	( <sup>2</sup> )	380	-----	-----
	Machinery (except electrical)				Electrical machinery			
United States.....	536,082	1,244,135	708,053	132	247,930	639,147	391,217	158
Southwest.....	<sup>3</sup> 10,273	23,579	-----	-----	( <sup>2</sup> )	( <sup>2</sup> )	-----	-----
Oklahoma.....	1,864	4,906	3,042	163	-----	-----	-----	-----
Texas.....	8,358	18,327	9,969	119	441	1,714	1,273	289
New Mexico.....	( <sup>2</sup> )	30	-----	-----	-----	-----	-----	-----
Arizona.....	51	316	265	-----	-----	( <sup>2</sup> )	-----	-----
	Transportation equipment				Instruments and related products			
United States.....	544,553	987,142	442,589	81	84,867	181,939	97,072	114
Southwest.....	<sup>3</sup> 2,888	<sup>3</sup> 19,475	-----	-----	( <sup>2</sup> )	( <sup>2</sup> )	-----	-----
Oklahoma.....	121	1,034	913	756	14	341	327	-----
Texas.....	2,767	18,285	15,518	561	132	735	603	-----
New Mexico.....	( <sup>2</sup> )	( <sup>1</sup> )	-----	-----	( <sup>2</sup> )	( <sup>2</sup> )	-----	-----
Arizona.....	( <sup>2</sup> )	156	-----	-----	( <sup>2</sup> )	6	-----	-----
	Miscellaneous manufactures							
United States.....	241,725	397,579	155,854	64				
Southwest.....	1,497	3,399	1,902	127				
Oklahoma.....	216	270	54	25				
Texas.....	1,180	2,800	1,620	137				
New Mexico.....	87	233	146	-----				
Arizona.....	14	96	82	-----				

<sup>1</sup> Increase, unless otherwise indicated.<sup>2</sup> Withheld to avoid disclosing figures for individual companies.<sup>3</sup> Omits a number of employees in States marked (<sup>2</sup>).

Source: 1947 Census of Manufactures, Final State Reports (Series M100). Although 1939 data have been adjusted wherever possible to the Standard Industrial Classification used for 1947 census, figures for the 2 periods are not in every case completely comparable. For full descriptions of the small variations remaining in various industry groups, see the industry volume of the 1947 Census of Manufactures (vol. II).

In order to avoid disclosing figures for individual companies, the statistics for some industry groups are not shown. They are included, however, in the State totals.

## E. MANUFACTURING—Continued

3. Trends in total manufacturing, 1899-1947<sup>1</sup>

## NUMBER OF ESTABLISHMENTS

Year	United States	Southwest	Oklahoma	Texas	New Mexico	Arizona
Number						
1899.....	204,750	3,930	495	3,107	174	154
1909.....	264,810	7,522	2,310	4,588	313	311
1919.....	270,231	8,492	2,316	5,390	387	399
1929.....	206,663	7,454	1,658	5,198	250	348
1939.....	173,802	7,190	1,530	5,085	262	313
1947.....	240,881	9,845	1,740	7,128	432	545
Index (1899=100)						
1899.....	100.0	100.0	100.0	100.0	100.0	100.0
1909.....	129.3	191.4	466.7	147.7	179.9	201.9
1919.....	132.0	216.1	467.9	173.5	222.4	259.1
1929.....	100.9	189.7	334.9	167.3	143.7	226.0
1939.....	84.9	183.0	309.1	163.7	150.6	203.2
1947.....	117.6	250.5	351.5	229.4	248.3	353.9

## ALL EMPLOYEES

[Average for the year]

Year	United States	Southwest	Oklahoma	Texas	New Mexico	Arizona
Number						
1899.....	4,850,019	50,024	2,650	41,465	2,578	3,331
1909.....	7,012,066	106,834	15,336	80,079	4,478	6,941
1919.....	9,836,801	175,517	35,445	124,110	6,310	9,652
1929.....	9,659,742	212,060	38,638	156,143	5,070	12,209
1939.....	9,527,306	213,666	37,585	163,978	4,107	7,996
1947.....	14,294,304	374,234	55,403	297,053	7,590	14,188
Index (1899=100)						
1899.....	100.0	100.0	100.0	100.0	100.0	100.0
1909.....	144.6	213.6	578.7	193.1	173.7	208.4
1919.....	202.8	350.9	1,337.5	299.3	244.8	289.8
1929.....	199.2	423.9	1,458.0	376.6	196.7	366.5
1939.....	196.4	427.1	1,418.3	395.5	159.3	240.0
1947.....	294.7	748.1	2,090.7	716.4	294.4	425.9

See footnotes at end of table, p. 304.

## E. MANUFACTURING—Continued

3. Trends in total manufacturing, 1899-1947<sup>1</sup>—Continued

## PRODUCTION WORKERS

[Average for the year]

Year	United States	Southwest	Oklahoma	Texas	New Mexico	Arizona
Number						
1899.....	4,501,919	46,601	2,381	38,604	2,490	3,126
1909.....	6,281,736	93,957	13,143	70,230	4,143	6,441
1919.....	8,464,916	149,349	29,048	106,268	5,736	8,297
1929.....	8,369,705	181,219	31,695	134,498	4,476	10,550
1939.....	7,808,205	161,881	27,642	125,115	3,219	5,905
1947.....	11,916,188	303,832	44,302	242,014	6,349	11,167
Index (1899=100)						
1899.....	100.0	100.0	100.0	100.0	100.0	100.0
1909.....	139.1	201.6	552.0	181.9	166.4	206.0
1919.....	188.0	320.5	1,220.0	275.3	230.4	285.4
1929.....	185.9	388.9	1,331.2	348.4	179.8	337.5
1939.....	173.4	347.4	1,160.9	324.1	129.3	188.9
1947.....	264.7	652.0	1,860.6	626.9	255.0	357.2

## VALUE ADDED BY MANUFACTURE

Year	United States	Southwest	Oklahoma	Texas	New Mexico	Arizona
Amount (thousands of dollars)						
1899.....	4,646,981	55,833	2,703	38,506	2,062	12,562
1909.....	8,160,075	135,540	19,530	94,717	4,637	16,656
1919.....	23,841,624	420,867	87,551	295,709	10,129	27,478
1929.....	30,591,435	653,278	149,404	460,307	11,278	32,289
1939.....	24,487,304	590,570	101,782	448,523	8,640	31,625
1947.....	74,425,825	2,227,935	341,027	1,727,464	55,486	103,958
Index (1899=100)						
1899.....	100.0	100.0	100.0	100.0	100.0	100.0
1909.....	175.6	242.8	722.5	246.0	224.9	132.6
1919.....	513.1	753.8	3,239.0	768.0	491.2	218.7
1929.....	658.3	1,170.1	5,527.3	1,195.4	546.9	257.0
1939.....	526.9	1,057.7	3,765.5	1,164.8	419.0	251.8
1947.....	1,601.6	3,990.4	12,616.6	4,486.2	2,690.9	827.6

<sup>1</sup> Differences in the levels of manufacturing employment in 1939 and 1947 as estimated by the Bureau of Labor Statistics (tables C) and by the Bureau of the Census (tables E) are attributable largely to differences in the definition of manufacturing and in the classification of establishments, administrative offices, and auxiliary units.

Source: 1947 Census of Manufactures, Final State Reports (MC100 series). National series were revised to exclude industries that are no longer counted as manufacturing. Similar adjustments could not be made in the State series because data were not available for many of these industries on a State basis. The sum of the State and regional figures is therefore not equal to the United States totals.

State figures for 1939 and 1947 exclude, whereas earlier figures include, data for "Railroad repair shops," "Manufactured gas," and a few minor industries. Similarly, dates after 1919 exclude figures on the "Automobile repairing" industry, and "Motion pictures" were excluded from manufacturing after 1931. For these reasons the State figures for 1939 and 1947 are not completely comparable to those for earlier years.

The minimum size for establishments to be enumerated has varied from one census to another. The chief resulting lack of comparability is seen in the data on number of establishments. In 1919 and previously, establishments producing a total value of \$500 or more during the year were included. For the period 1921-39 the lower limit was set at \$5,000. The result was to exclude after 1919 a large number of small establishments, but no large amount of employment or of production. If the \$5,000 limit had been in effect in 1919 some 23 percent of the establishments (those producing between \$500 and \$5,000 worth of manufactures per year) would have been omitted, but only about 1/2 of 1 percent of the production workers or the value added by manufacture. For the 1947 census, all establishments that employed at least 1 person at any time during the year were included in the census.

## F. CONSTRUCTION

## 1. New construction activity

[In millions of dollars]

## OKLAHOMA

Year	Total	Private				Public			
		Total <sup>1</sup>	Residential building (excluding farm)	Non-residential building	Public utility	Total	Non-residential building	Highway	Other <sup>2</sup>
1939.....	71.8	44.4	22.6	4.6	12.4	27.4	9.4	8.0	10.0
1940.....	84.6	55.4	27.5	10.1	12.7	29.2	5.2	10.5	13.5
1941.....	124.4	69.8	32.7	11.0	19.2	54.6	15.4	10.3	28.9
1942.....	286.9	54.3	29.3	4.5	14.3	232.6	64.7	6.9	161.0
1943.....	179.7	36.2	10.0	3.5	15.9	143.5	35.8	9.4	98.3
1944.....	72.8	43.0	8.5	2.6	27.6	29.8	10.5	5.7	13.6
1945.....	57.8	37.3	6.3	8.3	18.6	20.5	4.8	15.5	10.0
1946.....	143.7	101.3	38.3	23.4	32.4	42.4	4.6	15.5	22.3
1947.....	241.9	177.6	75.2	25.3	68.1	64.3	9.2	23.8	31.3
1948.....				34.2	105.8	62.5	13.3	21.3	27.9
First quarter, 1948.....				6.2	19.3	10.8	2.0	2.7	6.1
Second quarter, 1948.....				7.0	27.0	16.3	2.5	6.8	7.0
Third quarter, 1948.....				10.0		18.0	3.9	6.2	7.9
First quarter, 1949.....						15.4	4.9	4.5	6.0
Second quarter, 1949.....						22.6	5.5	8.8	8.3
Third quarter, 1949 <sup>3</sup> .....						27.6	5.2	13.5	8.9

## TEXAS

1939.....	317.3	199.4	96.2	41.3	48.3	117.9	38.4	49.3	30.2
1940.....	357.9	215.3	95.8	59.1	46.3	142.6	21.4	40.2	81.0
1941.....	586.0	281.1	124.9	73.9	63.8	304.9	55.7	39.3	209.9
1942.....	1,042.9	187.7	69.9	25.0	75.6	855.2	249.8	36.4	569.0
1943.....	549.7	119.5	28.5	4.8	68.5	430.2	129.7	19.3	281.2
1944.....	274.1	164.6	42.5	24.5	84.5	109.5	41.5	13.5	54.5
1945.....	352.8	224.8	50.4	91.5	71.3	128.0	42.4	23.2	62.4
1946.....	728.6	585.2	258.0	209.1	108.8	133.4	21.1	46.1	66.2
1947.....	1,063.0	889.5	429.9	232.3	204.8	173.5	31.2	90.9	51.4
1948.....	1,373.0	1,112.8	587.1	223.0	271.2	260.2	72.7	115.4	72.1
First quarter, 1948.....	264.3	221.5	124.5	45.1	48.7	42.8	12.4	16.0	14.4
Second quarter, 1948.....	362.1	292.3	164.2	49.4	69.3	69.8	17.6	32.8	19.4
Third quarter, 1948.....	400.1	319.0	159.9	64.2	80.7	81.1	20.6	40.2	20.3
First quarter, 1949.....	283.4	223.9	102.8	57.5	61.1	59.5	20.6	18.5	20.4
Second quarter, 1949.....	331.8	255.4	115.7	54.2	77.9	76.4	26.2	28.1	22.1
Third quarter, 1949 <sup>3</sup> .....	374.2	283.2	128.8	48.4	93.4	91.0	27.9	37.8	25.3

## NEW MEXICO

1939.....	32.1	14.4	5.1	1.8	6.1	17.7	2.8	6.3	8.6
1940.....	30.6	14.6	6.9	2.1	4.1	16.0	1.3	7.7	7.0
1941.....	48.3	21.6	8.6	2.7	8.2	26.7	1.0	7.8	17.9
1942.....	91.1	14.6	3.7	.7	8.6	76.5	1.9	3.3	71.3
1943.....	39.6	13.4	.9	.1	10.6	26.2	1.6	1.8	22.8
1944.....	24.2	10.8	1.4	.4	7.8	13.4	.5	1.4	11.5
1945.....	24.9	8.2	1.7	1.2	4.3	16.7	2.3	1.8	12.6
1946.....	38.6	24.8	8.4	9.0	5.5	13.8	.2	7.7	5.9
1947.....	86.7	68.9	20.3	10.2	36.2	17.8	1.7	10.4	5.7
1948.....				9.6	11.7	21.0	3.3	10.1	7.6
First quarter, 1948.....				2.4	2.2	2.7	.5	1.2	1.0
Second quarter, 1948.....				2.4	3.0	6.1	.8	3.3	2.0
Third quarter, 1948.....				2.6	3.3	6.3	.9	3.2	2.2
First quarter, 1949.....						5.8	1.4	1.7	2.7
Second quarter, 1949.....						7.8	1.6	2.4	3.8
Third quarter, 1949 <sup>3</sup> .....						8.5	1.8	2.0	4.7

See footnotes at end of table, p. 366.

## F. CONSTRUCTION—Continued

1. *New construction activity*—Continued

[In millions of dollars]

## ARIZONA

Year	Total	Private				Public			
		Total <sup>1</sup>	Residential building (excluding farm)	Non-residential building	Public utility	Total	Non-residential building	Highway	Other <sup>2</sup>
1939.....	41.6	13.3	7.0	2.6	2.1	28.3	3.9	9.1	15.3
1940.....	40.4	14.9	8.1	3.1	2.1	25.5	1.8	6.6	17.1
1941.....	66.1	18.9	9.8	4.1	3.1	47.2	1.4	6.6	39.2
1942.....	139.6	8.2	3.6	1.1	1.7	131.4	6.3	5.4	119.7
1943.....	77.7	6.6	2.2	.5	2.0	71.1	25.6	3.3	42.2
1944.....	31.5	7.2	2.2	1.4	2.2	24.3	6.4	2.8	15.1
1945.....	25.4	11.8	6.0	2.4	2.2	13.6	1.1	2.1	10.4
1946.....	44.5	29.8	11.0	12.8	3.7	14.7	.9	7.4	6.4
1947.....	88.4	49.5	20.9	18.0	7.2	38.9	5.4	11.1	22.4
1948.....	.....	.....	.....	16.8	26.4	42.1	7.9	12.0	22.2
First quarter, 1948.....	.....	.....	.....	3.6	5.2	8.0	1.3	2.3	4.4
Second quarter, 1948.....	.....	.....	.....	3.6	6.4	9.6	1.8	2.9	4.9
Third quarter, 1948.....	.....	.....	.....	4.6	7.6	11.5	2.2	3.6	5.7
First quarter, 1949.....	.....	.....	.....	.....	.....	13.5	2.8	2.4	8.3
Second quarter, 1949.....	.....	.....	.....	.....	.....	12.3	3.3	4.4	4.6
Third quarter, 1949 <sup>3</sup> .....	.....	.....	.....	.....	.....	14.3	3.3	4.6	6.4

<sup>1</sup> Includes farm construction.<sup>2</sup> Includes residential building, military and naval, miscellaneous public service enterprises, conservation and development, sewer and water, and all other public construction.<sup>3</sup> Third quarter figures are preliminary.

Source: U. S. Department of Commerce.

2. *Building construction in large cities, 1921-49*<sup>1</sup>

[In thousands of dollars]

Year	Dallas	Fort Worth	Houston	Oklahoma City	San Antonio	Tulsa
1921.....	14,800	4,486	9,287	7,800	7,052	7,305
1922.....	18,617	7,022	12,496	8,054	7,070	13,507
1923.....	25,231	8,475	19,117	7,949	8,022	7,478
1924.....	27,795	11,031	17,217	8,053	9,207	7,984
1925.....	28,354	8,434	35,040	5,777	9,432	10,016
1926.....	16,123	19,402	28,498	7,723	12,072	7,230
1927.....	9,774	28,484	27,326	12,682	12,190	14,792
1928.....	8,089	11,544	35,310	13,522	18,300	13,411
1929.....	9,660	11,262	29,133	22,501	18,070	11,757
1930.....	11,028	10,463	17,265	26,412	8,488	8,356
1931.....	4,348	6,345	11,863	19,019	3,272	4,389
1932.....	2,222	1,432	2,573	7,176	1,638	513
1933.....	1,821	2,626	3,034	2,934	3,044	514
1934.....	2,551	1,405	4,698	1,719	1,834	1,165
1935.....	5,202	3,317	7,339	3,261	6,600	1,591
1936.....	11,550	8,534	18,493	8,144	4,731	2,588
1937.....	7,528	7,105	18,607	5,775	5,201	6,013
1938.....	8,908	6,349	25,052	5,745	6,251	3,261
1939.....	10,877	7,304	26,737	4,590	8,584	4,557
1940.....	12,065	4,838	24,550	5,967	14,016	5,123
1947.....	53,258	27,897	72,631	14,276	30,203	11,288
1948.....	76,061	29,516	98,950	12,429	35,824	14,405
1949.....	69,077	29,862	82,614	16,688	36,941	15,491

<sup>1</sup> Value of permits issued and Federal construction contracts awarded for building construction in cities having a 1940 population of 100,000 or more; covers all classes of building, including additions, alterations, and repairs; covers only construction within official city limits, and does not include suburban developments outside of corporate limits.

Source: U. S. Department of Labor, Bureau of Labor Statistics.



## F. CONSTRUCTION—Continued

## 3. Number of new dwelling units authorized in urban areas, 1921-49

	1921	1922	1923	1924	1925	1926	1927	1928
Southwest.....								
Oklahoma.....								
Oklahoma City.....	1,724	1,398	1,418	782	1,347	1,173	1,752	2,637
Tulsa.....	1,138	1,753	1,498	880	1,273	862	1,434	2,187
Texas.....								
Dallas.....	2,846	3,604	3,540	4,192	4,877	3,104	986	1,199
Fort Worth.....	909	1,201	1,597	1,168	1,327	1,923	3,160	1,758
Houston.....	2,572	3,101	2,875	2,984	3,455	3,815	4,536	4,463
San Antonio.....	1,718	1,654	1,587	1,913	1,873	1,964	2,171	2,784
New Mexico.....								
Arizona.....								

	1929	1930	1931	1932	1933	1934	1935	1936
Southwest.....								
Oklahoma.....								
Oklahoma City.....	3,023	2,005	879	107	45	181	525	1,403
Tulsa.....	1,646	943	377	46	22	35	131	329
Texas.....								
Dallas.....	1,145	996	947	361	280	304	829	1,532
Fort Worth.....	1,262	626	495	245	142	100	288	614
Houston.....	3,490	2,227	1,793	501	624	551	1,342	2,523
San Antonio.....	2,233	1,135	668	289	235	162	412	785
New Mexico.....								
Arizona.....								

	1937	1938	1939	1940	1947	1948	1949
Southwest.....				33,724	66,027	66,924	67,039
Oklahoma.....				4,446	7,771	6,648	8,090
Oklahoma City.....	1,237	1,102	1,028	1,061	1,935	985	1,025
Tulsa.....	484	691	1,038	1,131	1,233	1,024	1,371
Texas.....				26,202	52,866	54,062	52,124
Dallas.....	1,516	1,799	2,103	2,742	7,736	6,981	6,309
Fort Worth.....	746	973	1,858	1,335	4,493	3,223	4,131
Houston.....	2,534	3,658	4,361	5,075	5,881	7,517	5,822
San Antonio.....	727	757	2,056	2,782	5,222	4,675	5,293
New Mexico.....				1,545	3,188	3,843	5,406
Arizona.....				1,531	2,202	2,376	1,419

<sup>1</sup> Based on building permits issued, Federal contracts awarded, and State and local public housing started. Attention is directed to the fact that this tabulation pertains only to building authorized within urban places. Urban as defined by the Bureau of the Census covers incorporated places of 2,500 population or more in 1940 and, by special rule, a small number of unincorporated civil divisions. Building outside these city limits is excluded, even when it is located in populous suburban areas that may be an integral part of a city's economic and social life. These data do not represent the volume of housing actually started during the years shown, because adjustment has not been made for lapsed building permits, nor for lag between permit issuance or contract award dates and the start of construction.

Source: Bureau of Labor Statistics. State estimates are not available prior to 1940.

## G. AGRICULTURE

## 1. Number of farms

State	Number (in thousands)					Percent change, 1910-45 <sup>1</sup>	
	1910	1920	1930	1940	1945	Number of farms	Land in farms
United States.....	6,362	6,448	6,289	6,097	5,859	-7.9	29.9
Southwest.....	653	668	744	650	593	-9.2	72.3
Oklahoma.....	190	192	204	180	165	-13.2	25.3
Texas.....	418	436	495	418	385	-7.9	25.7
New Mexico.....	36	30	31	34	30	-16.7	340.2
Arizona.....	9	10	14	18	13	44.4	2,936.7

<sup>1</sup> Increase unless otherwise indicated.

Source: U. S. Census of Agriculture. Large increases in farm acreage in certain Western States represented chiefly the inclusion as farm land of grazing areas which were formerly open range.

## G. AGRICULTURE—Continued

## 2. Value of farm real estate

State	Average value of farm land and improvements per acre, as of Mar. 1 (1912-14=100)					
	1915	1920	1930	1940	1947	1949
United States.....	103	170	115	84	159	175
Southwest:						
Oklahoma.....	95	166	127	93	169	211
Texas.....	103	174	138	99	165	187
New Mexico.....	100	144	110	84	168	193
Arizona.....	97	165	123	95	176	180

Source: U. S. Department of Agriculture, Current Developments in the Farm Real Estate Market, September 1949.

## 3. Chief agricultural products, 1929, 1939, 1948, as shown by cash receipts from farm marketings

## OKLAHOMA

Product	Receipts (in thousands of dollars)			Percent		
	1929	1939	1948	1929	1939	1948
Total crops and livestock.....	323,261	172,217	673,329	100.0	100.0	100.0
Wheat.....	44,162	34,460	196,306	13.7	20.0	29.2
Cattle, calves.....	43,227	43,713	191,636	13.4	25.4	28.5
Dairy products.....	31,172	21,918	62,116	9.6	12.7	9.2
Cotton lint.....	118,687	22,615	55,501	36.7	13.1	8.2
Other products.....	86,013	49,511	167,770	26.6	28.8	24.9

## TEXAS

Total crops and livestock.....	778,451	469,523	1,954,655	100.0	100.0	100.0
Cotton lint.....	371,008	128,137	539,215	47.7	27.3	27.6
Cattle, calves.....	111,716	107,984	473,412	14.4	23.0	24.2
Other products.....	295,727	233,402	942,028	37.9	49.7	48.2

## NEW MEXICO

Total crops and livestock.....	68,597	50,002	188,791	100.0	100.0	100.0
Cattle, calves.....	26,304	22,577	86,874	38.3	45.2	46.0
Cotton lint.....	9,483	4,481	32,943	13.8	9.0	17.4
Other products.....	32,810	22,944	68,974	47.9	45.8	36.6

## ARIZONA

Total crops and livestock.....	69,461	52,178	220,683	100.0	100.0	100.0
Cattle, calves.....	14,487	13,317	55,932	20.9	25.5	25.3
Truck crops.....	10,674	9,311	52,153	15.4	17.8	23.6
Cotton lint.....	20,709	10,767	38,912	29.8	20.6	17.6
Other products.....	23,591	18,783	73,686	33.9	36.1	33.5

Source: U. S. Department of Agriculture, Bureau of Agricultural Economics. 1929 and 1939, from Cash Receipts from Farming by States and Commodities, Calendar Years 1942-44. 1948, from Farm Income Situation, June 1949.

## G. AGRICULTURE—Continued

## 4. Farm wage rates

State	Composite rate per month <sup>1</sup>				Percent of United States average			
	1919	1929	1939	1948	1919	1929	1939	1948
United States.....	\$51.13	\$44.52	\$30.56	\$107	100.0	100.0	100.0	100.0
Southwest:								
Oklahoma.....	57.60	38.20	26.80	107	112.7	85.8	87.7	100.0
Texas.....	51.40	36.30	25.40	100	100.5	81.5	83.1	93.5
New Mexico.....	43.60	38.40	29.60	108	85.3	86.3	96.9	-109.9
Arizona.....	54.30	52.00	39.90	131	106.2	116.8	130.6	122.4

<sup>1</sup> Composite is a weighted average of monthly and daily wage rates with and without board.

Source: U. S. Department of Agriculture, Farm Labor.

## H. TIMBER RESOURCES AND LUMBER CUT

State	Estimated volume of standing saw timber on commercial forest land, 1945		Lumber sawed				
			Million board feet		Percent change, 1942-47 <sup>1</sup>	Percent of United States total	
	Million board feet A	Percent of United States total B	1942	1947		E	1942
			C	D	F		G
United States.....	1,600,972	100.00	36,332	35,404	-2.6	100.0	100.0
Southwest:	55,473	3.46	1,761	1,776	.9	4.8	5.0
Oklahoma.....	3,048	.19	112	83	-25.8	.3	.2
Texas.....	27,684	1.73	1,384	1,347	-2.7	3.8	3.8
New Mexico.....	8,471	.53	122	127	3.7	.3	.4
Arizona.....	16,270	1.01	143	220	53.6	.4	.6

<sup>1</sup> Increase, unless otherwise indicated.

Source: Columns A and B Agricultural Statistics, 1948. Columns C and D, 1947 census of manufactures pamphlet MC 24A.

## J. MINERALS

## 1. Value of mineral production, 1940 and 1948

State	Amount (in thousands of dollars)		Percent of United States total	
	1940	1948	1940	1948
United States <sup>1</sup> .....	5,613,900	15,670,000	100.0	100.0
Southwest.....	957,455	3,734,991	22.9	30.1
Oklahoma.....	207,745	503,654	5.0	4.1
Texas.....	592,781	2,809,071	14.2	22.6
New Mexico.....	71,638	221,022	1.7	1.8
Arizona.....	85,291	201,244	2.0	1.6

<sup>1</sup> The United States figure is greater than the sum of State figures, principally because it includes pig iron, ferro-alloy metals, and aluminum valued at the smelter, instead of ore at the mine; natural gas valued at points of consumption rather than at wells; and the mineral production of Alaska and insular territories.

Source: U. S. Department of the Interior, Bureau of Mines.

## J. MINERALS—Continued

## 3. Copper production—Mine production of recoverable copper

[Short tons]

State	Production by years				Maximum production	
	Amount			Percent change, 1929-48 <sup>1</sup>	Year	Amount
	1929	1939	1948			
United States.....	977,300	728,192	834,797	-14.6	1943	1,090,818
Southwest.....	464,343	308,288	449,831	-3.1		
Texas.....	170	34	23		1928	224
New Mexico.....	48,859	46,142	74,687	52.9	1942	80,100
Arizona.....	415,314	262,112	375,121	-9.7	1929	415,314

<sup>1</sup> Increase, unless otherwise indicated.

Source: U. S. Department of the Interior, Bureau of Mines.

## 4. Lead and zinc production—Mine production of recoverable metal

[Short tons]

State	Lead				Zinc			
	Amount			Percent change, col. A to col. C <sup>1</sup>	Amount			Percent change, col. E to col. G <sup>1</sup>
	1925-29 average	1939	1948		1925-29 average	1939	1948	
A	B	C	D	E	F	G	H	
United States.....	663,248	413,042	390,147	-41.2	724,720	583,807	629,955	-13.1
Southwest.....	74,992	44,110	54,640	-27.1	252,948	176,446	139,801	-44.7
Oklahoma.....	58,306	27,720	16,918	-71.0	226,969	140,379	43,821	-80.7
Texas.....	213	227	170	-20.2				
New Mexico.....	6,730	5,392	7,653	13.7	23,351	29,356	41,502	77.7
Arizona.....	9,743	10,771	29,899	206.9	2,628	6,711	54,478	1,973.0

<sup>1</sup> Increase, unless otherwise indicated.

Source: U. S. Department of the Interior, Bureau of Mines.

## 5. Crude petroleum production

State	Amount (in thousands of barrels)			Percent change, 1929-48 <sup>1</sup>
	1929	1939	1948	
United States <sup>2</sup> .....	1,007,323	1,264,962	2,016,282	100.2
Southwest.....	553,710	681,078	1,105,319	99.6
Oklahoma.....	255,004	159,913	154,032	-39.6
Texas.....	296,876	483,528	903,318	204.3
New Mexico.....	1,830	37,637	47,969	

<sup>1</sup> Increase, unless otherwise indicated.<sup>2</sup> Figures for 1929 and 1939 include small amounts produced in Alaska; 1948 figure does not.

Source: U. S. Department of the Interior, Bureau of Mines.

## J. MINERALS—Continued

## 6. Coal production

State	Production by years				Maximum production	
	Amount (in thousands of net tons)			Percent change 1929-48 <sup>1</sup>	Year	Amount (in thousands of net tons)
	1929	1939	1948			
United States.....	608,716	446,194	650,730	6.9	1947	3,630,624
Southwest <sup>2</sup> .....	7,498	3,244	4,401	-41.3		
Oklahoma.....	3,774	1,188	2,925	-22.5	1920	4,849
Texas.....	1,101	826	56	-94.9	1913	2,429
New Mexico.....	2,623	1,230	1,420	-45.9	1918	4,023

<sup>1</sup> Increase, unless otherwise indicated.<sup>2</sup> Bituminous and lignite. Does not include anthracite production.<sup>3</sup> Omits a small amount produced in Arizona.

Source: U. S. Department of the Interior, Bureau of Mines.

## K. INCOME PAYMENTS TO INDIVIDUALS

## 1. Total income payments

State	Amount (in millions of dollars)			Percent change <sup>1</sup>			Percent of United States total		
	1929	1940	1948	1929-40	1940-48	1929-48	1929	1940	1948
United States.....	82,617	75,852	206,011	-8	172	149	100.00	100.00	100.00
Southwest.....	4,153	3,908	12,615	-6	223	204	5.03	5.15	6.13
Oklahoma.....	1,079	829	2,361	-23	185	119	1.31	1.09	1.15
Texas.....	2,668	2,652	8,788	-1	231	229	3.23	3.50	4.27
New Mexico.....	161	190	643	18	238	299	.19	.25	.31
Arizona.....	245	237	823	-3	247	236	.30	.31	.40

<sup>1</sup> Increase, unless otherwise indicated.

Source: U. S. Department of Commerce, National Income Division. For definitions of income payments and major components see State Income Payments in 1948, in U. S. Department of Commerce Survey of Current Business, August 1949.

## 2. Per capita income payments

State	Amount (in dollars)			Percent change <sup>1</sup>			Percent of United States average		
	1929	1940	1948	1929-40	1940-48	1929-48	1929	1940	1948
United States.....	\$680	\$575	\$1,410	-15	145	107	100	100	100
Southwest.....	464	399	1,153	-14	189	148	68	69	82
Oklahoma.....	455	356	1,029	-22	189	126	67	62	73
Texas.....	465	413	1,192	-11	189	156	68	72	85
New Mexico.....	383	356	1,125	-7	216	194	56	62	80
Arizona.....	573	473	1,168	-17	147	104	84	82	83

<sup>1</sup> Increase, unless otherwise indicated.

Source: U. S. Department of Commerce, National Income Division. For definitions of income payments and major components see State Income Payments in 1948, in U. S. Department of Commerce Survey of Current Business, August 1949.

## K. INCOME PAYMENTS TO INDIVIDUALS—Continued

## 3 (a). Components of income payments

[Components as percentage of State total]

State	Total	Agricultural income	Manufacturing pay rolls	Trade and service income	Government income payments	All other
1929						
United States.....	100.0	8.4	19.7	24.4	7.3	40.2
Southwest.....	100.0	19.7	7.6	24.7	7.8	40.2
Oklahoma.....	100.0	18.5	6.8	23.5	7.5	43.7
Texas.....	100.0	20.2	8.3	25.5	7.2	38.8
New Mexico.....	100.0	29.1	2.6	20.5	12.5	35.3
Arizona.....	100.0	13.7	6.9	25.1	12.0	42.3
1940						
United States.....	100.0	7.2	20.3	25.2	12.4	34.9
Southwest.....	100.0	15.9	8.0	25.2	12.5	38.4
Oklahoma.....	100.0	18.1	7.3	24.0	14.6	36.0
Texas.....	100.0	15.1	9.0	25.6	11.1	39.2
New Mexico.....	100.0	20.9	2.4	23.5	16.1	37.1
Arizona.....	100.0	13.7	4.6	26.0	18.6	37.1
1948						
United States.....	100.0	10.2	22.4	27.0	13.9	26.5
Southwest.....	100.0	15.6	9.7	27.8	15.9	31.0
Oklahoma.....	100.0	18.3	8.1	26.2	18.2	29.2
Texas.....	100.0	14.8	10.9	28.2	14.8	31.3
New Mexico.....	100.0	15.3	4.8	26.9	19.8	33.2
Arizona.....	100.0	17.6	5.5	26.8	18.3	31.8

Source: U. S. Department of Commerce, National Income Division. For definitions of income payments and major components see State Income Payments in 1948, in U. S. Department of Commerce Survey of Current Business, August 1949.

3 (b). Components of income payments<sup>1</sup>

[Components as percentage of State total]

State	Agricultural income			Manufacturing pay rolls			Trade and service income			Government income payments			All other		
	1929	1940	1948	1929	1940	1948	1929	1940	1948	1929	1940	1948	1929	1940	1948
United States.....	8.4	7.2	10.2	19.7	20.3	22.4	24.4	25.2	27.0	7.3	12.4	13.9	40.2	34.9	26.5
Southwest.....	19.7	15.9	15.6	7.6	8.0	9.7	24.8	25.2	27.8	7.8	12.5	15.9	40.2	38.4	31.0
Oklahoma.....	18.5	18.1	18.3	6.8	7.3	8.1	23.5	24.0	26.2	7.5	14.6	18.2	43.7	36.0	29.2
Texas.....	20.2	15.1	14.8	8.3	9.0	10.9	25.5	25.6	28.2	7.2	11.1	14.8	38.8	39.2	31.3
New Mexico.....	29.1	20.9	15.3	2.6	2.4	4.8	20.5	23.5	26.9	12.5	16.1	19.8	35.3	37.1	33.2
Arizona.....	13.7	13.7	17.6	6.9	4.6	5.5	25.1	26.0	26.8	12.0	18.6	18.3	42.3	37.1	31.8

<sup>1</sup> Same data as in table K3 (a), rearranged to emphasize year-to-year change.

Source: U. S. Department of Commerce, National Income Division. For definitions of income payments and major components see State Income Payments in 1948, in U. S. Department of Commerce Survey of Current Business, August 1949.

## L. SELECTED ECONOMIC INDICATORS

## 1. Production of electric energy

Year	United States	Southwest	Oklahoma	Texas	New Mexico	Arizona
Kilowatt hours (in thousands)						
1920.....	39,404,639	1,013,174	182,955	666,527	14,946	148,746
1925.....	61,451,091	1,757,727	366,040	1,248,131	21,833	121,723
1930.....	91,111,548	4,329,617	958,087	2,915,549	75,871	380,110
1935.....	95,287,390	3,900,811	821,949	2,516,874	190,744	371,244
1940.....	141,837,010	6,778,179	1,182,166	3,976,056	316,862	1,303,095
1945.....	222,486,283	13,651,579	2,255,485	7,400,691	558,581	3,436,822
1946.....	223,177,783	12,776,378	2,009,109	7,338,627	604,992	2,823,650
1947.....	255,738,984	14,181,280	2,347,606	8,393,295	760,360	2,680,019
1948.....	282,698,214	16,484,823	2,660,518	9,696,491	845,696	3,282,118
Index (1920=100)						
1920.....	100.0	100.0	100.0	100.0	100.0	100.0
1925.....	155.9	173.5	200.1	187.3	146.1	81.8
1930.....	231.2	427.3	523.7	437.4	507.6	255.5
1935.....	241.8	385.0	449.3	377.6	1,276.2	249.6
1940.....	360.0	669.0	646.2	596.5	2,120.0	876.1
1945.....	564.6	1,347.4	1,232.8	1,110.3	3,737.3	2,310.5
1946.....	566.4	1,261.0	1,098.1	1,101.0	4,047.9	1,898.3
1947.....	649.0	1,399.7	1,283.2	1,259.3	5,087.4	1,801.7
1948.....	717.4	1,627.0	1,454.2	1,454.8	5,658.3	2,206.5

Source: Federal Power Commission.

## 2. Bank deposits

State	Millions of dollars				Percent of national total			
	1919	1929	1939	1948	1919	1929	1939	1948
United States.....	33,571	53,963	58,344	148,978	100.0	100.0	100.0	100.0
Southwest.....	1,035	1,600	1,830	7,767	3.1	3.0	3.1	5.2
Oklahoma.....	317	431	382	1,453	.9	.8	.7	1.0
Texas.....	615	1,034	1,295	5,598	1.8	1.9	2.2	3.8
New Mexico.....	40	43	63	296	.1	.1	.1	.2
Arizona.....	63	92	90	419	.2	.2	.2	.3

NOTE.—1919 and 1929 figures as of end of June; 1939 and 1948 as of end of December. The earlier figures are not strictly comparable to those for later years, and are being revised by the Federal Reserve Board.

Source: Board of Governors of the Federal Reserve System.

## 3. Gross postal receipts

State	Amount (in thousands of dollars)			As percent of United States total			Receipts per capita of population		
	1930	1940	1948	1930	1940	1948	1930	1940	1948
United States.....	684,610	726,172	1,327,532	100.0	100.0	100.0	\$5.56	\$5.50	\$9.09
Southwest.....	30,547	35,428	68,235	4.5	4.9	5.1	3.35	3.62	6.24
Oklahoma.....	7,272	7,375	12,881	1.1	1.0	.9	3.03	3.18	5.39
Texas.....	20,654	24,433	48,236	3.0	3.4	3.6	3.53	3.80	6.54
New Mexico.....	1,089	1,631	3,056	.2	.2	.2	2.55	3.04	5.35
Arizona.....	1,532	1,990	4,562	.2	.3	.3	3.53	3.93	6.48

NOTE.—Year covered is the fiscal year ending June 30.

Source: Annual reports of the Postmaster General for 1930, 1940, and 1948.

## L. SELECTED ECONOMIC INDICATORS—Continued

4. Revenue freight originated, class I steam railways, 1940 and 1948<sup>1</sup>

[Thousands of tons]

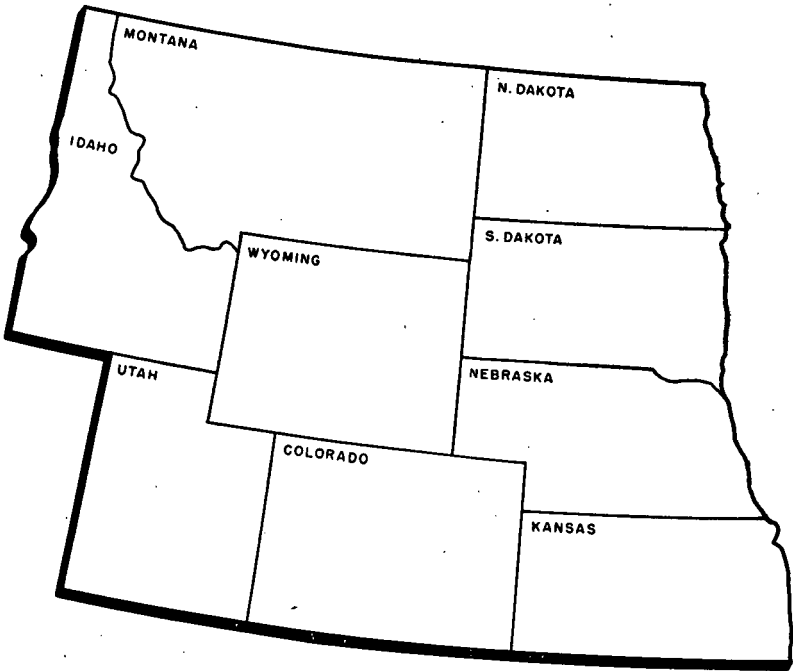
State	Total		Products of agriculture		Animals and products		Products of mines		Products of forests		Manufactures and miscellaneous		Forwarder traffic <sup>2</sup>	
	1940	1948	1940	1948	1940	1948	1940	1948	1940	1948	1940	1948	1940	1948
United States.....	993,569.9	1,486,240.2	88,573.4	144,784.3	15,429.6	16,839.8	569,956.2	845,117.1	58,129.6	85,971.6	261,481.0	389,221.2	2,749.0	4,306.2
Southwest.....	40,183.2	87,512.2	7,345.9	16,308.4	1,344.2	1,715.0	12,852.0	35,555.7	2,384.9	3,774.9	16,256.3	30,149.6	30.4	8.6
Oklahoma.....	10,517.9	19,044.3	2,313.3	5,097.1	212.3	266.4	2,969.2	7,016.1	100.0	231.5	4,923.0	6,433.0	.1	.3
Texas.....	25,277.0	61,352.4	4,562.1	10,082.0	848.2	1,200.0	7,666.0	25,849.9	1,978.4	3,280.8	10,222.4	20,931.7	30.3	8.0
New Mexico.....	1,768.8	4,237.4	85.1	275.6	167.8	155.2	692.2	1,609.6	199.9	88.0	623.9	2,109.0	(*)	(*)
Arizona.....	2,619.5	2,878.1	385.4	853.7	115.9	93.4	1,524.6	1,080.1	106.6	174.6	487.0	675.9	(*)	.3

<sup>1</sup> Carload lots only. Less than carload lots are not included.<sup>2</sup> The term "forwarder traffic" means freight traffic consigned by or to a forwarder, i. e., a company, firm or individual recognized as engaged in the business of collecting and accumulating less than carload shipments into consolidated carloads without an ownership in the property so handled.<sup>3</sup> Less than 50.

Source: Interstate Commerce Commission.



# NORTHWEST



UNITED STATES DEPARTMENT OF LABOR  
BUREAU OF LABOR STATISTICS

## CHAPTER 7. NORTHWEST

This region includes the following States: North Dakota, South Dakota, Nebraska, Kansas, Montana, Idaho, Wyoming, Colorado, and Utah.

### *Area and population*

The Northwest Region, with more than one-fourth of the Nation's area and only one-twentieth of the population, is the most sparsely settled part of the country. It averages less than 10 residents per square mile, to the Nation's 50. Even Kansas, most densely populated State in the region, averages only 24 per square mile (tables A 1 and B 1).

Half of the territory of the Northwest is in pasture and range, as compared with only one-third of the Nation as a whole. A large part of the area of the four eastern States, however, is cropland in farms. In the western States, there is some forest land, but range predominates (table A 2).

The population of the Northwest has increased very little since 1929. The Dakotas, Nebraska, and Montana, in fact, had fewer residents in 1949 than 20 years earlier. Migration out of the States was so large as to overbalance the natural increase resulting from an excess of births over deaths. The net loss by migration out of the region between 1930 and 1948 was equal, in fact, to 15 percent of the total 1930 population.

There were more children in the Northwestern States, in 1948, on the average, than in the Nation as a whole. Kansas and Nebraska were the exceptions. However, the average age has been increasing in all these States, as it has nationally. There were proportionately more persons in the middle years in 1948 than in 1930, and more aged 65 and over (table B 4).

This region is predominantly rural, though not by as large a proportion as at the beginning of the century. In 1940, only Colorado and Utah had more urban than rural residents (table B 6).

### *Nonagricultural employment*

The national rise in nonagricultural employment between 1939 and 1948, amounting to 45 percent, was exceeded by Kansas and Utah, and matched by Idaho and Wyoming (table C 1 (a)). The rise in Montana amounted to about 25 percent. (Data are not available for the other States in this region.)

Manufacturing is much less important in the economy of this region than in the country as a whole, nor has it been showing as much growth, compared with earlier years, as the rest of the country (table E 3 (b)). In none of these States does it account for as much as 20 percent of the total nonagricultural employment, as compared with a national average of 33 percent. Kansas and Nebraska, however, have shown considerable gains in this sector since 1939, mostly due to rises in the transportation equipment, machinery, and food industries (table E 2).

The impact of the downturn in manufacturing employment was much less severe in this sector than in the country as a whole (tables C 1 (b) and C 2). Manufacturing employment dropped 8 percent between June 1948 and June 1949 in the country as a whole; in this region the drop was less than 4 percent. Nonagricultural employment, in fact, was up somewhat as compared with a year ago in most of these States.

### *Unemployment*

Unemployment (as measured by continued claims for unemployment insurance benefits under State laws) has always been relatively lighter in this area than in the rest of the country (table D 2).

The average recipient of benefits in 1948 in this region stayed on the unemployment rolls about 9 weeks, or a week less than elsewhere in the country (table D 4). Duration was lowest in Wyoming (less than 8 weeks) and highest in Montana and North Dakota (10½ weeks). Some 30 percent of all those who received at least one payment continued until they exhausted all their rights; the comparable national figure was 28 percent. The highest exhaustion rate was in Wyoming (39 percent) and the lowest in North Dakota (8 percent).

### *Construction*

In three of the five largest cities of this area (Kansas City, Kans., Salt Lake City, and Wichita) dollar volume of construction activity in 1949 exceeded the comparable figure in 1948 (table F 2). In all five, the 1949 level of building activity was well above the 1921 levels.

Home building activity in this area in 1949 was well above 1948, more than keeping pace with the national trend (table F 3).

### *Agriculture*

The number of farms in this region did not change significantly between 1910 and 1945 (table G 1). However, the amount of land in farms rose by more than 80 percent, with the sharpest increases in Montana and Wyoming.

During this period, farm real estate values have risen less than in the country as a whole (table G 2). Contrary to the national experience, the average value in 1949 was sharply below the 1920 level in North Dakota, South Dakota, and Nebraska; however, the rise in these States between 1947 and 1949 was greater than in the country as a whole.

This region employs about 10 percent of all the farm personnel in the country (table C 4). Following the national trend, employment is lower than it was in 1925; however, there has been a slight increase as compared with 1940.

Farm wage rates in the Northwest States in 1948 were from 10 to 45 percent higher than in the country as a whole (table G 4). This was true of most of these States in past years as well.

### *Income*

The Northwest Region, with one-twentieth of the population of the Nation, received in 1948 about one-twentieth of the individual income payments. Its payments per capita were therefore virtually the same as the national average (\$1,413 in the Northwest; \$1,410 in the Nation). Its increase during the forties, however, was very much

greater than for the Nation as a whole. Per capita payments in the Northwest in 1940 were only 79 percent as high as in the Nation. This sudden rise reflects the fortunes of the region's chief activity, agriculture.

Manufacturing pay rolls contribute a smaller percent of the total than in any other region, and agricultural payments a larger percent (tables K 1, 2, and 3 (a) and (b)).

*Other economic indicators*

Since 1940, the production of electric energy has risen somewhat less sharply in this region than in the country as a whole (table L 1). In some States in this region, however, particularly Wyoming, Colorado, North Dakota, and South Dakota, the rise was greater than the national increase over the same period.

Bank deposits in this region were 4 times as great in 1948 as in 1939, having risen from \$1,500,000,000 to \$6,600,000,000 (table L 2). In the country as a whole, 1948 deposits were less than 3 times the 1939 level.

## A. LAND

### 1. Land area and population density

State	Land area		Density—Population per square mile				
	Square miles	Percent of United States	1900	1920	1930	1940	1949 <sup>1</sup>
United States.....	2,977,128	100.0	25.5	35.5	41.2	44.2	50.0
Northwest.....	818,299	27.5	5.6	8.4	9.0	9.1	9.5
North Dakota.....	70,054	2.4	4.6	9.2	9.7	9.2	8.6
South Dakota.....	76,536	2.6	5.2	8.3	9.1	8.4	8.5
Nebraska.....	76,653	2.6	13.9	16.9	18.0	17.2	16.8
Kansas.....	82,113	2.8	17.9	21.6	22.9	21.9	23.7
Montana.....	<sup>2</sup> 146,316	4.9	1.7	3.8	3.7	3.8	3.6
Idaho.....	<sup>2</sup> 82,808	2.8	2.0	5.2	5.4	6.3	7.1
Wyoming.....	<sup>2</sup> 97,506	3.3	.9	2.0	2.3	2.6	2.9
Colorado.....	103,967	3.5	5.2	9.1	10.0	10.8	11.7
Utah.....	82,346	2.8	3.4	5.5	6.2	6.7	8.3

<sup>1</sup> Provisional estimate.

<sup>2</sup> Total land area includes part of Yellowstone National Park, geographically located in Montana (269 square miles), Idaho (58 square miles), and Wyoming (2,931 square miles). Total population of park returned as in Wyoming in years prior to 1930.

Source: U. S. Bureau of the Census.

## A. LAND—Continued

## 2. Land use, 1945

State	Total	Forest land	Crop-land in farms	Pasture and range	Other <sup>1</sup>
Acres (in thousands)					
United States.....	1,905,362	623,828	525,111	609,484	146,939
Northwest.....	523,711	85,158	147,549	274,110	16,894
North Dakota.....	44,835	621	27,101	13,324	3,789
South Dakota.....	48,983	1,979	23,169	23,396	439
Nebraska.....	49,058	1,112	25,415	21,931	600
Kansas.....	52,552	1,121	34,193	16,638	600
Montana.....	93,642	24,238	14,789	52,751	1,864
Idaho.....	52,997	18,813	4,708	28,185	1,291
Wyoming.....	62,404	8,878	3,513	48,942	1,071
Colorado.....	66,539	19,002	12,899	32,478	1,260
Utah.....	52,701	8,494	1,762	36,465	5,980
Percent in each use					
United States.....	100	32.7	27.6	32.0	7.7
Northwest.....	100	16.3	28.2	52.3	3.2
North Dakota.....	100	1.4	60.4	29.7	8.5
South Dakota.....	100	4.0	47.3	47.8	.9
Nebraska.....	100	2.3	51.8	44.7	1.2
Kansas.....	100	2.1	65.1	31.7	1.1
Montana.....	100	25.9	15.8	56.3	2.0
Idaho.....	100	35.5	8.9	53.2	2.4
Wyoming.....	100	14.2	5.7	78.4	1.7
Colorado.....	100	29.9	19.4	48.8	1.9
Utah.....	100	16.1	3.3	69.2	11.4
Percent of United States total					
United States.....	100.0	100.0	100.0	100.0	100.0
Northwest.....	27.5	13.6	28.1	45.0	11.5
North Dakota.....	2.3	.1	5.2	2.2	2.6
South Dakota.....	2.6	.3	4.4	3.9	.3
Nebraska.....	2.6	.2	4.8	3.6	.4
Kansas.....	2.7	.2	6.5	2.7	.4
Montana.....	4.9	3.9	2.8	8.7	1.3
Idaho.....	2.8	3.0	.9	4.6	.9
Wyoming.....	3.3	1.4	.7	8.0	.7
Colorado.....	3.5	3.2	2.5	5.3	.8
Utah.....	2.8	1.3	.3	6.0	4.1

<sup>1</sup> Farmsteads, roads, urban, waste, etc.

Source: U. S. Department of Agriculture, Forest Service, Basic Forest Statistics for the United States.

## B. POPULATION

## 1. Number

State	1900	1929	1940	1949 <sup>1</sup>
United States.....	75,995,000	121,770,000	131,954,000	148,720,000
Northwest.....	4,572,000	7,317,000	7,425,000	7,780,000
North Dakota.....	319,000	674,000	638,000	605,000
South Dakota.....	402,000	690,000	639,000	649,000
Nebraska.....	1,066,000	1,375,000	1,315,000	1,285,000
Kansas.....	1,470,000	1,867,000	1,798,000	1,947,000
Montana.....	243,000	524,000	560,000	521,000
Idaho.....	162,000	447,000	529,000	592,000
Wyoming.....	93,000	223,000	255,000	284,000
Colorado.....	540,000	1,008,000	1,136,000	1,215,000
Utah.....	277,000	508,000	555,000	682,000
Percent change <sup>2</sup>				
	1900-1949	1900-1929	1929-1940	1940-1949 <sup>1</sup>
United States.....	95.7	60.2	8.4	12.7
Northwest.....	70.2	60.0	1.5	4.8
North Dakota.....	89.7	111.1	-5.3	-5.2
South Dakota.....	61.4	71.9	-7.4	1.6
Nebraska.....	20.5	29.0	-4.4	-2.3
Kansas.....	32.4	27.0	-3.7	8.3
Montana.....	114.4	115.5	6.8	-7.0
Idaho.....	265.4	176.2	12.4	11.9
Wyoming.....	205.4	141.5	14.1	11.4
Colorado.....	125.0	86.8	12.7	7.0
Utah.....	146.2	83.5	9.3	22.9
Percent of United States total				
	1900	1929	1940	1949 <sup>1</sup>
United States.....	100.0	100.0	100.0	100.0
Northwest.....	6.0	6.0	5.6	5.2
North Dakota.....	.4	.6	.5	.4
South Dakota.....	.5	.6	.5	.4
Nebraska.....	1.4	1.1	1.0	.9
Kansas.....	1.9	1.5	1.4	1.3
Montana.....	.3	.4	.4	.4
Idaho.....	.2	.4	.4	.4
Wyoming.....	.1	.2	.2	.2
Colorado.....	.7	.8	.9	.8
Utah.....	.4	.4	.4	.5

<sup>1</sup> Provisional estimate.<sup>2</sup> Increase, unless otherwise indicated.NOTE.—Figures cover total population, including armed forces stationed in the State; 1900, as of June<sup>1</sup>; 1929 and later years, as of July 1.

Source: U. S. Bureau of the Census.

## B. POPULATION—Continued

## 2. Estimated migration and natural increase, 1940-48

[In thousands]

State	Net change in civilian population <sup>1</sup>	Natural increase	Net migration <sup>2</sup>	Net loss to armed forces
United States.....	13,888	13,982	+1,328	1,423
Northwest.....	177	794	-534	84
North Dakota.....	-60	78	-132	5
South Dakota.....	-34	69	-97	6
Nebraska.....	-35	112	-134	13
Kansas.....	84	151	-48	20
Montana.....	-50	56	-99	7
Idaho.....	61	71	-4	7
Wyoming.....	30	33	( <sup>3</sup> )	3
Colorado.....	64	123	-44	15
Utah.....	117	101	+24	8

<sup>1</sup> Increase, unless otherwise indicated.<sup>2</sup> Net migration, comprises both net immigration from other countries and net interregional or interstate migration. A plus sign (+) indicates net in-migration; a minus sign (-) indicates net out-migration.<sup>3</sup> Estimated net migration less than 500.

Source: U. S. Bureau of the Census, Release P-25, No. 26.

## 3. Estimated net migration, 1930-48

State	1930 population	Net migration <sup>1</sup>			
		1930-40	1940-48	1930-48	
				Number	As percent of 1930 population
United States.....	122,775,046	-46,518	+1,328,000	+1,281,482	1.0
Northwest.....	7,384,497	-557,701	-534,000	-1,091,701	14.8
North Dakota.....	680,845	-113,589	-132,000	-245,589	36.1
South Dakota.....	692,849	-113,062	-97,000	-210,062	30.3
Nebraska.....	1,377,963	-159,063	-134,000	-293,063	21.3
Kansas.....	1,880,999	-183,986	-48,000	-231,986	12.3
Montana.....	537,606	-12,573	-99,000	-111,573	20.8
Idaho.....	445,032	+34,400	-4,000	+30,400	6.8
Wyoming.....	225,565	+3,290	( <sup>2</sup> )	-	-
Colorado.....	1,035,791	+10,377	-44,000	-33,623	3.2
Utah.....	507,847	-23,495	+24,000	+505	.1

<sup>1</sup> Net migration comprises both net immigration from other countries and net interregional or interstate migration. A plus sign (+) indicates net in-migration; a minus sign (-) indicates net out-migration.<sup>2</sup> Estimated net migration less than 500.

Source: Basic data from U. S. Bureau of the Census. Computations by the Bureau of Labor Statistics. Note that the estimates are only approximate both as to representativeness and as to comparability.



## B. POPULATION—Continued

## 4. Age groups

State	1930				1940				1948			
	All ages	Under 18	18-64	65 and over	All ages	Under 18	18-64	65 and over <sup>2</sup>	All ages	Under 18	18-64	65 and over
	Number (in thousands)											
United States.....	122, 775	43, 016	73, 126	6, 634	131, 669	40, 287	82, 363	9, 019	146, 113	45, 292	89, 881	10, 940
Northwest.....	7, 384	2, 695	4, 264	425	7, 410	2, 385	4, 481	544	7, 622	2, 462	4, 523	637
North Dakota.....	681	280	371	30	642	230	372	39	582	209	328	45
South Dakota.....	693	267	389	37	643	217	381	44	611	205	356	50
Nebraska.....	1, 378	488	804	86	1, 316	407	803	106	1, 283	385	781	117
Kansas.....	1, 881	648	1, 104	129	1, 801	541	1, 103	157	1, 895	555	1, 156	184
Montana.....	538	191	320	27	559	172	351	36	511	173	296	42
Idaho.....	445	173	250	22	525	181	312	32	586	200	344	42
Wyoming.....	226	80	137	9	251	81	158	13	285	91	177	17
Colorado.....	1, 036	356	618	62	1, 123	349	688	86	1, 199	388	710	101
Utah.....	508	213	272	23	550	208	312	30	670	256	375	39
	Percent of total											
United States.....	100.0	35.0	59.6	5.4	100.0	30.6	62.6	6.8	100.0	31.0	61.5	7.5
Northwest.....	100.0	36.5	57.7	5.8	100.0	32.2	60.5	7.3	100.0	32.3	59.3	8.4
North Dakota.....	100.0	41.1	54.5	4.4	100.0	35.9	58.0	6.1	100.0	35.9	56.4	7.7
South Dakota.....	100.0	38.5	56.2	5.3	100.0	33.8	59.3	6.9	100.0	33.6	58.3	8.2
Nebraska.....	100.0	35.4	58.3	6.3	100.0	30.9	61.0	8.0	100.0	30.0	60.9	9.1
Kansas.....	100.0	34.4	58.7	6.9	100.0	30.0	61.2	8.7	100.0	29.3	61.0	9.7
Montana.....	100.0	35.5	59.6	5.0	100.0	30.7	62.8	6.5	100.0	33.9	57.9	8.2
Idaho.....	100.0	38.9	56.1	5.0	100.0	34.5	59.4	6.0	100.0	34.1	58.7	7.2
Wyoming.....	100.0	35.6	60.5	3.9	100.0	32.1	62.9	5.0	100.0	31.9	62.1	6.0
Colorado.....	100.0	34.4	59.6	6.0	100.0	31.1	61.3	7.7	100.0	32.4	59.2	8.4
Utah.....	100.0	41.9	53.6	4.5	100.0	37.8	56.7	5.5	100.0	38.2	56.0	5.8

<sup>1</sup> Figures include a number of persons of unknown age.

<sup>2</sup> 1940 figures for persons aged 65 and over in the United States are believed by Census Bureau to be about 56,000 too high (Census release P-47, No. 3, p. 8).

Note.—Figures cover total population, including armed forces stationed in the States—1930 and 1940 figures as of Apr. 1; 1948, as of July 1.

Source: U. S. Bureau of the Census, 1930 and 1940 data are decennial census figures. Figures for 1948 are estimates based on the 1940 census, brought up to date by use of data on births, deaths, net immigration, and strength and distribution of the armed forces, and by use of estimates of net internal migration, based on school-enrollment data. In the absence of direct information on net interstate migration this factor had to be estimated, and assumptions had to be introduced regarding the migration rate for each age group—assumptions that may apply more exactly to some States than to others. Furthermore, estimates of population become progressively less reliable as the time since the last census increases. These estimates of population should therefore be regarded as only rough approximations.

## B. POPULATION—Continued

## 5. Median age, 1930 and 1940

State	1930	1940	Years' increase
United States.....	26.5	29.0	2.5
Northwest:			
North Dakota.....	22.5	25.7	3.2
South Dakota.....	24.4	27.4	3.0
Nebraska.....	26.3	29.7	3.4
Kansas.....	27.2	30.4	3.2
Montana.....	27.0	28.8	1.8
Idaho.....	24.3	26.4	2.1
Wyoming.....	26.0	27.6	1.6
Colorado.....	27.3	29.2	1.9
Utah.....	22.2	24.3	2.1

Source: 1940 Census of Population, vol. IV.

## 6. Urban, rural, 1900-40

State	Urban			Rural		
	1900	1930	1940	1900	1930	1940
	Number					
United States.....	30,159,921	68,954,823	74,423,702	45,834,654	53,820,223	57,245,573
Northwest.....	1,134,039	2,626,940	2,936,168	3,437,553	4,757,557	4,474,267
North Dakota.....	23,413	113,306	131,923	295,733	567,539	510,012
South Dakota.....	40,936	130,907	158,087	360,634	561,942	484,874
Nebraska.....	252,702	486,107	514,148	813,598	891,856	801,686
Kansas.....	329,696	729,834	753,941	1,140,799	1,151,165	1,047,087
Montana.....	84,554	181,036	211,535	158,775	356,570	347,921
Idaho.....	10,003	129,507	176,708	151,769	315,525	348,165
Wyoming.....	26,657	70,097	93,577	65,874	155,468	157,165
Colorado.....	260,651	519,882	590,756	279,049	515,909	532,540
Utah.....	105,427	266,264	305,493	171,322	241,583	244,817
	Percent of total population					
United States.....	39.7	56.2	56.5	60.3	43.8	43.5
Northwest.....	24.8	35.6	39.6	75.2	64.4	60.4
North Dakota.....	7.3	16.6	20.6	92.7	83.4	79.4
South Dakota.....	10.2	18.9	24.6	89.8	81.1	75.4
Nebraska.....	23.7	35.3	39.1	76.3	64.7	60.9
Kansas.....	22.4	38.8	41.9	77.6	61.2	58.1
Montana.....	34.7	33.7	37.8	65.3	66.3	62.2
Idaho.....	6.2	29.1	33.7	93.8	70.9	66.3
Wyoming.....	28.8	31.1	37.3	71.2	68.9	62.7
Colorado.....	48.3	50.2	52.6	51.7	49.8	47.4
Utah.....	38.1	52.4	55.5	61.9	47.6	44.5

Source: 1940 Census of Population, vol. I.

## C. EMPLOYMENT

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49

## A. BY YEAR

## NORTH DAKOTA

Year	Total	Manu- factur- ing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	68.2	4.3	1.0	1.4	11.2	23.4	2.5	10.9	21.7
1943.....	77.8	5.6	.8			32.6	3.0		25.8
1947.....		6.1	.8			35.4	3.2		27.3
1948.....		6.1	.8			34.2	3.1		27.4
First half, 1948.....		5.9	.7						
First half, 1949.....		5.7	.8			34.9	3.3		27.9
Percent of total									
Average:									
1939.....	100.0	6.3	1.3	1.8	14.4	30.1	3.2	14.0	27.9
1943.....	100.0	7.2							
1947.....									
1948.....									
First half, 1948.....									
First half, 1949.....									

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the bench marks to which the series have been adjusted, the sum of the State series may differ from the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics in cooperation with North Dakota Unemployment Compensation Division and Employment Service.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## A. BY YEAR—Continued

## SOUTH DAKOTA

Year	Total	Manu- factur- ing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	80.4	7.4							
1943.....	93.1	10.3	1.6	2.8	9.3	25.7	3.0	12.0	23.4
1947.....		11.3	2.2		11.0	34.0	3.6	14.2	28.2
1948.....		11.5	2.3		11.5	36.7	3.8	14.2	30.5
First half, 1948.....		11.3	2.2		11.4	35.5	3.8	14.2	30.0
First half, 1949.....		11.0	2.3		11.1	36.2	3.9	13.6	29.6
Percent of total									
Average:									
1939.....	100.0	9.2							
1943.....	100.0	11.1	1.7	3.0	10.0	27.6	3.2	12.9	30.5
1947.....									
1948.....									
First half, 1948.....									
First half, 1949.....									

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the benchmarks to which the series have been adjusted, the sum of the State series may differ from the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with South Dakota Employment Security Department.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## A. BY YEAR—Continued

## NEBRASKA

Year	Total	Manu- factur- ing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	203.0	29.0							
1943.....	282.3	60.8	0.5	14.7	38.5	63.6	11.3	32.6	60.2
1947.....		49.3							
1948.....		49.0							
First half, 1948.....		47.5							
First half, 1949.....		47.5							
Percent of total									
Average:									
1939.....	100.0	14.3							
1943.....	100.0	21.5	.2	5.2	13.6	22.5	4.0	11.5	21.3
1947.....									
1948.....									
First half, 1948.....									
First half, 1949.....									

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the bench marks to which the series have been adjusted, the sum of the State series may differ from the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Division of Employment Security, Nebraska Department of Labor.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## A. BY YEAR—Continued

## KANSAS

Year	Total	Manu- factur- ing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (In thousands)									
Average:									
1939.....	287.0	46.7							
1943.....	463.6	144.2	16.4	34.8	54.2	83.8	10.7	39.1	80.5
1947.....	425.0	81.5	16.4	23.3	61.9	108.5	13.7	46.3	72.8
1948.....	442.3	84.3	16.9	27.5	63.2	114.4	14.5	47.7	73.8
First half, 1948...	431.1	80.8	16.3	25.0	62.5	111.0	14.1	47.8	73.6
First half, 1949...	441.0	86.6	17.5	24.6	60.4	115.0	14.9	46.5	75.6
Percent of total									
Average:									
1939.....	100.0	16.3							
1943.....	100.0	31.1	3.5	7.5	11.7	18.1	2.3	8.4	17.4
1947.....	100.0	19.2	3.9	5.5	14.6	25.5	3.2	10.9	17.1
1948.....	100.0	19.1	3.8	6.2	14.3	25.9	3.3	10.8	16.7
First half, 1948...	100.0	18.8	3.8	5.8	14.6	25.4	3.3	11.1	17.1
First half, 1949...	100.0	19.7	4.0	5.6	13.8	25.7	3.4	10.6	17.2

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the bench marks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Employment Security Division, Kansas State Labor Department.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## A. BY YEAR—Continued

## MONTANA

Year	Total	Manu- facturing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	112.0	12.2							
1943.....	116.8	15.7	14.5	3.3	20.2	24.0	2.6	10.9	25.5
1947.....	136.4	18.4	9.6	7.3	22.2	34.1	3.4	16.8	24.6
1948.....	143.4	18.4	10.2	9.1	22.1	37.0	3.6	17.4	25.7
First half, 1948..	137.2	17.3	10.0	7.4	21.7	35.3	3.6	16.8	25.2
First half, 1949..	142.0	16.6	10.5	8.8	21.5	36.1	3.6	18.1	26.8
Percent of total									
Average:									
1939.....	100.0	10.9							
1943.....	100.0	13.4	12.4	2.8	17.3	20.5	2.2	9.3	21.8
1947.....	100.0	13.5	7.0	5.4	16.3	25.0	2.5	12.3	18.0
1948.....	100.0	12.8	7.1	6.3	15.4	25.8	2.5	12.1	17.9
First half, 1948..	100.0	12.8	8.2	5.5	15.8	24.5	2.5	10.6	20.0
First half, 1949..	100.0	12.5	8.2	6.3	15.4	24.2	2.4	10.7	20.2

NOTE.—Data include all full-time and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the benchmarks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Montana Unemployment Compensation Commission.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## A. BY YEAR—Continued

## IDAHO

Year	Total	Manu- factur- ing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	87.2	13.3							
1943.....	101.1	15.9	6.0	6.0	13.2	24.2	1.9	9.4	24.6
1947.....	121.0	20.5	5.2	7.1	15.6	32.6	2.8	13.4	23.7
1948.....	123.3	21.3	5.6	7.8	15.8	32.8	3.2	13.7	23.1
First half 1948.....	117.6	18.7	5.5	6.8	15.4	31.7	3.1	13.6	22.9
First half 1949.....	117.3	17.3	5.8	7.9	15.4	31.2	3.2	13.2	23.3
Percent of total									
Average:									
1939.....	100.0	15.3							
1943.....	100.0	15.7	5.9	5.9	13.1	23.9	1.9	9.3	24.3
1947.....	100.0	16.9	4.3	5.9	12.9	26.9	2.3	11.1	19.6
1948.....	100.0	17.3	4.5	6.3	12.8	26.6	2.6	11.1	18.7
First half 1948.....	100.0	15.9	4.7	5.8	13.1	27.0	2.6	11.6	19.5
First half 1949.....	100.0	14.7	4.9	6.7	13.1	26.6	2.7	11.3	19.9

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the benchmarks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Employment Security Agency, Idaho Industrial Accident Board.



## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## A. BY YEAR—Continued

## WYOMING

Year	Total	Manu- factur- ing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	53.5	4.3	.....	.....	.....	.....	.....	.....	.....
1943.....	64.3	5.1	7.9	3.9	16.6	10.8	1.0	5.1	13.9
1947.....	72.7	6.3	8.8	5.7	14.7	15.5	1.4	8.0	12.4
1948.....	79.5	6.4	10.2	7.6	14.1	16.3	1.5	9.3	13.9
First half 1948...	73.9	5.8	9.7	6.1	13.0	15.6	1.4	8.6	13.7
First half 1949...	75.8	5.8	9.5	6.9	12.4	16.1	1.6	9.3	14.2
Percent of total									
Average:									
1939.....	100.0	8.0	.....	.....	.....	.....	.....	.....	.....
1943.....	100.0	7.9	12.3	6.1	25.8	16.8	1.6	7.9	21.6
1947.....	100.0	8.7	12.1	7.8	20.2	21.3	1.9	11.0	17.1
1948.....	100.0	8.1	12.8	9.6	17.7	20.5	1.9	11.7	17.5
First half 1948...	100.0	7.8	13.1	8.3	17.6	21.1	1.9	11.6	18.5
First half 1949...	100.0	7.7	12.5	9.1	16.4	21.2	2.1	12.3	18.7

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for the State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the benchmarks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Wyoming Employment Security Commission.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## A. BY YEAR—Continued

## COLORADO

Year	Total	Manu- factur- ing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	228.0	33.6							
1943.....	298.9	67.5	14.8	10.8	39.9	64.2	9.5	36.0	56.3
1947.....		57.1							
1948.....		56.1							
First half 1948.....		54.6							
First half 1949.....		51.5							
Percent of total									
Average:									
1939.....	100.0	14.7							
1943.....	100.0	22.6	5.0	3.6	13.3	21.5	3.2	12.0	18.8
1947.....									
1948.....									
First half 1948.....									
First half 1949.....									

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for the State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the benchmarks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Colorado Department of Employment Security.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## A. BY YEAR—Continued

## UTAH

Year	Total	Manu- factur- ing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	112.0	17.4							
1943.....	186.9	33.5	13.0	22.2	22.3	32.2	4.0	13.0	46.7
1947.....	178.0	26.5	13.2	9.1	22.2	42.3	5.2	18.9	41.1
1948.....	183.0	27.5	12.6	11.2	21.5	42.8	5.5	18.6	43.0
First half 1948.....	176.0	24.8	12.5	9.8	21.0	42.0	5.4	18.4	42.3
First half 1949.....	178.7	26.5	12.8	9.3	21.0	41.7	5.7	17.7	44.0
Percent of total									
Average:									
1939.....	100.0	15.5							
1943.....	100.0	17.9	7.0	11.9	11.9	17.2	2.1	7.0	25.0
1947.....	100.0	14.9	7.4	5.1	12.5	23.8	2.9	10.6	23.1
1948.....	100.0	15.0	6.9	6.1	11.7	23.4	3.0	10.2	23.5
First half 1948.....	100.0	14.1	7.1	5.6	11.9	23.9	3.1	10.5	24.0
First half 1949.....	100.0	14.8	7.2	5.2	11.8	23.3	3.2	9.9	24.6

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for the State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the bench marks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Department of Employment Security, Utah Industrial Commission.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## B. BY MONTH

[In thousands]

## NORTH DAKOTA

Month	Total	Manu- factur- ing	Mining	Con- struc- tion	Trans- porta- tion and public utilities	Trade	Fin- ance, insur- ance, and real estate	Service	Gov- ern- ment
1948									
January		5.8	0.8			33.6	3.1		27.2
February		5.6	.7			33.8	3.0		27.2
March		5.6	.7			34.0	3.1		27.6
April		5.8	.7			34.0	3.1		27.9
May		6.1	.7			34.5	3.1		27.7
June		6.4	.8			35.8	3.3		28.9
July		6.4	.8			35.8	3.2		28.1
August		6.4	.8			35.7	3.2		28.2
September		6.5	.8			35.0	3.2		27.1
October		6.3	.8			36.8	3.2		27.3
November		6.4	.8			37.4	3.2		27.3
December		6.1	.8			37.6	3.2		28.5
1949									
January		5.7	.8			34.5	3.3		27.9
February		5.4	.8			33.5	3.2		27.7
March		5.6	.8			33.9	3.2		27.9
April		5.7	.7			35.7	3.3		27.9
May		5.7	.7			35.6	3.3		28.1
June		6.0	.8			36.4	3.4		28.0
July		6.0	.8			36.0	3.4		27.6
August		6.0	.8			35.7	3.4		27.9
September		5.9	.8			36.2	3.4		28.7
October		6.1	.8			36.6	3.4		28.7
November		6.0	.8			36.9	3.4		28.4
December		5.8	.8			37.3	3.4		29.4

SOUTH DAKOTA<sup>1</sup>

1948									
January	106.3	11.2	2.2		11.2	34.9	3.7	14.0	29.1
February	105.9	10.9	2.2		11.3	34.6	3.7	13.9	29.3
March	106.8	11.0	2.2		11.2	35.0	3.7	13.9	29.8
April	108.8	11.3	2.3		11.2	35.6	3.8	14.3	30.3
May	110.3	11.4	2.3		11.5	36.1	3.8	14.4	30.8
June	111.9	11.9	2.3		11.7	36.9	3.9	14.4	30.8
July	111.8	11.9	2.3		11.8	36.9	3.9	14.3	30.7
August	111.1	11.7	2.3		11.9	36.9	3.9	14.5	30.1
September	111.4	11.5	2.3		11.7	37.5	3.8	14.2	30.1
October	110.8	11.6	2.2		11.6	38.0	3.7	14.2	29.5
November	110.7	11.6	2.2		11.7	38.2	3.7	13.9	29.4
December	112.8	11.6	2.3		11.4	39.2	3.8	14.0	30.5
1949									
January	106.9	11.2	2.2		11.0	35.5	3.8	13.6	29.6
February	105.8	10.9	2.2		11.1	34.9	3.8	13.5	29.4
March	106.9	10.9	2.3		11.1	35.7	3.8	13.5	29.6
April	107.8	10.7	2.2		11.1	36.8	3.9	13.5	29.6
May	109.0	10.9	2.3		11.2	37.1	3.9	13.8	29.8
June	110.0	11.3	2.4		11.3	37.5	4.0	13.8	29.7
July	110.4	11.5	2.5		11.5	37.5	4.1	13.9	29.4
August	110.6	11.4	2.6		11.6	37.6	4.0	13.9	29.5
September	111.5	11.4	2.5		11.1	38.3	4.0	13.8	30.4
October	111.5	11.5	2.5		11.0	38.4	3.9	13.9	30.3
November	110.7	11.4	2.6		10.8	38.0	4.0	13.9	30.1
December	112.0	11.1	2.6		10.8	38.5	4.0	14.0	31.2

<sup>1</sup> Total excludes construction.

For note and source see table C 1A.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## B. BY MONTH—Continued

[In thousands]

## NEBRASKA

Month	Total	Manu- factur- ing	Mining	Con- struc- tion	Trans- porta- tion and public utili- ties	Trade	Fi- nance, insur- ance, and real estate	Service	Gov- ernment
1948									
January.....		50.2							
February.....		49.4							
March.....		47.5							
April.....		42.3							
May.....		44.6							
June.....		51.0							
July.....		51.5							
August.....		51.2							
September.....		50.4							
October.....		50.7							
November.....		50.6							
December.....		49.2							
1949									
January.....		49.0							
February.....		48.0							
March.....		47.4							
April.....		46.0							
May.....		46.9							
June.....		47.5							
July.....		47.1							
August.....		47.4							
September.....		49.1							
October.....		49.7							
November.....		49.4							
December.....		49.1							

## KANSAS

1948									
January.....	424.9	81.6	16.0	22.2	62.6	108.6	13.7	47.4	72.8
February.....	418.1	79.8	15.6	19.8	61.4	107.6	13.6	47.4	72.9
March.....	422.3	79.8	15.5	21.3	61.8	108.7	13.8	47.4	74.0
April.....	430.4	75.4	16.6	27.0	62.2	112.3	14.4	47.9	74.6
May.....	441.2	80.7	17.0	28.8	62.7	114.5	14.5	48.6	74.4
June.....	450.0	87.6	16.9	30.9	64.4	114.5	14.8	48.0	72.9
July.....	447.6	87.6	16.9	29.1	64.8	115.2	15.0	47.6	71.4
August.....	451.4	87.6	17.2	31.5	64.8	115.7	15.1	48.0	71.5
September.....	454.5	87.5	17.6	31.7	63.7	117.1	14.7	48.5	73.7
October.....	452.5	88.3	17.6	30.3	63.2	116.8	14.8	47.4	74.1
November.....	454.1	87.8	17.8	30.0	63.4	118.8	14.7	47.3	74.3
December.....	459.9	87.8	17.9	28.1	63.2	122.6	14.7	47.1	78.5
1949									
January.....	436.6	86.6	17.6	20.5	60.5	114.7	14.5	46.5	75.7
February.....	431.2	86.0	17.5	19.6	59.4	113.0	14.4	45.9	75.4
March.....	435.4	86.0	17.5	22.9	59.1	113.5	14.7	46.0	75.7
April.....	442.9	86.3	17.6	26.5	59.9	115.2	15.1	46.7	75.6
May.....	448.1	86.7	17.1	28.2	61.0	116.7	15.2	47.2	76.0
June.....	452.0	88.0	17.4	29.6	62.7	116.8	15.5	46.9	75.1
July.....	453.4	89.2	16.8	30.8	62.9	117.3	15.9	46.5	74.0
August.....	455.4	88.8	17.2	33.1	61.9	117.3	15.9	46.4	74.8
September.....	451.1	87.5	17.5	30.7	57.4	118.6	15.7	46.9	76.8
October.....	451.7	87.7	17.1	31.1	57.6	119.4	15.4	46.7	76.7
November.....	453.8	87.0	17.3	29.3	60.2	121.9	15.3	46.7	76.1
December.....	454.3	86.4	17.0	24.7	59.7	124.3	15.2	46.7	79.3

For note and source see table C 1A.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## B. BY MONTH—Continued

[In thousands]

## MONTANA

Month	Total	Manu- factur- ing	Mining	Con- struc- tion	Trans- porta- tion and public utili- ties	Trade	Fi- nan- ce, insur- ance, and real estate	Service	Gov- ern- ment
1948									
January.....	134.4	17.5	10.1	6.0	21.4	34.9	3.5	16.2	24.8
February.....	132.0	16.8	9.9	5.5	21.2	34.1	3.5	16.2	24.8
March.....	133.2	16.7	10.0	5.8	21.3	34.5	3.5	16.3	25.1
April.....	137.1	16.6	10.0	7.9	21.7	35.3	3.5	16.8	25.3
May.....	140.6	17.5	10.0	8.9	21.8	36.1	3.6	17.1	25.6
June.....	145.8	18.7	10.2	10.3	22.6	36.9	3.7	17.9	25.5
July.....	148.9	19.4	10.2	11.2	23.0	37.9	3.6	18.2	25.4
August.....	150.3	19.5	10.1	11.9	23.1	38.3	3.6	18.3	25.5
September.....	151.4	19.6	10.1	11.6	22.9	38.8	3.6	18.5	26.3
October.....	149.6	20.1	10.2	10.7	22.6	38.3	3.6	17.8	26.3
November.....	149.4	19.7	10.4	10.3	22.3	39.0	3.6	17.7	26.4
December.....	147.7	18.3	10.6	8.9	21.6	39.6	3.6	17.7	27.4
1949									
January.....	137.1	16.0	10.6	6.0	21.1	35.5	3.6	17.5	26.8
February.....	135.5	15.9	10.5	5.9	21.1	34.5	3.6	17.3	26.7
March.....	137.7	15.9	10.7	7.0	20.8	35.3	3.6	17.6	26.8
April.....	143.8	16.3	10.8	10.0	21.5	36.6	3.7	18.1	26.8
May.....	147.2	17.2	10.5	11.6	21.8	36.9	3.7	18.6	26.9
June.....	150.9	18.4	10.0	12.2	22.4	37.9	3.7	19.6	26.7
July.....	151.1	18.9	9.1	12.3	22.9	38.2	3.7	19.7	26.3
August.....	151.5	19.1	9.1	11.7	23.0	38.3	3.7	20.0	26.6
September.....	152.9	20.1	9.4	11.2	22.5	38.5	3.7	20.1	27.4
October.....	150.4	19.8	9.5	10.9	21.9	38.0	3.7	19.3	27.3
November.....	148.9	19.1	9.5	10.4	21.7	38.2	3.7	19.3	27.0
December.....	147.2	17.6	9.5	8.8	21.3	39.2	3.7	19.2	27.9

## IDAHO

1948									
January.....	116.3	18.2	5.5	5.8	15.7	32.5	3.0	13.1	22.4
February.....	113.5	17.6	5.4	5.4	15.4	31.1	3.0	13.0	22.5
March.....	114.1	16.9	5.6	5.9	15.1	31.4	3.0	13.3	22.9
April.....	116.2	17.7	5.5	6.7	15.2	31.2	3.1	13.6	23.2
May.....	120.2	19.5	5.5	7.9	15.3	31.7	3.1	14.0	23.3
June.....	125.4	22.4	5.5	8.9	15.8	32.1	3.1	14.3	23.2
July.....	128.3	24.7	5.6	9.1	15.8	32.6	3.2	14.2	23.0
August.....	129.7	25.3	5.6	9.4	16.2	32.9	3.3	14.2	22.9
September.....	134.3	26.7	5.7	9.5	16.6	34.7	3.3	14.3	23.5
October.....	129.8	24.3	5.5	8.9	16.5	34.2	3.3	13.9	23.4
November.....	128.4	22.6	5.7	9.0	16.2	34.5	3.3	13.7	23.3
December.....	126.1	20.0	5.8	7.7	16.1	35.5	3.3	13.6	24.1
1949									
January.....	114.2	16.1	5.8	5.7	15.5	31.4	3.2	12.9	23.5
February.....	111.0	15.1	5.7	5.5	15.2	30.4	3.2	12.7	23.3
March.....	115.5	16.0	5.8	7.3	15.2	31.6	3.2	13.0	23.4
April.....	118.5	17.5	5.9	8.3	15.1	31.8	3.2	13.3	23.4
May.....	120.4	18.4	5.7	9.7	15.6	30.8	3.3	13.4	23.4
June.....	124.3	20.5	5.7	10.8	16.2	31.1	3.3	13.5	23.1
July.....	124.1	20.9	5.5	10.6	16.4	30.7	3.4	13.7	22.9
August.....	126.4	21.7	5.4	10.5	16.9	30.9	3.4	13.6	24.1
September.....	125.8	21.7	3.7	10.2	16.4	32.5	3.4	13.5	24.4
October.....	127.0	22.4	3.5	10.4	16.1	33.9	3.5	13.5	23.7
November.....	126.3	21.6	4.2	9.3	16.2	34.5	3.5	13.5	23.5
December.....	126.5	19.4	5.4	9.0	16.3	35.4	3.5	13.5	24.0

For note and source see table C 1A.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## B. BY MONTH—Continued

[In thousands]

## WYOMING

Month	Total	Manu- facturing	Mining	Con- struction	Trans- porta- tion and public utili- ties	Trade	Fi- nance, insur- ance, and real estate	Service	Gov- ern- ment
1948									
January	70.6	5.7	9.6	4.6	13.0	15.0	1.4	7.8	13.6
February	69.7	5.9	9.6	4.3	13.0	14.8	1.4	7.7	13.6
March	70.6	5.5	9.8	4.8	12.3	15.1	1.4	7.9	13.7
April	73.2	5.7	9.5	6.7	12.3	15.5	1.5	8.2	13.7
May	76.1	5.9	9.7	7.7	12.7	16.0	1.5	8.9	13.8
June	83.4	6.6	10.1	8.6	14.7	17.2	1.6	10.9	13.7
July	86.5	6.9	10.4	9.0	15.2	17.7	1.5	12.0	13.7
August	88.7	7.0	10.7	9.6	16.1	17.8	1.5	12.1	13.8
September	88.8	6.8	11.0	9.7	16.5	17.7	1.6	11.3	14.2
October	85.2	7.2	10.8	9.8	15.4	16.9	1.5	9.1	14.2
November	82.0	6.9	10.9	8.8	14.0	16.8	1.5	9.0	14.0
December	79.0	6.0	10.7	7.4	13.1	17.0	1.5	8.9	14.4
1949									
January	72.8	5.6	10.1	5.4	12.4	15.2	1.6	8.5	14.1
February	72.7	5.5	9.6	5.6	12.6	15.2	1.6	8.3	14.3
March	73.1	5.5	9.5	6.2	11.8	15.7	1.6	8.5	14.3
April	75.3	5.6	9.4	7.6	12.1	16.1	1.6	8.7	14.2
May	78.7	5.8	9.3	8.4	12.3	16.6	1.6	10.4	14.3
June	82.2	6.5	9.3	8.3	13.4	17.6	1.6	11.4	14.0
July	82.6	6.6	9.7	7.9	13.5	17.9	1.7	11.5	13.8
August	84.4	6.6	9.2	7.8	14.5	18.6	1.7	11.4	13.9
September	85.0	6.6	9.9	8.0	14.1	19.1	1.5	11.3	14.5
October	83.0	7.7	9.8	7.6	14.4	18.0	1.5	9.6	14.4
November	82.4	7.3	10.3	6.5	14.3	18.9	1.5	9.4	14.2
December	80.7	6.7	10.3	5.0	13.8	19.6	1.5	9.1	14.7

## COLORADO

1948									
January		56.7							
February		54.4							
March		54.7							
April		52.9							
May		52.4							
June		56.4							
July		56.7							
August		56.9							
September		58.9							
October		60.2							
November		58.5							
December		54.8							
1949									
January		52.6							
February		51.7							
March		51.6							
April		51.0							
May		51.2							
June		51.0							
July		52.3							
August		53.0							
September		54.8							
October		50.4							
November		55.0							
December		54.5							

For note and source see table C 1A.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## B. BY MONTH—Continued

[In thousands]

## UTAH

Month	Total	Manu- facturing	Mining	Con- struc- tion	Trans- porta- tion and public utili- ties	Trade	Fi- nance, insur- ance, and real estate	Service	Gov- ern- ment
1948									
January.....	173.0	25.1	13.2	7.8	20.9	41.5	5.3	17.9	41.4
February.....	171.2	24.1	13.1	7.7	20.8	40.8	5.3	17.8	41.6
March.....	173.6	24.4	13.0	8.0	20.9	41.2	5.3	17.9	42.2
April.....	171.2	23.3	8.9	10.4	20.9	42.2	5.4	18.3	42.6
May.....	180.6	25.2	13.4	11.5	21.0	42.8	5.5	18.9	43.1
June.....	186.2	26.9	13.7	12.5	21.2	43.3	5.6	19.7	43.1
July.....	189.7	29.5	13.5	13.1	22.3	43.3	5.7	20.1	43.0
August.....	189.2	29.1	13.8	13.8	22.5	43.1	5.7	19.6	42.9
September.....	193.7	32.8	14.0	13.5	20.4	43.9	5.6	19.2	43.7
October.....	190.2	31.6	13.8	12.4	21.3	43.1	5.5	18.6	43.5
November.....	186.1	30.9	10.3	11.5	22.3	43.5	5.4	17.9	43.7
December.....	183.0	27.7	10.4	10.0	21.2	45.3	5.5	17.5	45.0
1949									
January.....	171.0	26.0	10.0	7.0	21.0	41.0	5.0	17.0	44.0
February.....	173.0	26.0	13.0	7.0	21.0	40.0	5.0	17.0	44.0
March.....	178.0	26.0	14.0	9.0	21.0	41.0	6.0	17.0	44.0
April.....	181.0	26.0	14.0	10.0	21.0	42.0	6.0	18.0	44.0
May.....	183.0	27.0	13.0	11.0	21.0	43.0	6.0	18.0	44.0
June.....	186.0	28.0	13.0	12.0	21.0	43.0	6.0	19.0	44.0
July.....	188.0	31.0	12.0	13.0	22.0	42.0	6.0	19.0	43.0
August.....	187.0	29.0	12.0	13.0	22.0	42.0	6.0	19.0	44.0
September.....	193.0	33.0	12.0	13.0	22.0	43.0	6.0	19.0	45.0
October.....	182.0	28.0	11.0	12.0	20.0	43.0	6.0	18.0	44.0
November.....	181.0	27.5	12.6	10.7	20.1	43.7	5.7	17.9	43.0
December.....	183.0	28.2	12.7	9.8	19.9	45.9	5.7	17.6	43.5

For note and source see table C 1A.



## C. EMPLOYMENT—Continued

## 2. Employees in manufacturing establishments, in selected months, 1947-49

## REGIONAL TOTALS

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing <sup>1</sup> .....	261.1	263.3	264.9	279.4	288.1	277.2	288.9	300.9	290.7	284.7	282.1	284.7
	Percent change											
	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49		
All manufacturing.....	0.8	0.6	3.1	-3.8	4.2	-3.4	-0.9	0.9				

<sup>1</sup> No break-down of manufacturing is available.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with State agencies.

NORTH DAKOTA

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing <sup>1</sup> .....	5.9	5.6	5.6	6.3	6.4	6.0	6.3	6.5	5.9	6.2	6.1	5.8
	Percent change											
	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49		
All manufacturing.....	-0.5	0	1.6	-6.2	3.2	-9.2	-1.6	-4.9				

<sup>1</sup> Detailed industry data in process of preparation: consult the sources cited.  
Series based on the 1945 Standard Industrial Classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with North Dakota Unemployment Compensation Division and Employment Service.

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NORTHWEST

## C. EMPLOYMENT—Continued

## 2. Employees in manufacturing establishments, in selected months, 1947-49—Continued

## SOUTH DAKOTA

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing <sup>1</sup> .....	11.2	11.0	10.9	11.3	11.9	11.3	11.3	11.5	11.4	11.5	11.6	11.1
	Percent change											
	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49		
All manufacturing.....	-1.8	-0.9	5.3	-5.0	-1.8	-0.9	0.9	-4.3				

<sup>1</sup> Detailed industry data in process of preparation: consult the sources cited.  
Series based on the 1945 Standard Industrial Classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with South Dakota Employment Security Department.

NEBRASKA

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing <sup>1</sup> .....	47.4	47.5	47.4	49.4	51.0	47.5	49.8	50.4	49.7	51.6	49.2	49.1
	Percent change											
	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49		
All manufacturing.....	0.2	-0.2	3.2	-6.9	1.2	-1.4	-4.7	-0.2				

<sup>1</sup> Detailed industry data in process of preparation; consult the sources cited.  
Series based on the 1945 Standard Industrial Classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics.

## C. EMPLOYMENT—Continued

## 2. Employees in manufacturing establishments, in selected months, 1947-49—Continued

KANSAS  
[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
	All manufacturing.....	79.3	79.8	86.0	83.8	87.6	88.0	81.8	87.5	87.5	83.1	87.8
Durable goods.....	28.9	29.2	36.3	29.4	33.5	36.1	28.6	34.9	-----	29.5	35.1	-----
Nondurable goods.....	50.4	50.6	49.7	54.4	54.1	51.9	53.2	52.6	-----	53.6	52.7	-----
Stone, clay, and glass products.....	3.8	4.0	4.2	3.6	4.3	4.2	3.8	4.5	-----	4.2	4.4	-----
Primary metal industries.....	2.4	2.6	2.4	2.5	2.5	2.1	2.4	2.5	-----	2.5	2.6	-----
Fabricated metal products.....	4.1	4.9	4.8	4.2	5.1	4.2	4.4	5.3	-----	5.0	5.0	-----
Machinery.....	6.1	6.5	5.3	6.9	6.6	5.2	6.2	6.0	-----	6.1	5.8	-----
Transportation equipment.....	10.4	8.9	17.5	10.0	12.7	18.5	9.5	14.1	-----	9.3	14.9	-----
Other durable goods <sup>1</sup> .....	2.1	2.3	2.1	2.2	2.3	1.9	2.3	2.5	-----	2.4	2.4	-----
Food and kindred products.....	28.5	28.4	27.8	31.6	31.6	30.0	30.9	29.6	-----	30.6	30.0	-----
Apparel and other finished textile products.....	2.3	2.3	2.5	2.6	2.5	2.7	2.4	2.7	-----	2.5	2.3	-----
Printing, publishing, and allied industries.....	6.4	6.7	7.1	6.4	6.7	7.1	6.6	6.9	-----	7.0	7.2	-----
Chemicals and allied products.....	4.8	4.8	4.5	5.0	4.6	4.4	4.9	4.8	-----	5.0	4.8	-----
Products of petroleum and coal.....	5.1	5.3	4.5	5.4	5.6	4.6	5.2	5.4	-----	5.3	5.1	-----
Other nondurable goods <sup>2</sup> .....	3.3	3.1	3.3	3.4	3.1	3.1	3.2	3.2	-----	3.2	3.3	-----
Percent change												
Industry	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49		
	All manufacturing.....	0.6	7.8	4.5	+0.5	7.0	0	5.7	-1.6			
Durable goods.....	1.0	24.3	13.9	7.8	22.0	-----	19.0	-----				
Nondurable goods.....	.4	-1.8	-6	-4.1	1.1	-----	-1.7	-----				

<sup>1</sup> Includes ordnance and accessories; lumber and wood products; furniture and fixtures; and professional and scientific instruments, etc.

<sup>2</sup> Includes tobacco manufactures; textile-mill products; paper and allied products; rubber products; leather and leather products; and miscellaneous manufacturing industries.

Series based on the 1945 Standard Industrial Classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Employment Security Division, Kansas State Labor Department.

MONTANA

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing.....	16.7	16.7	15.9	18.8	18.7	18.4	19.2	19.6	20.1	19.1	18.3	19.1
Durable goods.....	10.1	10.3	9.5	11.5	11.6	11.3	11.6	12.1	-----	11.1	11.0	-----
Nondurable goods.....	6.6	6.4	6.4	7.3	7.1	7.1	7.6	7.5	-----	8.0	7.3	-----
Primary metals and their products.....	4.2	4.3	4.6	4.4	4.5	4.3	4.1	4.1	-----	4.2	4.4	-----
Lumber and timber basic products.....	4.7	4.9	3.8	5.8	5.9	5.7	6.4	6.8	-----	5.8	5.5	-----
Other durable goods <sup>1</sup> .....	1.2	1.1	1.1	1.3	1.2	1.3	1.1	1.2	-----	1.1	1.1	-----
Food and kindred products.....	3.9	3.7	3.5	4.6	4.2	4.1	4.8	4.7	-----	5.3	4.4	-----
Printing, publishing, and allied industries.....	1.3	1.3	1.4	1.3	1.4	1.4	1.3	1.4	-----	1.4	1.4	-----
Other nondurable goods <sup>2</sup> .....	1.4	1.4	1.5	1.4	1.5	1.6	1.5	1.4	-----	1.3	1.5	-----
Percent change												
Industry	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49				
All manufacturing.....	0	-4.8	-0.5	-1.6	2.1	2.6	-4.2	4.4				
Durable goods.....	2.0	-7.8	.9	-2.6	4.3	-----	-.9	-----				
Nondurable goods.....	3.0	0	-2.7	0	-1.3	-----	-8.8	-----				

<sup>1</sup> Includes iron and steel and their products; machinery; transportation equipment; furniture and finished lumber products; and stone, clay, and glass products.

<sup>2</sup> Includes textile-mill products; apparel and other finished textile products; leather and leather products; chemicals and allied products; products of petroleum and coal; and miscellaneous manufacturing industries.

Series based on the 1942 Social Security Board classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Montana Unemployment Compensation Commission.

## C. EMPLOYMENT—Continued

## 2. Employees in manufacturing establishments, in selected months, 1947-49—Continued

## IDAHO

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing .....	17.3	16.9	16.0	22.3	22.4	20.5	22.6	26.7	21.7	19.5	20.0	19.4
Lumber and wood products.....	7.9	8.2	7.2	12.3	12.4	11.2	10.8	14.6	-----	9.2	9.8	-----
Food and kindred products.....	5.8	4.9	5.1	6.3	6.0	5.5	8.2	8.1	-----	6.6	6.2	-----
Other manufacturing <sup>1</sup> .....	3.7	3.8	3.7	3.8	4.0	3.8	3.6	3.9	-----	3.6	4.0	-----
Percent change												
	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49		
All manufacturing .....	-2.3	-5.3	0.4	-8.5	18.1	-18.7	1.5	-2.6				

<sup>1</sup> Includes ordnance and accessories; furniture and fixtures; stone, clay, and glass products; primary metal industries; fabricated metal products; machinery; professional and scientific instruments, etc.; tobacco manufactures; textile-mill products; apparel and other finished textile products; paper and allied products; printing, publishing, and allied industries; chemicals and allied products; products of petroleum and coal; rubber products, leather and leather products; transportation equipment; and miscellaneous manufacturing industries.

Series based on the 1945 Standard Industrial Classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Employment Security Agency, Idaho Industrial Accident Board.

WYOMING

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
	All manufacturing .....	5.5	5.6	5.5	6.3	6.8	6.5	6.8	6.8	6.6	6.7	6.4
Food and kindred products .....	1.1	1.2	1.1	1.2	1.5	1.3	1.5	1.3	1.4	2.0	1.1	1.7
Products of petroleum and coal .....	2.2	2.4	2.9	2.5	2.8	3.0	2.5	2.7	3.1	2.5	2.7	3.0
Other manufacturing <sup>1</sup> .....	2.2	2.0	1.5	2.6	2.5	2.2	2.8	2.7	2.1	2.2	2.6	2.0
Percent change												
Industry	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49				
	All manufacturing .....	1.8	-1.8	7.9	-4.4	0	-2.9	-4.5	4.7			

<sup>1</sup> Includes apparel and other finished textile products; lumber and wood products; furniture and fixtures; printing, publishing, and allied industries; chemicals and allied products; leather and leather products; stone, clay, and glass products; primary metal industries; fabricated metal products; machinery; professional and scientific instruments, etc.; and miscellaneous manufacturing industries.

Series based on the 1945 Standard Industrial Classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Wyoming Employment Security Commission.



## C. EMPLOYMENT—Continued

## 2. Employees in manufacturing establishments, in selected months, 1947-49—Continued

## COLORADO

[In thousands]

	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing <sup>1</sup> .....	54.4	54.7	51.6	55.2	56.4	51.0	58.5	58.9	54.8	60.1	54.8	54.5
	Percent change											
	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49		
All manufacturing.....	0.6	-5.7	2.2	-9.6	0.7	-7.0	-8.8	-0.5				

<sup>1</sup> Detailed industry data in process of preparation; consult the sources cited.  
Series based on the 1945 Standard Industrial Classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics.

UTAH  
[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing.....	23.4	24.5	26.0	26.0	26.9	28.0	32.6	33.0	33.0	26.9	27.7	28.2
Stone, clay, and glass products.....	1.2	1.2	1.6	1.3	1.4	1.9	1.1	1.7	-----	1.2	1.8	-----
Primary metal industries.....	7.6	8.3	9.0	8.3	8.7	8.9	8.3	8.9	-----	8.3	8.5	-----
Fabricated metal products.....	.9	.9	.9	1.0	1.0	1.1	1.1	1.1	-----	.9	.8	-----
Machinery (except electrical).....	.5	.6	.6	.6	.7	.6	.7	.7	-----	.7	.7	-----
Food and kindred products.....	6.3	6.1	6.1	7.4	7.4	7.2	13.9	12.1	-----	8.4	8.3	-----
Textile-mill products.....	.7	.7	.6	.7	.6	.4	.7	.7	-----	.7	.6	-----
Apparel and other finished textile products.....	1.2	1.2	1.1	1.3	1.1	1.3	1.1	1.1	-----	1.2	1.0	-----
Printing, publishing, and allied industries.....	1.7	2.0	2.1	1.8	2.1	2.2	1.8	2.1	-----	1.9	2.4	-----
Chemicals and allied products.....	.7	.8	.8	.7	.8	.8	.8	.8	-----	.7	.8	-----
Products of petroleum and coal.....	.9	1.1	1.3	1.0	1.1	1.2	1.0	1.3	-----	1.0	1.3	-----
Other manufacturing !.....	1.7	1.6	1.8	2.0	2.1	1.6	2.0	2.2	-----	1.8	2.1	-----
Percent change												
	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49		
All manufacturing.....	4.7	6.1	3.5	4.1	1.2	0	3.0	1.8				

<sup>1</sup> Includes lumber and wood products; furniture and fixtures; electrical machinery; transportation equipment; professional and scientific instruments, etc.; tobacco manufactures; paper and allied products; rubber products; leather and leather products; and miscellaneous manufacturing industries.

Series based on the 1945 Standard Industrial Classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Department of Employment Security, Utah Industrial Commission.

## C. EMPLOYMENT—Continued

## 3. Hours and earnings of production workers in manufacturing

State	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949 <sup>1</sup>	1947	1948	1949 <sup>1</sup>
Average weekly earnings												
United States.....	\$48.28	\$52.92	\$54.74	\$50.13	\$53.87	\$54.51	\$51.31	\$55.16	\$55.72	\$53.48	\$56.14	\$56.20
Utah.....	46.86	52.50	57.25	47.84	53.99	56.66	47.76	53.45	-----	53.69	56.56	-----
Average weekly hours												
United States.....	40.4	40.4	39.1	40.3	40.2	38.8	40.5	39.8	39.6	41.3	40.1	39.8
Utah.....	40.4	40.7	40.6	40.2	40.9	39.9	39.8	40.8	-----	43.3	40.4	-----
Average hourly earnings												
United States.....	\$1.20	\$1.31	\$1.40	\$1.24	\$1.34	\$1.41	\$1.27	\$1.39	\$1.41	\$1.30	\$1.40	\$1.41
Utah.....	1.16	1.29	1.41	1.19	1.32	1.42	1.20	1.31	-----	1.24	1.40	-----

<sup>1</sup> Preliminary.

NOTE.—Figures are not available for other Northwest States.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with State agency.

## D. UNEMPLOYMENT

## 1. Workers covered by State unemployment compensation laws and number of first payments issued, 1940 and 1948

State	Average monthly covered employment					Number of first payments issued (in thousands)	
	Number (in thousands)		Percent of total		Per- cent in- crease, 1940-48	1940	1948
	1940	1948	1940	1948			
United States.....	23,007.5	32,856.9	100.0	100.0	42.8	5,211.7	3,993.7
Northwest.....	701.1	1,055.5	3.0	3.2	50.5	156.0	71.2
North Dakota.....	27.4	42.6	.1	.1	55.5	5.7	1.8
South Dakota.....	34.6	51.2	.2	.2	48.0	5.9	2.2
Nebraska.....	104.1	160.7	.5	.5	54.4	17.2	7.0
Kansas.....	149.0	237.0	.6	.7	59.1	29.6	18.8
Montana.....	73.8	99.1	.3	.3	34.3	22.5	7.6
Idaho.....	63.4	89.6	.3	.3	41.3	15.2	8.4
Wyoming.....	35.0	55.4	.2	.2	58.3	10.1	2.4
Colorado.....	133.5	195.8	.6	.6	46.7	33.4	8.9
Utah.....	80.3	124.1	.3	.4	54.5	16.4	13.9

Source: U. S. Department of Labor, Bureau of Employment Security.

## D. UNEMPLOYMENT—Continued

## 2. Continued claims for unemployment benefits

State	Mid-March <sup>1</sup>							
	Number of continued claims			Percent change <sup>2</sup>		Ratio of claimants to covered workers <sup>3</sup>		
	Mar. 22, 1947	Mar. 20, 1948	Mar. 19, 1949	1947-48	1948-49	Mar. 22, 1947	Mar. 20, 1948	Mar. 19, 1949
United States.....	1,120,196	1,671,721	1,949,746	-4.3	81.9	3.7	3.3	5.9
Northwest.....	28,170	29,826	44,736	5.9	50.0	3.1	2.9	4.2
North Dakota.....	1,255	1,248	2,213	-.6	77.3	3.6	3.2	5.2
South Dakota.....	879	1,048	1,791	19.2	70.9	2.0	2.2	3.5
Nebraska.....	3,771	3,223	4,201	-14.5	30.3	2.6	2.1	2.6
Kansas.....	8,500	8,403	9,693	-1.1	15.4	4.1	3.7	4.1
Montana.....	3,614	4,146	6,325	14.7	52.6	4.3	4.5	6.4
Idaho.....	2,989	3,703	6,810	23.9	83.9	3.9	4.2	7.6
Wyoming.....	903	885	1,699	-2.0	92.0	2.0	1.7	3.1
Colorado.....	2,764	3,356	5,692	21.4	69.6	1.6	1.7	2.9
Utah.....	3,495	3,814	6,312	9.1	65.5	3.3	3.2	5.1

State	Mid-June <sup>1</sup>							
	Number of continued claims			Percent change <sup>2</sup>		Ratio of claimants to covered workers <sup>3</sup>		
	June 21, 1947	June 19, 1948	June 18, 1949	1947-48	1948-49	June 21, 1947	June 19, 1948	June 18, 1949
United States.....	1,169,812	1,016,451	2,007,440	-13.1	97.5	3.9	3.2	6.1
Northwest.....	13,317	11,126	18,979	-16.5	70.6	1.5	1.1	1.8
North Dakota.....	235	115	275	-51.1	139.1	.7	.3	.6
South Dakota.....	287	189	360	-34.1	90.5	.7	.4	.7
Nebraska.....	1,289	1,206	1,720	-6.4	42.6	.9	.8	1.1
Kansas.....	4,725	3,469	5,235	-26.6	50.9	2.3	1.5	2.2
Montana.....	1,173	1,148	2,108	-2.1	83.6	1.4	1.2	2.1
Idaho.....	1,350	816	1,358	-39.6	66.4	1.8	.9	1.5
Wyoming.....	322	320	699	-.6	118.4	.7	.6	1.3
Colorado.....	2,453	2,468	4,813	.6	95.0	1.4	1.3	2.5
Utah.....	1,483	1,395	2,411	-5.9	72.8	1.4	1.2	1.9

State	Mid-September <sup>1</sup>							
	Number of continued claims			Percent change <sup>2</sup>		Ratio of claimants to covered workers <sup>3</sup>		
	Sept. 20, 1947	Sept. 25, 1948	Sept. 24, 1949	1947-48	1948-49	Sept. 20, 1947	Sept. 25, 1948	Sept. 24, 1949
United States.....	866,361	821,725	1,902,578	-5.2	131.5	2.9	2.6	5.8
Northwest.....	9,678	8,157	20,245	-15.7	148.2	1.1	.8	1.9
North Dakota.....	129	80	195	-38.0	143.7	.4	.2	.5
South Dakota.....	163	153	391	-6.1	155.6	.4	.3	.8
Nebraska.....	859	862	1,768	.3	105.1	.6	.6	1.1
Kansas.....	3,441	2,425	5,019	-29.5	107.0	1.6	1.1	2.1
Montana.....	765	579	2,021	-24.3	249.0	.9	.6	2.0
Idaho.....	862	706	2,271	-18.1	221.7	1.1	.8	2.5
Wyoming.....	162	161	453	-.6	181.4	.4	.3	.8
Colorado.....	1,373	1,420	3,800	3.4	167.6	.8	.7	1.9
Utah.....	1,924	1,771	4,327	-8.0	144.3	1.8	1.5	3.5

See footnotes at end of table, p. 352.

## D. UNEMPLOYMENT—Continued

## 2. Continued claims for unemployment benefits—Continued

State	Mid-December <sup>1</sup>							
	Number of continued claims			Percent change <sup>2</sup>		Ratio of claimants to covered workers <sup>3</sup>		
	Dec. 13, 1947	Dec. 18, 1948	Dec. 17, 1949	1947-48	1948-49	Dec. 13, 1947	Dec. 18, 1948	Dec. 17, 1949
United States.....	783,889	1,129,265	-----	44.1	-----	2.6	3.5	-----
Northwest.....	14,449	20,775	-----	43.8	-----	1.6	2.0	-----
North Dakota.....	377	775	-----	105.6	-----	1.1	2.0	-----
South Dakota.....	441	537	-----	21.8	-----	1.0	1.1	-----
Nebraska.....	1,205	1,804	-----	49.7	-----	.8	1.2	-----
Kansas.....	4,330	4,012	-----	-7.3	-----	2.1	1.8	-----
Montana.....	1,620	2,049	-----	26.5	-----	1.9	2.2	-----
Idaho.....	2,170	2,616	-----	20.6	-----	2.8	3.0	-----
Wyoming.....	270	523	-----	93.7	-----	.6	1.0	-----
Colorado.....	1,461	2,815	-----	92.7	-----	.8	1.5	-----
Utah.....	2,575	5,644	-----	119.2	-----	2.4	4.7	-----

<sup>1</sup> Dates were selected to minimize as far as possible such noneconomic factors as holidays and new benefit years.

<sup>2</sup> Increase, unless otherwise indicated.

<sup>3</sup> The rate of unemployment was obtained by dividing the number of claims by the annual average number of persons covered in the previous year.

Source: U. S. Department of Labor, Bureau of Employment Security.

## 3. Weeks compensated, 1940 and 1948

[In thousands]

State	1940					1948				
	Total for year	March	June	September	December	Total for year	March	June	September	December
United States.....	51,012	4,574	5,324	3,603	2,973	42,550	4,230	3,859	3,114	4,044
Northwest.....	1,688	233	122	90	115	668	114	42	31	63
North Dakota.....	66	10	5	3	5	19	5	( <sup>1</sup> )	( <sup>1</sup> )	2
South Dakota.....	52	6	5	3	4	18	5	1	1	2
Nebraska.....	202	28	13	12	15	67	12	4	4	5
Kansas.....	227	32	17	13	16	190	30	13	9	14
Montana.....	289	45	18	12	21	80	17	5	2	6
Idaho.....	182	33	12	7	12	75	15	4	2	7
Wyoming.....	99	17	8	4	5	19	4	1	1	1
Colorado.....	413	46	37	23	24	78	10	8	5	6
Utah.....	157	16	7	14	13	122	15	5	7	19

<sup>1</sup> Less than 500.

Source: U. S. Department of Labor, Bureau of Employment Security.

## D. UNEMPLOYMENT—Continued

## 4. Exhaustion of benefit rights and estimated average duration of benefits, 1948

State	Exhaustions of benefits		Estimated average duration (weeks) <sup>2</sup>
	Number	As percent of first payments <sup>1</sup>	
United States:			
1940 <sup>3</sup> .....	2,596,128	50.6	9.9
1948.....	1,024,274	27.5	10.7
Northwest.....	19,727	29.6	9.4
North Dakota.....	141	8.3	10.5
South Dakota.....	663	31.5	8.1
Nebraska.....	2,165	32.5	9.5
Kansas.....	5,593	29.7	10.1
Montana.....	2,565	33.4	10.5
Idaho.....	2,748	37.0	9.0
Wyoming.....	894	38.7	7.9
Colorado.....	2,054	24.8	8.7
Utah.....	2,904	24.8	8.7

<sup>1</sup> Exhaustions for calendar year as percent of first payments for 12-month period ended in September.

<sup>2</sup> Represents number of weeks compensated, divided by number of first payments in calendar year.

<sup>3</sup> No State break-downs available for 1940. The 1940 figures exclude Indiana and Wisconsin and include Alaska and Hawaii.

Source: U. S. Department of Labor, Bureau of Employment Security.

## 5. Average weekly benefit for total unemployment, 1940 and 1948

State	1940	1948
United States.....	\$10.56	\$19.03
Northwest:		
North Dakota.....	9.54	18.05
South Dakota.....	7.24	16.37
Nebraska.....	9.28	15.12
Kansas.....	9.30	15.28
Montana.....	10.89	16.01
Idaho.....	11.24	18.45
Wyoming.....	13.16	18.62
Colorado.....	10.51	15.54
Utah.....	11.11	23.10

<sup>1</sup> United States average includes Alaska and Hawaii.

NOTE.—Dependents' allowances are included. Data are corrected to June 20, 1949.

Source: U. S. Department of Labor, Bureau of Employment Security.

## E. MANUFACTURING

## 1. Establishments, production workers, and value added by manufacture, 1939 and 1947

## NORTH DAKOTA

Major industry group	Number of establishments		Production workers				Value added by manufacture			
			Number		Percent		Amount (in thousands of dollars)		Percent	
	1939	1947	1939	1947	1939	1947	1939	1947	1939	1947
All industries.....	342	362	2,605	3,823	100.0	100.0	10,984	29,461	100.0	100.0
Food and kindred products.....	221	163	1,915	2,676	73.5	70.0	7,943	21,848	72.3	74.2
Lumber and products (except furniture).....	5	6	17	21	.7	.5	55	57	.5	.2
Furniture and fixtures.....	1	3	( <sup>1</sup> )	17		.4	( <sup>1</sup> )	73		.2
Printing and publishing industries.....	86	119	457	599	17.5	15.7	2,260	4,865	20.6	16.5
Chemicals and allied products.....	1	6	( <sup>1</sup> )	23		.6	( <sup>1</sup> )	482		1.6
Stone, clay, and glass products.....	7	32	48	161	1.8	4.2	121	616	1.1	2.1
Fabricated metal products.....	5	6	95	112	3.6	2.9	320	626	2.9	2.1
Machinery (except electrical).....	6	13	( <sup>1</sup> )	62		1.6	( <sup>1</sup> )	252		.9
Miscellaneous manufactures.....	5	5	15	52	.6	1.4	57	318	.5	1.1
All other major industry groups.....	5	9	34	100	1.3	2.6	158	324	1.4	1.1

## SOUTH DAKOTA

All industries.....	450	494	5,421	8,062	100.0	100.0	19,619	51,398	100.0	100.0
Food and kindred products.....	268	215	3,831	5,359	70.7	66.5	14,084	35,246	71.8	68.6
Lumber and products (except furniture).....	28	45	589	903	10.9	11.2	1,190	3,506	6.1	6.8
Printing and publishing industries.....	100	143	503	712	9.3	8.8	2,119	5,566	10.8	10.8
Chemicals and allied products.....	10	9	( <sup>1</sup> )	187		2.3	( <sup>1</sup> )	1,644		3.2
Stone, clay, and glass products.....	17	40	220	307	4.1	3.8	975	1,646	5.0	3.2
Fabricated metal products.....	6	6	90	62	1.7	.8	529	880	2.7	1.7
Machinery (except electrical).....	2	12	( <sup>1</sup> )	407		5.0	( <sup>1</sup> )	2,398		4.7
Miscellaneous manufactures.....	8	10	35	62	.8	.8	90	370	.5	.7
All other major industry groups.....	11	14	30	63	.6	.8	130	142	.7	.3

NEBRASKA

All industries.....	1, 093	1, 344	18, 416	37, 338	100. 0	100. 0	68, 139	260, 658	100. 0	100. 0
Food and kindred products.....	498	513	10, 910	19, 887	59. 2	53. 3	38, 497	156, 216	56. 5	59. 9
Apparel and related products.....	26	34	440	1, 092	2. 4	2. 9	835	4, 167	1. 2	1. 6
Lumber and products (except furniture).....	22	26	410	415	2. 2	1. 1	878	1, 369	1. 3	. 5
Furniture and fixtures.....	24	29	465	848	2. 5	2. 3	1, 292	3, 956	1. 9	1. 5
Printing and publishing industries.....	276	345	1, 884	2, 484	10. 2	6. 7	10, 237	21, 505	15. 0	8. 3
Chemicals and allied products.....	52	58	386	931	2. 1	2. 5	3, 137	10, 926	4. 6	4. 2
Petroleum and coal products.....	12	9	60	117	. 3	. 3	263	1, 084	. 4	. 4
Leather and leather products.....	9	9	247	208	. 8	. 6	270	513	. 4	. 2
Stone, clay, and glass products.....	43	77	774	861	4. 2	2. 3	3, 036	5, 632	4. 5	2. 2
Fabricated metal products.....	32	49	917	1, 223	5. 0	3. 3	2, 803	7, 498	4. 1	2. 9
Machinery (except electrical).....	34	74	699	2, 134	3. 8	5. 7	2, 473	10, 462	3. 6	4. 0
Electrical machinery.....	7	16	91	1, 777	. 5	4. 8	204	10, 698	. 3	4. 1
Transportation equipment.....	4	13	16	1, 398	. 1	3. 7	27	6, 074	( <sup>1</sup> )	2. 3
Miscellaneous manufactures.....	28	55	683	1, 087	3. 7	2. 9	1, 349	4, 266	2. 0	1. 6
All other major industry groups.....	26	37	534	2, 876	2. 9	7. 7	2, 838	16, 292	4. 2	6. 3

KANSAS

All industries.....	1, 418	1, 946	30, 935	59, 363	100. 0	100. 0	117, 391	461, 061	100. 0	100. 0
Food and kindred products.....	730	719	14, 975	21, 735	48. 4	36. 6	51, 036	151, 922	43. 5	33. 0
Apparel and related products.....	19	54	596	1, 945	1. 9	3. 3	911	6, 818	. 8	1. 5
Lumber and products (except furniture).....	37	45	581	806	1. 9	1. 4	1, 146	3, 731	1. 0	. 8
Furniture and fixtures.....	25	45	469	919	1. 5	1. 5	1, 035	3, 492	. 9	. 8
Paper and allied products.....	9	9	769	1, 175	2. 0	2. 5	2, 352	12, 024	2. 0	2. 6
Printing and publishing industries.....	321	453	2, 343	3, 394	7. 6	5. 7	12, 149	26, 201	10. 3	5. 7
Chemicals and allied products.....	44	74	2, 026	3, 929	6. 5	6. 6	13, 010	66, 990	11. 1	14. 5
Petroleum and coal products.....	34	34	3, 073	3, 554	9. 9	6. 0	15, 804	51, 118	13. 5	11. 1
Leather and leather products.....	2	10	( <sup>1</sup> )	133		. 2	( <sup>1</sup> )	466		. 1
Stone, clay, and glass products.....	56	128	1, 418	2, 853	4. 6	4. 8	6, 363	17, 527	5. 4	3. 8
Fabricated metal products.....	39	86	1, 264	3, 166	4. 1	5. 3	3, 228	22, 037	2. 7	4. 8
Machinery (except electrical).....	43	134	1, 178	4, 185	3. 8	7. 0	4, 132	28, 024	3. 5	6. 1
Transportation equipment.....	8	37	1, 100	8, 254	3. 6	13. 9	2, 850	51, 344	2. 4	11. 1
Miscellaneous manufactures.....	30	63	291	524	. 9	. 9	834	2, 386	. 7	. 5
All other major industry groups.....	21	55	( <sup>1</sup> )	2, 791		4. 7	( <sup>1</sup> )	16, 981		3. 7

See footnotes at end of table, p. 358.

NORTHWEST



## E. MANUFACTURING—Continued

1. Establishments, production workers, and value added by manufacture, 1939 and 1947—Continued

## MONTANA

Major industry group	Establishments, number		Production workers				Value added by manufacture			
			Number		Percent		Amount (in thousands of dollars)		Percent	
	1939	1947	1939	1947	1939	1947	1939	1947	1939	1947
All industries .....	552	652	8,802	13,606	100.0	100.0	38,828	92,258	100.0	100.0
Food and kindred products.....	280	206	2,361	3,212	26.8	23.6	11,793	26,230	30.4	28.4
Lumber and products, except furniture.....	62	210	2,197	4,562	25.0	33.5	4,240	22,053	10.9	23.9
Furniture and fixtures .....	3	5	15	88	.2	.6	61	135	.2	.1
Printing and publishing industries.....	109	101	652	824	7.4	6.1	3,141	6,062	8.1	6.6
Chemicals and allied products.....	8	10	373	342	4.2	2.5	1,163	2,149	3.0	2.3
Petroleum and coal products.....	29	12	440	479	5.0	3.5	4,386	7,855	11.3	8.5
Stone, clay, and glass products.....	25	53	288	502	3.3	3.7	1,444	3,607	3.7	3.9
Fabricated metal products.....	8	13	65	229	.7	1.7	288	1,302	.7	1.4
Machinery (except electric).....	7	10	80	86	.9	.6	261	321	.7	.3
Miscellaneous manufactures.....	9	12	49	103	.6	.8	206	523	.5	.6
All other major industry groups.....	12	20	2,282	3,179	25.9	23.4	11,840	22,021	30.5	23.9

## IDAHO

All industries.....	498	664	9,854	14,602	100.0	100.0	29,788	109,694	100.0	100.0
Food and kindred products.....	269	244	2,786	4,944	28.3	33.9	10,852	43,653	36.4	39.8
Lumber and products, except furniture.....	106	233	5,583	7,137	56.7	48.9	13,291	43,396	44.6	39.6
Printing and publishing industries.....	78	88	480	629	4.9	4.3	2,284	4,968	7.7	4.5
Chemicals and allied products.....	2	7	(1)	126	.9	.9	(1)	1,609	7.7	1.5
Leather and leather products.....		4		13	.1	.1		54		(2)
Stone, clay, and glass products.....	19	28	187	272	1.9	1.9	615	1,614	2.1	1.5
Primary metal industries.....	5	4	569	825	5.8	5.7	1,988	10,492	6.6	9.6
Fabricated metal products.....	4	10	35	88	.4	.6	173	404	.6	.4
Machinery (except electric).....	7	11	67	235	.7	1.6	201	1,194	.7	1.1
Miscellaneous manufactures.....	2	13	(1)	185	1.3	1.3	(1)	918	2.7	1.8
All other major industry groups.....	6	22	(1)	145	1.0	1.0	(1)	1,392	4.0	1.3

WYOMING

All industries.....	300	256	3,351	4,285	100.0	100.0	15,336	34,957	100.0	100.0
Food and kindred products.....	123	78	974	1,053	29.1	24.6	4,014	7,834	26.2	22.4
Lumber and products, except furniture.....	55	76	863	856	25.8	20.0	1,469	3,566	9.5	10.2
Printing and publishing industries.....	54	47	235	274	7.0	6.4	1,200	2,209	7.8	6.3
Chemicals and allied products.....	4	3	9	21	.3	.5	43	33	.3	.1
Petroleum and coal products.....	38	22	1,004	1,587	30.0	37.0	7,146	18,363	46.6	52.5
Stone, clay and glass products.....	11	15	208	265	6.2	6.2	1,200	1,489	7.8	4.3
Machinery (except electrical).....	6	7	13	111	.4	2.6	84	752	.5	2.2
All other major industry groups.....	9	8	45	118	1.3	2.8	190	711	1.2	2.0

COLORADO

All industries.....	1,219	1,602	23,388	44,153	100.0	100.0	90,330	286,774	100.0	100.0
Food and kindred products.....	473	442	8,085	12,160	34.6	27.5	31,945	92,675	35.4	32.3
Textile mill products.....		4		100		.2		363		.1
Apparel and related products.....	30	45	947	1,426	4.0	3.2	1,608	5,234	1.8	1.8
Lumber and products, except furniture.....	100	188	1,192	2,151	5.1	4.9	1,975	8,106	2.2	2.8
Furniture and fixtures.....	26	40	349	591	1.5	1.3	838	2,655	.9	.9
Printing and publishing industries.....	235	293	1,856	2,946	7.9	6.7	9,419	22,386	10.4	7.8
Chemicals and allied products.....	51	62	470	818	2.0	1.9	3,193	8,271	3.5	2.9
Petroleum and coal products.....	16	14	441	693	1.9	1.6	2,986	9,607	3.3	3.4
Leather and leather products.....	12	19	316	986	1.4	2.2	962	4,370	1.1	1.5
Stone, clay, and glass products.....	70	108	1,236	2,169	5.3	4.9	4,293	11,966	4.8	4.2
Primary metal industries.....	32	47	4,623	7,481	19.8	16.9	14,666	37,395	16.2	13.0
Fabricated metal products.....	37	83	745	1,904	3.2	4.3	2,428	11,261	2.7	3.9
Machinery (except electric).....	50	101	1,164	3,631	5.0	8.2	3,811	22,550	4.2	7.9
Transportation equipment.....	10	16	138	537	.6	1.2	399	3,100	.4	1.1
Instruments and related products.....	10	18	68	282	.3	.6	166	1,737	.2	.6
Miscellaneous manufactures.....	52	93	528	1,557	2.3	3.5	(1)	6,204		2.2
All other major industry groups.....	15	29	1,227	4,721	5.2	10.7	(1)	38,894		13.6

See footnotes at end of table, p. 358.

09324-50-24

NORTHWEST

## E. MANUFACTURING—Continued

## 1. Establishments, production workers, and value added by manufacture, 1939 and 1947—Continued

## UTAH

Major industry group	Establishments, number		Production workers				Value added by manufacture			
			Number		Percent		Amount (in thousands of dollars)		Percent	
	1939	1947	1939	1947	1939	1947	1939	1947	1939	1947
All industries.....	549	772	11,467	19,973	100.0	100.0	43,341	128,298	100.0	100.0
Food and kindred products.....	257	285	4,826	6,533	42.1	32.7	16,660	42,048	38.4	33.5
Textile mill products.....	8	8	418	481	3.6	2.4	623	1,241	1.4	1.0
Apparel and related products.....	14	33	569	1,097	5.0	5.5	710	3,433	1.6	2.7
Furniture and fixtures.....	11	23	183	334	1.6	1.7	417	1,392	1.0	1.1
Printing and publishing industries.....	98	128	705	988	6.1	4.9	4,219	9,390	9.7	7.3
Chemicals and allied products.....	15	30	282	540	2.5	2.7	2,040	5,112	4.7	4.0
Petroleum and coal products.....	6	9	380	1,158	3.3	5.8	3,198	12,222	7.4	9.5
Stone, clay, and glass products.....	37	58	596	934	5.2	4.7	1,930	5,627	4.5	4.4
Primary metal industries.....	16	24	2,546	5,484	22.2	27.5	10,151	34,099	23.4	26.6
Fabricated metal products.....	16	32	309	739	2.7	3.7	1,467	4,212	3.4	3.3
Machinery (except electrical).....	12	17	209	549	1.8	2.7	555	3,215	1.3	2.5
Electrical machinery.....	1	3	( <sup>1</sup> )	7	-----	( <sup>2</sup> )	( <sup>1</sup> )	21	-----	( <sup>2</sup> )
Instruments and related products.....	2	4	( <sup>1</sup> )	24	-----	.1	94	-----	-----	.1
Miscellaneous manufacture.....	20	30	114	275	1.0	1.4	484	1,742	1.1	1.4
All other major industry groups.....	36	88	330	830	2.9	4.2	889	3,550	2.1	2.8

<sup>1</sup> Withheld to avoid disclosing figures for individual companies.

<sup>2</sup> Less than 0.05 percent.

Source: 1947 Census of Manufactures, Final State Reports (Series MC100). Although 1939 data have been adjusted wherever possible to the Standard Industrial Classification used for the 1947 census, figures given for the 2 periods are not in every case completely comparable. For full descriptions of the small variations remaining in various industry groups, see the industry volume of the 1947 Census of Manufactures (vol. II).

E. MANUFACTURING—Continued

2. Production workers, 1939 and 1947

State	1939	1947	Change <sup>1</sup>		1939	1947	Change <sup>1</sup>	
			Number	Percent			Number	Percent
	All industries				Food and kindred products			
United States.....	7,808,205	11,916,188	4,107,983	53	802,133	1,099,478	297,345	37
Northwest.....	114,239	205,205	90,966	80	50,663	77,559	26,896	53
North Dakota.....	2,605	3,823	1,218	47	1,915	2,676	761	40
South Dakota.....	5,421	8,062	2,641	49	3,831	5,359	1,528	40
Nebraska.....	18,416	37,338	18,922	103	10,910	19,887	8,977	82
Kansas.....	30,935	59,363	28,428	92	14,975	21,735	6,760	45
Montana.....	8,802	13,606	4,804	55	2,361	3,212	851	36
Idaho.....	9,854	14,602	4,748	48	2,786	4,944	2,158	77
Wyoming.....	3,351	4,285	934	28	974	1,053	79	8
Colorado.....	23,388	44,153	20,765	89	8,085	12,160	4,075	50
Utah.....	11,467	19,973	8,506	74	4,826	6,533	1,707	35
	Tobacco manufactures				Textile mill products			
United States.....	87,525	103,289	15,764	18	1,081,710	1,147,194	65,484	6
Northwest.....	( <sup>2</sup> )	( <sup>2</sup> )			( <sup>2</sup> )	( <sup>2</sup> )		
North Dakota.....					( <sup>2</sup> )	( <sup>2</sup> )		
South Dakota.....								
Nebraska.....					( <sup>2</sup> )	( <sup>2</sup> )		
Kansas.....								
Montana.....								
Idaho.....								
Wyoming.....								
Colorado.....	( <sup>2</sup> )	( <sup>2</sup> )				100	100	
Utah.....	( <sup>2</sup> )	( <sup>2</sup> )			418	481	63	15
	Apparel and related products				Lumber and products, except furniture			
United States.....	752,829	972,897	220,068	29	422,947	596,118	173,171	41
Northwest.....	* 2,552	* 5,583			11,611	17,447	5,836	50
North Dakota.....	( <sup>2</sup> )	( <sup>2</sup> )			17	21	4	24
South Dakota.....		( <sup>2</sup> )			589	903	314	53
Nebraska.....	440	1,092	652	148	410	415	5	1
Kansas.....	596	1,945	1,349	226	581	806	225	39
Montana.....	( <sup>2</sup> )	( <sup>2</sup> )			2,197	4,562	2,365	108
Idaho.....	( <sup>2</sup> )	23			5,583	7,137	1,554	28
Wyoming.....					863	856	-7	-1
Colorado.....	947	1,426	479	51	1,192	2,151	959	80
Utah.....	569	1,097	528	93	179	596	417	
	Furniture and fixtures				Paper and allied products			
United States.....	189,382	282,780	93,398	49	270,239	388,901	118,662	44
Northwest.....	* 1,481	* 2,797			( <sup>2</sup> )	( <sup>2</sup> )		
North Dakota.....	( <sup>2</sup> )	17			( <sup>2</sup> )	( <sup>2</sup> )		
South Dakota.....					( <sup>2</sup> )	( <sup>2</sup> )		
Nebraska.....	465	848	383	82				
Kansas.....	469	919	450	96	769	1,175	406	53
Montana.....	15	88	73					
Idaho.....	( <sup>2</sup> )	( <sup>2</sup> )			( <sup>2</sup> )	( <sup>2</sup> )		
Wyoming.....	( <sup>2</sup> )	( <sup>2</sup> )						
Colorado.....	349	591	242	69	150	524	374	
Utah.....	183	334	151	83	( <sup>2</sup> )	122		

See footnotes at end of table, p. 361.

## E. MANUFACTURING—Continued

## 2. Production workers, 1939 and 1947—Continued

State	1939	1947	Change †		1939	1947	Change †	
			Number	Per- cent			Number	Per- cent
	Printing and publishing industries				Chemicals and allied products			
United States.....	324,371	438,135	113,764	35	275,669	466,458	190,789	69
Northwest.....	9,115	12,850	3,735	41	\$ 3,546	\$ 6,917	-----	-----
North Dakota.....	457	590	142	31	(?)	23	-----	-----
South Dakota.....	503	712	209	42	(?)	187	-----	-----
Nebraska.....	1,884	2,484	600	32	386	931	545	141
Kansas.....	2,343	3,394	1,051	45	2,026	3,929	1,903	94
Montana.....	652	824	172	26	373	342	-31	-8
Idaho.....	480	629	149	31	(?)	9	12	-----
Wyoming.....	235	274	39	17	9	21	-----	-----
Colorado.....	1,856	2,946	1,090	59	470	818	348	74
Utah.....	705	988	283	40	282	540	258	91
	Products of petroleum and coal				Rubber products			
United States.....	107,695	169,610	61,915	57	120,740	214,533	93,793	78
Northwest.....	\$ 5,401	\$ 7,588	-----	-----	(?)	(?)	-----	-----
North Dakota.....	(?)	(?)	-----	-----	-----	-----	-----	-----
South Dakota.....	(?)	(?)	-----	-----	-----	-----	-----	-----
Nebraska.....	60	117	57	95	(?)	(?)	-----	-----
Kansas.....	3,073	3,554	481	16	(?)	(?)	-----	-----
Montana.....	440	479	39	9	-----	-----	-----	-----
Idaho.....	(?)	(?)	-----	-----	-----	-----	-----	-----
Wyoming.....	1,004	1,587	583	58	-----	-----	-----	-----
Colorado.....	441	693	252	57	(?)	(?)	-----	-----
Utah.....	380	1,158	778	205	-----	-----	-----	-----
	Leather and leather products				Stone, clay, and glass products			
United States.....	327,189	348,529	21,340	7	267,094	405,755	138,661	52
Northwest.....	(?)	(?)	-----	-----	4,975	8,324	3,349	67
North Dakota.....	-----	-----	-----	-----	48	161	113	-----
South Dakota.....	-----	-----	-----	-----	220	307	87	40
Nebraska.....	247	208	-39	-16	774	861	87	11
Kansas.....	(?)	133	-----	-----	1,418	2,853	1,435	101
Montana.....	(?)	(?)	-----	-----	288	502	214	74
Idaho.....	-----	13	13	-----	187	272	85	45
Wyoming.....	(?)	(?)	-----	-----	208	265	57	27
Colorado.....	316	986	670	212	1,236	2,169	933	75
Utah.....	(?)	(?)	-----	-----	596	934	338	57
	Primary metal industries				Fabricated metal products			
United States.....	672,438	1,010,055	337,617	50	451,087	822,514	371,427	82
Northwest.....	\$ 10,936	\$ 19,062	-----	-----	\$ 3,520	\$ 7,523	-----	-----
North Dakota.....	(?)	(?)	-----	-----	95	112	17	18
South Dakota.....	(?)	(?)	-----	-----	90	62	-28	-31
Nebraska.....	142	911	769	-----	917	1,223	306	33
Kansas.....	786	1,226	440	56	1,264	3,166	1,902	150
Montana.....	2,270	3,132	862	38	65	229	164	-----
Idaho.....	569	828	259	46	35	88	53	-----
Wyoming.....	-----	-----	-----	-----	(?)	(?)	-----	-----
Colorado.....	4,623	7,481	2,858	62	745	1,904	1,159	156
Utah.....	2,546	5,484	2,938	115	309	739	430	139

See footnotes at end of table, p. 361.

## E. MANUFACTURING—Continued

## 2. Production workers, 1939 and 1947—Continued

State	1939	1947	Change <sup>1</sup>		1939	1947	Change <sup>1</sup>	
			Number	Percent			Number	Percent
	Machinery (excluding electrical)				Electrical machinery			
United States.....	536,082	1,244,135	708,053	132	247,930	639,147	391,217	158
Northwest.....	<sup>2</sup> 3,410	4,400			(?)	(?)		
North Dakota.....	(?)	62			(?)	(?)		
South Dakota.....	(?)	407			(?)	(?)		
Nebraska.....	699	2,134	1,435	205	91	1,777	1,686	
Kansas.....	1,178	4,185	3,007	255	(?)	(?)		
Montana.....	80	86	6	8				
Idaho.....	67	235	168					
Wyoming.....	13	111	98		(?)	(?)		
Colorado.....	1,164	3,631	2,467	212	37	215	178	
Utah.....	209	549	340	163	(?)	7		
	Transportation equipment				Instruments and related products			
United States.....	544,553	987,142	442,589	81	84,867	181,939	97,072	114
Northwest.....	<sup>3</sup> 1,254	<sup>3</sup> 10,320			(?)	(?)		
North Dakota.....	(?)	(?)						
South Dakota.....		(?)			(?)	(?)		
Nebraska.....	16	1,398	1,382		16	1,091	1,075	
Kansas.....	1,100	8,254	7,154	650	(?)	(?)		
Montana.....		24	24		(?)	(?)		
Idaho.....	(?)	26			(?)	(?)		
Wyoming.....	(?)	(?)						
Colorado.....	138	537	399					
Utah.....	(?)	81			(?)	282	214	
	Miscellaneous manufactures							
United States.....	241,725	397,579	155,854	64				
Northwest.....	<sup>3</sup> 1,715	<sup>3</sup> 3,845						
North Dakota.....	15	52	37					
South Dakota.....	35	62	27					
Nebraska.....	683	1,087	404	59				
Kansas.....	291	524	233	80				
Montana.....	49	103	54					
Idaho.....	(?)	185						
Wyoming.....	(?)	(?)						
Colorado.....	528	1,557	1,029	195				
Utah.....	114	275	161					

<sup>1</sup> Increase, unless otherwise indicated.<sup>2</sup> Withheld to avoid disclosing figures for individual companies.<sup>3</sup> Omits a number of employees in the States marked (?).

Source: 1947 Census of Manufactures, Final State Reports (Series M100). Although 1939 data have been adjusted wherever possible to the Standard Industrial Classification used for the 1947 census, figures for the 2 periods are not in every case completely comparable. For full descriptions of the small variations remaining in various industry groups, see the industry volume of the 1947 Census of Manufactures (vol. II).

In order to avoid disclosing figures for individual companies, the statistics for some industry groups are not shown. They are included, however, in the State totals.

## E. MANUFACTURING—Continued

3. Trends in total manufacturing, 1899-1947<sup>1</sup>

## ESTABLISHMENTS

Year	United States	North-west	North Dakota	South Dakota	Ne-braska	Kansas	Mon-tana	Idaho	Wyom-ing	Colo-rado	Utah
Number											
1899.....	204,750	7,674	337	624	1,695	2,299	395	287	139	1,323	575
1909.....	264,810	12,160	752	1,020	2,500	3,435	677	725	268	2,034	749
1919.....	270,231	13,083	755	1,054	2,385	3,149	1,235	803	437	2,230	1,035
1929.....	206,683	7,993	373	615	1,491	1,616	589	562	248	1,548	651
1939.....	173,802	6,421	342	450	1,093	1,418	552	498	300	1,219	549
1947.....	240,881	8,092	362	494	1,344	1,946	652	664	256	1,602	772
Index (1899=100)											
1899.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1909.....	129.3	158.5	223.1	163.5	147.5	149.4	171.4	252.6	192.8	153.7	130.3
1919.....	132.0	170.5	224.0	163.9	140.7	137.0	312.7	279.8	314.4	168.6	180.0
1929.....	100.9	104.2	110.7	98.6	85.0	83.3	149.1	165.8	178.4	117.0	113.2
1939.....	84.9	83.7	101.5	72.1	64.5	61.7	139.7	173.5	215.8	92.1	95.5
1947.....	117.6	105.4	107.4	79.2	79.3	84.6	165.1	231.4	184.2	121.1	134.3

## ALL EMPLOYEES

[Average for the year]

Year	United States	North-west	North Dakota	South Dakota	Ne-braska	Kansas	Mon-tana	Idaho	Wyom-ing	Colo-rado	Utah
Number											
1899.....	4,850,019	97,251	1,510	2,512	20,965	30,731	10,362	1,644	2,147	21,368	6,012
1909.....	7,012,066	159,312	3,425	4,284	29,444	51,078	13,035	9,078	3,130	32,393	13,445
1919.....	9,836,801	232,545	5,033	6,774	44,924	72,479	18,893	15,022	7,108	40,786	21,526
1929.....	9,659,742	203,848	5,017	7,803	34,752	67,341	17,135	17,023	7,154	39,113	18,510
1939.....	9,527,306	155,994	4,075	7,327	26,183	42,564	11,939	11,719	4,416	32,234	15,537
1947.....	14,294,304	254,331	5,218	10,265	47,031	74,624	16,092	16,907	5,607	54,071	24,516
Index (1899=100)											
1899.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1909.....	144.6	163.8	226.8	170.5	140.4	166.2	125.8	552.2	145.8	151.6	223.6
1919.....	202.8	238.1	333.3	269.7	214.3	235.8	182.3	913.7	331.1	190.9	358.1
1929.....	199.2	209.6	332.3	310.6	165.8	186.6	165.4	1,035.5	333.2	183.0	307.9
1939.....	196.4	160.4	269.9	291.7	124.9	138.5	115.2	712.8	205.7	150.9	258.4
1947.....	294.7	261.5	345.6	408.6	224.3	242.8	155.3	1,028.4	261.2	253.0	407.8

See footnotes at end of table, p. 363.

## E. MANUFACTURING—Continued

3. Trends in total manufacturing, 1899-1947<sup>1</sup>—Continued

## PRODUCTION WORKERS

(Average for the year)

Year	United States	North-west	North Dakota	South Dakota	Ne-braska	Kansas	Montana	Idaho	Wyoming	Colorado	Utah
Number											
1899.....	4, 601, 919	87, 747	1, 358	2, 224	18, 669	27, 119	9, 854	1, 552	2, 060	19, 498	5, 413
1909.....	6, 261, 736	137, 536	2, 789	3, 602	24, 336	44, 215	11, 655	8, 220	2, 867	28, 067	11, 785
1919.....	8, 464, 916	194, 010	4, 169	5, 588	35, 387	60, 179	16, 640	13, 575	6, 271	33, 759	18, 442
1929.....	8, 369, 705	171, 410	4, 024	6, 535	28, 212	47, 373	14, 869	15, 648	6, 258	32, 890	15, 601
1939.....	7, 808, 205	114, 239	2, 605	5, 421	18, 416	30, 935	8, 802	9, 854	3, 351	23, 388	11, 467
1947.....	11, 916, 188	205, 205	3, 823	8, 062	37, 338	59, 363	13, 606	14, 602	4, 285	44, 153	19, 973
Index (1899=100)											
1899.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1909.....	139.0	156.7	205.4	162.0	130.4	163.0	118.3	529.6	139.2	143.9	217.7
1919.....	188.0	221.1	307.0	251.3	189.5	221.9	168.9	874.7	304.4	173.1	340.6
1929.....	185.9	195.3	296.3	293.8	151.1	174.7	150.9	1, 008.2	303.8	168.7	288.2
1939.....	173.4	130.2	191.8	243.7	98.6	114.1	89.3	634.9	162.7	120.0	211.8
1947.....	264.7	233.9	281.5	362.5	200.0	218.9	138.1	940.9	208.0	226.4	369.0

## VALUE ADDED BY MANUFACTURE

Year	United States	North-west	North Dakota	South Dakota	Ne-braska	Kansas	Montana	Idaho	Wyoming	Colorado	Utah
Amount (in thousands of dollars)											
1899.....	4, 646, 981	133, 800	2, 109	3, 046	34, 377	33, 271	22, 677	1, 563	1, 809	28, 317	6, 541
1909.....	8, 160, 075	236, 506	5, 464	6, 394	47, 938	66, 220	24, 092	12, 480	3, 641	49, 553	20, 724
1919.....	23, 841, 624	563, 386	12, 198	17, 070	112, 646	161, 566	43, 079	35, 659	38, 142	97, 195	45, 831
1929.....	30, 591, 435	682, 103	15, 637	22, 681	119, 904	205, 367	61, 249	44, 489	33, 628	122, 331	56, 727
1939.....	24, 487, 304	433, 756	10, 984	19, 619	65, 139	117, 391	38, 828	29, 788	15, 336	90, 330	43, 341
1947.....	74, 425, 825	1, 454, 650	29, 461	51, 398	260, 658	461, 061	92, 258	109, 694	34, 957	286, 774	128, 298
Index (1899=100)											
1899.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1909.....	175.6	176.8	259.1	209.9	139.4	199.0	106.2	798.5	191.7	175.0	316.8
1919.....	513.1	421.1	578.4	560.4	327.7	485.6	190.0	2, 281.4	2, 008.5	343.2	700.7
1929.....	658.3	509.8	741.4	744.6	349.1	617.3	270.1	2, 846.4	1, 770.8	432.0	867.3
1939.....	526.9	324.2	520.8	644.1	198.2	352.8	171.2	1, 905.8	807.6	319.0	662.6
1947.....	1, 601.6	1, 087.1	1, 396.9	1, 687.4	758.2	1, 355.8	406.8	7, 018.2	1, 840.8	1, 012.7	1, 961.4

<sup>1</sup> Differences in the levels of manufacturing employment in 1939 and 1947 as estimated by the Bureau of Labor Statistics (tables C) and by the Bureau of the Census (tables E) are attributable largely to differences in the definition of manufacturing and in the classification of establishments, administrative offices, and auxiliary units.

Source: 1947 Census of Manufactures, Final State Reports (MC100 series). National series were revised to exclude industries that are no longer counted as manufacturing. Similar adjustments could not be made in the State series, because data were not available for many of these industries on a State basis. The sum of the State and regional figures is therefore not equal to the United States totals.

State figures for 1939 and 1947 exclude, whereas earlier figures include, data for "Railroad repair shops," "Manufactured gas," and a few minor industries. Similarly, dates after 1919 exclude figures on the "Automobile repairing" industry, and "Motion pictures" were excluded from manufacturing after 1931. For these reasons the State figures for 1939 and 1947 are not completely comparable to those for earlier years.

The minimum size for establishments to be enumerated has varied from one census to another. The chief resulting lack of comparability is seen in data on number of establishments. In 1919 and previously, establishments producing a total value of \$500 or more during the year were included. For the period 1921-39 the lower limit was set at \$5,000. The result was to exclude after 1919 a large number of small establishments, but no large amount of employment or of production. If the \$5,000 limit had been in effect in 1919 some 23 percent of the establishments (those producing between \$500 and \$5,000 worth of manufactures per year) would have been omitted, but only about 1/2 of 1 percent of the production workers or the value added by manufacture. For the 1947 census, all establishments that employed at least 1 person at any time during the year were included.



## F. CONSTRUCTION

## 1. New construction activity

[Millions of dollars]

## NORTH DAKOTA

Year	Total	Private				Public			
		Total <sup>1</sup>	Residential building (excluding farm)	Non-residential building	Public utility	Total	Non-residential building	Highway	Other <sup>2</sup>
1939.....	18.7	9.4	2.3	1.2	3.3	9.3	2.4	4.5	2.4
1940.....	21.0	12.2	3.9	1.2	3.9	8.8	1.1	5.4	2.3
1941.....	26.4	17.6	5.1	2.0	5.9	8.8	.9	5.9	2.0
1942.....	17.4	10.7	.9	.5	4.3	6.7	.6	4.1	2.0
1943.....	14.4	9.7	( <sup>3</sup> )	.1	3.8	4.7	.4	2.9	1.4
1944.....	14.6	10.1	.1	.3	5.2	4.5	.4	3.5	.6
1945.....	19.2	12.5	1.3	1.3	5.7	6.7	.2	5.3	1.2
1946.....	41.9	28.1	6.9	4.4	9.1	13.8	1.0	6.3	6.5
1947.....	58.2	38.6	9.3	5.7	15.7	19.6	1.0	7.4	11.2
1948.....	-----	-----	-----	7.3	20.7	36.2	2.8	13.8	19.6
First quarter, 1948.....	-----	-----	-----	1.6	4.0	2.6	.3	.3	2.0
Second quarter, 1948.....	-----	-----	-----	1.5	5.0	8.2	.8	3.1	4.3
Third quarter, 1948.....	-----	-----	-----	2.0	6.0	15.6	.9	6.9	7.8
First quarter, 1949.....	-----	-----	-----	-----	-----	3.9	1.1	.3	2.5
Second quarter, 1949.....	-----	-----	-----	-----	-----	14.4	2.1	3.7	8.6
Third quarter, 1949 <sup>4</sup> .....	-----	-----	-----	-----	-----	20.1	1.9	7.3	10.9

## SOUTH DAKOTA

1939.....	22.7	9.0	2.5	1.3	2.6	13.7	3.1	7.0	3.6
1940.....	26.5	13.8	4.1	1.7	5.0	12.7	1.4	7.8	3.5
1941.....	26.8	14.9	4.8	2.2	3.6	11.9	1.1	7.6	3.2
1942.....	79.9	9.8	1.2	1.3	3.2	70.1	.8	2.6	66.7
1943.....	21.7	9.6	1.2	.7	2.9	12.1	.5	2.6	9.0
1944.....	11.9	8.3	.1	.9	3.4	3.6	.5	1.6	1.5
1945.....	16.6	10.5	1.2	1.2	4.8	6.1	.4	2.5	3.2
1946.....	37.2	26.4	6.4	4.6	8.4	10.8	.4	4.9	5.5
1947.....	66.3	39.4	12.1	4.0	12.1	26.9	2.8	9.0	15.1
1948.....	-----	-----	-----	6.5	19.0	39.3	3.7	13.7	21.9
First quarter, 1948.....	-----	-----	-----	1.1	3.4	4.5	.9	.3	3.3
Second quarter, 1948.....	-----	-----	-----	1.4	4.5	10.0	1.1	3.1	5.8
Third quarter, 1948.....	-----	-----	-----	2.0	5.5	14.9	.9	6.9	7.1
First quarter, 1949.....	-----	-----	-----	-----	-----	3.4	.5	.2	2.7
Second quarter, 1949.....	-----	-----	-----	-----	-----	13.5	1.1	4.0	8.4
Third quarter, 1949 <sup>4</sup> .....	-----	-----	-----	-----	-----	15.9	1.3	5.8	8.8

## NEBRASKA

1939.....	55.8	30.2	10.4	3.9	10.0	25.6	5.5	11.1	9.0
1940.....	55.3	29.5	11.3	3.9	7.7	25.8	2.6	14.8	8.4
1941.....	63.7	34.3	13.2	3.8	9.1	29.4	13.6	10.3	5.5
1942.....	207.9	25.9	7.0	2.7	9.2	182.0	54.9	6.2	120.9
1943.....	121.7	22.4	5.0	2.2	6.3	99.3	10.2	4.9	84.2
1944.....	59.0	22.0	4.7	2.2	7.9	37.0	14.0	6.4	16.6
1945.....	52.2	28.1	3.3	7.8	11.0	24.1	4.8	6.5	12.8
1946.....	81.2	57.9	15.3	13.6	16.7	23.3	2.3	11.7	9.3
1947.....	124.0	87.3	30.9	15.2	21.0	36.7	3.5	13.0	20.2
1948.....	-----	-----	-----	49.1	27.0	47.7	8.7	16.2	22.8
First quarter, 1948.....	-----	-----	-----	4.8	4.8	5.4	.8	.9	3.7
Second quarter, 1948.....	-----	-----	-----	9.9	7.3	12.8	1.9	4.5	6.4
Third quarter, 1948.....	-----	-----	-----	18.7	7.8	16.7	2.9	7.4	6.4
First quarter, 1949.....	-----	-----	-----	-----	-----	7.7	3.1	.7	3.0
Second quarter, 1949.....	-----	-----	-----	-----	-----	18.2	4.4	4.3	9.5
Third quarter, 1949 <sup>4</sup> .....	-----	-----	-----	-----	-----	21.9	4.8	5.3	11.8

See footnotes at end of table, p. 366.

## F. CONSTRUCTION—Continued

## 1. New construction activity—Continued

[In millions of dollars]

## KANSAS

Year	Total	Private				Public			
		Total <sup>1</sup>	Residential building (excluding farm)	Non-residential building	Public utility	Total	Non-residential building	Highway	Other <sup>2</sup>
1939.....	65.6	40.3	11.0	6.1	16.4	25.3	8.5	11.2	5.6
1940.....	77.5	47.1	15.8	7.5	16.4	30.4	5.8	12.2	12.4
1941.....	129.7	61.9	23.5	11.4	18.1	67.8	21.7	14.5	31.6
1942.....	317.7	49.1	16.7	6.2	16.8	268.6	131.8	10.4	126.4
1943.....	244.5	42.5	12.7	2.8	15.8	202.0	84.9	4.4	112.7
1944.....	77.9	39.5	4.5	6.2	20.9	38.4	23.0	3.8	11.6
1945.....	84.1	46.3	4.0	15.6	19.9	37.8	17.4	6.9	13.5
1946.....	136.3	101.9	24.4	29.8	34.7	34.4	2.2	21.3	10.9
1947.....	220.1	163.8	45.1	29.1	72.7	56.3	3.9	29.9	22.5
1948.....	.....	.....	.....	40.1	99.6	63.0	9.9	32.5	20.6
First quarter, 1948.....	.....	.....	.....	11.8	19.3	7.6	1.5	2.7	3.4
Second quarter, 1948.....	.....	.....	.....	10.0	24.6	17.4	2.1	9.9	5.4
Third quarter, 1948.....	.....	.....	.....	9.6	29.0	21.2	2.8	12.2	6.2
First quarter, 1949.....	.....	.....	.....	.....	.....	10.9	4.1	2.7	4.1
Second quarter, 1949.....	.....	.....	.....	.....	.....	21.5	5.5	8.3	7.7
Third quarter, 1949 <sup>3</sup> .....	.....	.....	.....	.....	.....	30.4	6.5	13.2	10.7

## MONTANA

1939.....	48.0	14.3	4.9	2.2	5.2	33.7	6.3	7.3	20.1
1940.....	42.4	17.1	6.1	2.6	6.0	25.3	3.0	7.6	14.7
1941.....	42.9	21.7	7.4	3.1	7.7	21.2	3.2	6.6	11.4
1942.....	63.7	11.8	1.5	.8	6.1	51.9	5.6	4.1	42.2
1943.....	26.4	8.5	.4	.3	4.4	17.9	4.3	2.1	11.5
1944.....	20.7	14.1	1.1	2.2	8.4	6.6	1.0	2.3	3.3
1945.....	22.1	15.6	1.4	2.0	9.7	6.5	.5	1.8	4.2
1946.....	44.0	28.6	7.4	5.9	11.3	15.4	.1	6.2	10.1
1947.....	61.8	40.1	10.2	9.2	16.2	21.7	1.0	7.3	13.4
1948.....	.....	.....	.....	15.7	23.8	32.3	4.7	11.9	15.7
First quarter, 1948.....	.....	.....	.....	2.1	4.8	2.1	.5	.3	1.3
Second quarter, 1948.....	.....	.....	.....	2.5	6.4	6.1	.9	2.7	2.5
Third quarter, 1948.....	.....	.....	.....	4.7	7.2	12.0	1.5	5.5	5.0
First quarter, 1949.....	.....	.....	.....	.....	.....	7.2	1.8	.8	4.6
Second quarter, 1949.....	.....	.....	.....	.....	.....	13.2	1.8	3.1	8.3
Third quarter, 1949 <sup>3</sup> .....	.....	.....	.....	.....	.....	17.0	2.6	4.9	9.5

## IDAHO

1939.....	23.4	13.6	4.9	1.2	5.1	9.8	1.5	6.3	2.0
1940.....	24.0	16.0	6.9	1.7	4.7	8.0	.7	5.2	2.1
1941.....	30.9	18.1	7.0	2.8	5.0	12.8	.5	6.0	6.3
1942.....	84.8	9.8	1.2	.8	4.7	75.0	3.9	4.8	66.3
1943.....	52.9	8.6	.8	.5	4.0	44.3	3.7	4.2	36.4
1944.....	25.7	11.0	1.4	1.2	5.9	14.7	2.7	2.6	9.4
1945.....	28.7	12.8	3.0	1.8	5.6	15.9	7.1	2.2	6.6
1946.....	54.5	34.6	11.6	9.3	9.5	19.9	1.0	7.1	11.8
1947.....	63.6	43.7	14.8	8.4	16.0	19.9	1.6	7.8	10.5
1948.....	.....	.....	.....	11.7	23.7	21.6	2.1	7.5	12.0
First quarter, 1948.....	.....	.....	.....	2.9	3.7	2.9	.3	.6	2.0
Second quarter, 1948.....	.....	.....	.....	3.3	5.7	4.8	.4	2.0	2.4
Third quarter, 1948.....	.....	.....	.....	3.1	6.7	7.3	.5	3.1	3.7
First quarter, 1949.....	.....	.....	.....	.....	.....	3.6	1.0	.3	2.3
Second quarter, 1949.....	.....	.....	.....	.....	.....	8.1	2.4	1.9	3.8
Third quarter, 1949 <sup>3</sup> .....	.....	.....	.....	.....	.....	7.9	2.6	2.8	2.5

See footnotes at end of table, p. 366.

## F. CONSTRUCTION—Continued

## 1. New construction activity—Continued

[In millions of dollars]

## WYOMING

Year	Total	Private				Public			
		Total <sup>1</sup>	Residential building (excluding farm)	Non-residential building	Public utility	Total	Non-residential building	Highway	Other <sup>2</sup>
1939.....	27.9	13.1	3.6	1.8	6.4	14.8	2.2	5.8	6.8
1940.....	22.9	10.4	4.6	2.1	2.3	12.5	1.0	5.5	6.0
1941.....	27.9	13.1	5.0	2.8	3.5	14.8	.8	5.3	8.7
1942.....	28.4	7.1	1.5	.7	3.4	21.3	3.1	3.1	15.1
1943.....	15.6	5.0	1.0	.2	2.3	10.6	2.8	1.1	6.7
1944.....	14.8	9.0	1.9	.3	5.8	5.8	2.4	1.5	1.9
1945.....	19.9	16.6	1.7	.6	13.4	3.3	.8	1.6	.9
1946.....	28.6	16.1	3.7	2.8	8.0	12.5	.3	5.5	6.7
1947.....	37.9	17.8	6.0	2.3	8.4	20.1	.7	8.9	10.5
1948.....				5.8	25.3	31.5	4.5	9.6	17.4
First quarter, 1948.....				1.2	3.6	3.9	.3	.4	3.2
Second quarter, 1948.....				1.7	6.8	8.6	.5	3.0	5.1
Third quarter, 1948.....				1.7	8.3	11.0	1.3	4.4	5.3
First quarter, 1949.....						5.6	2.6	.3	2.7
Second quarter, 1949.....						10.1	2.6	2.7	4.8
Third quarter, 1949 <sup>3</sup> .....						11.7	2.1	4.4	5.2

## COLORADO

1939.....	66.1	29.4	14.6	4.4	7.1	36.7	11.9	14.4	10.4
1940.....	65.7	34.3	18.8	5.3	6.5	31.4	6.7	9.4	15.3
1941.....	102.1	42.6	22.3	6.8	8.8	59.5	22.7	9.7	27.1
1942.....	212.8	22.2	7.3	1.8	9.3	190.6	30.9	8.4	151.3
1943.....	88.8	14.9	1.9	.8	7.8	73.9	24.7	4.4	44.8
1944.....	35.5	16.8	2.7	1.7	8.9	18.7	8.7	4.1	5.9
1945.....	60.7	31.0	9.9	3.4	14.8	29.7	7.7	4.5	17.5
1946.....	106.6	60.3	37.2	22.8	14.6	26.3	.8	8.9	16.6
1947.....	153.9	114.5	42.8	21.1	43.9	39.4	5.1	9.9	24.4
1948.....	200.0	138.0	61.4	31.1	37.3	62.0	8.4	18.9	34.7
First quarter, 1948.....	30.8	23.5	10.8	5.2	6.7	7.3	1.9	1.7	3.7
Second quarter, 1948.....	43.1	33.6	16.7	4.8	9.6	14.5	2.2	5.2	7.1
Third quarter, 1948.....	64.8	41.8	18.4	8.5	11.2	23.0	2.0	6.2	14.8
First quarter, 1949.....	39.9	30.7	10.8	10.6	8.6	9.2	2.5	1.3	5.4
Second quarter, 1949.....	51.2	35.7	14.5	8.5	10.7	15.5	4.1	3.4	8.0
Third quarter, 1949 <sup>3</sup> .....	65.0	43.0	19.1	8.1	12.5	22.0	6.6	5.7	9.7

## UTAH

1939.....	33.1	18.2	9.9	2.4	4.6	14.9	4.1	6.1	4.7
1940.....	36.7	21.5	13.3	3.5	3.4	15.2	3.1	5.1	7.0
1941.....	76.5	28.2	16.0	6.3	4.2	48.3	22.8	5.6	19.9
1942.....	156.2	16.5	8.7	2.0	4.3	139.7	26.7	4.2	108.8
1943.....	135.4	19.8	13.2	.8	4.2	115.6	61.7	4.0	49.9
1944.....	45.0	15.6	9.5	1.4	3.6	29.4	22.4	2.3	4.7
1945.....	25.3	13.5	4.5	3.1	4.8	11.8	1.0	2.4	8.4
1946.....	56.6	45.3	20.6	16.4	6.3	11.3	.3	4.1	6.9
1947.....	67.0	52.2	26.1	12.4	11.5	14.8	1.6	5.7	7.5
1948.....	88.7	69.7	36.9	11.0	19.1	19.0	4.7	5.5	8.8
First quarter, 1948.....	14.8	12.5	6.0	2.6	3.6	2.3	.6	.3	1.4
Second quarter, 1948.....	23.1	18.7	10.3	2.7	4.9	4.4	.8	1.6	2.0
Third quarter, 1948.....	23.1	21.1	11.3	3.0	5.6	7.0	1.5	2.3	3.2
First quarter, 1949.....	15.1	11.9	6.1	2.2	3.4	3.2	2.0	.2	1.0
Second quarter, 1949.....	24.3	18.1	10.4	2.5	4.6	6.2	2.5	1.6	2.1
Third quarter, 1949 <sup>3</sup> .....	30.5	22.6	12.5	3.5	5.5	7.9	2.5	2.3	3.1

<sup>1</sup> Includes farm construction.<sup>2</sup> Includes residential building, military and naval, miscellaneous public service enterprises, conservation and development, sewer and water, and all other public construction.<sup>3</sup> Third quarter figures are preliminary.<sup>4</sup> Less than 0.05 million dollars.

Source: U. S. Department of Commerce.

## F. CONSTRUCTION—Continued

2. Building construction in large cities, 1921-49<sup>1</sup>

[Amount in thousands of dollars]

Year	Denver	Kansas City, Kans.	Omaha	Salt Lake City	Wichita
1921	\$9,662	\$1,717	\$11,378	\$4,710	\$7,402
1922	17,712	3,384	11,243	4,532	5,937
1923	19,774	4,515	13,002	6,396	6,512
1924	25,175	3,985	12,269	5,358	4,293
1925	24,713	3,737	14,652	5,845	5,042
1926	13,873	2,520	9,928	5,627	5,184
1927	15,755	1,587	4,567	4,856	5,849
1928	16,771	1,651	9,050	5,277	7,974
1929	16,576	1,844	5,581	5,691	8,652
1930	7,648	1,350	5,121	4,274	6,308
1931	6,828	667	3,915	3,462	2,340
1932	3,001	288	2,228	540	1,195
1933	1,881	193	1,100	571	351
1934	2,265	275	2,978	1,221	763
1935	5,150	2,144	1,630	1,963	1,435
1936	7,552	671	4,349	3,456	2,350
1937	8,010	881	3,842	4,128	2,306
1938	7,354	2,045	1,926	4,186	3,169
1939	12,574	3,681	5,455	5,612	2,828
1940	15,097	1,123	5,539	6,388	3,073
1947	29,178	3,847	8,823	11,368	16,649
1948	48,371	5,692	23,044	14,958	22,454
1949	43,907	6,888	13,982	18,086	22,540

<sup>1</sup> Value of permits for building construction in cities having a 1940 population of 100,000 or more; covers all classes of building, including additions, alterations, and repairs; covers only construction within official city limits, and does not include suburban developments outside of corporate limits.

Source: U. S. Department of Labor, Bureau of Labor Statistics.

## F. CONSTRUCTION—Continued

3. Number of new dwelling units authorized in urban areas, 1921-49<sup>1</sup>

	1921	1922	1923	1924	1925	1926	1927	1928
Northwest.....								
North Dakota.....								
South Dakota.....								
Nebraska.....								
Omaha.....	1,298	1,784	1,951	2,048	2,098	794	477	412
Kansas.....								
Kansas City.....	395	515	879	934	907	736	387	321
Wichita.....	1,336	1,366	1,527	1,024	1,021	977	988	1,207
Montana.....								
Idaho.....								
Wyoming.....								
Colorado.....								
Denver.....	1,624	2,726	3,060	3,583	3,996	2,530	1,847	1,869
Utah.....								
Salt Lake City.....	826	893	1,384	1,046	1,562	912	850	731

	1929	1930	1931	1932	1933	1934	1935	1936
Northwest.....								
North Dakota.....								
South Dakota.....								
Nebraska.....								
Omaha.....	461	208	334	181	172	106	184	636
Kansas.....								
Kansas City.....	271	187	127	52	56	26	33	83
Wichita.....	1,580	736	304	58	17	16	143	350
Montana.....								
Idaho.....								
Wyoming.....								
Colorado.....								
Denver.....	1,608	613	994	319	154	161	489	866
Utah.....								
Salt Lake City.....	699	554	442	52	48	40	152	378

	1937	1938	1939	1940	1947	1948	1949
Northwest.....				15,060	23,305	26,144	30,000
North Dakota.....				474	939	1,048	1,187
South Dakota.....				736	1,768	1,692	1,469
Nebraska.....				1,905	3,556	3,102	3,415
Omaha.....	388	325	1,040	901	931	777	1,307
Kansas.....				2,347	5,773	6,656	7,748
Kansas City.....	99	95	83	81	304	266	358
Wichita.....	463	453	550	728	1,993	2,387	3,533
Montana.....				1,478	1,336	1,399	1,503
Idaho.....				1,441	1,774	2,198	2,731
Wyoming.....				566	637	1,259	1,231
Colorado.....				3,752	4,949	5,812	7,256
Denver.....	1,012	869	1,611	2,588	2,692	3,079	3,947
Utah.....				2,361	2,573	2,978	3,460
Salt Lake City.....	596	616	817	1,149	1,146	1,350	1,513

<sup>1</sup> Based on building permits issued, Federal contracts awarded, and State and local public housing started. Attention is directed to the fact that this tabulation pertains only to building authorized within urban places. Urban as defined by the Bureau of the Census covers incorporated places of 2,500 population or more in 1940 and, by special rule, a small number of unincorporated civil divisions. Building outside these city limits is excluded, even when it is located in populous suburban areas that may be an integral part of a city's economic and social life. These data do not represent the volume of housing actually started during the years shown, because adjustment has not been made for lapsed building permits, nor for lag between permit issuance or contract award dates and the start of construction.

Source: Bureau of Labor Statistics. State estimates are not available prior to 1940.

## G. AGRICULTURE

## 1. Number of farms

State	Number (in thousands)					Percent change, 1910-45 <sup>1</sup>	
	1910	1920	1930	1940	1945	Number of farms	Land in farms
United States.....	6,362	6,448	6,239	6,097	5,859	-7.9	29.9
Northwest.....	596	644	648	601	557	-6.5	83.3
North Dakota.....	74	78	78	74	70	-5.4	44.2
South Dakota.....	78	75	83	72	69	-11.5	65.4
Nebraska.....	130	124	129	121	112	-13.8	23.6
Kansas.....	178	165	166	156	141	-20.8	12.0
Montana.....	26	58	47	42	38	46.2	334.0
Idaho.....	31	42	42	44	41	32.3	136.6
Wyoming.....	11	16	16	15	13	18.2	287.6
Colorado.....	46	60	60	51	48	4.3	167.6
Utah.....	22	26	27	25	26	18.2	203.4

<sup>1</sup> Increase unless otherwise indicated.

Source: U. S. Census of Agriculture. Large increases in farm acreage in certain Western States represented chiefly the inclusion as farm land of grazing areas which were formerly open range.

## 2. Value of farm real estate

State	Average value of farm land and improvements per acre, as of Mar. 1 (1912-14=100)					
	1915	1920	1930	1940	1947	1949
United States.....	103	170	115	84	159	175
Northwest:						
North Dakota.....	103	145	95	52	92	118
South Dakota.....	101	181	93	41	77	98
Nebraska.....	101	179	113	58	108	139
Kansas.....	103	151	113	71	140	169
Montana.....	100	126	72	55	117	130
Idaho.....	96	172	116	86	160	165
Wyoming.....	103	176	98	68	147	169
Colorado.....	93	141	83	61	141	156
Utah.....	98	167	126	89	136	146

Source: U. S. Department of Agriculture, Current Developments in the Farm Real Estate Market, September 1949.

## G. AGRICULTURE—Continued

## 3. Chief agricultural products, 1929, 1939, 1948, as shown by cash receipts from farm marketings

## NORTH DAKOTA

Product	Receipts (in thousands of dollars)			Percent		
	1929	1939	1948	1929	1939	1948
Total crops and livestock .....	214,761	106,455	682,724	100.0	100.0	100.0
Wheat .....	93,991	48,327	289,238	43.8	45.4	42.4
Cattle, calves .....	19,260	15,385	93,561	9.0	14.5	13.7
Dairy products .....	26,030	13,581	44,471	12.1	12.8	6.5
Other products .....	75,480	29,162	255,454	35.1	27.3	37.4

## SOUTH DAKOTA

Total crops and livestock .....	234,778	102,053	641,576	100.0	100.0	100.0
Cattle, calves .....	49,570	27,449	175,095	21.1	26.9	27.3
Hogs .....	63,765	19,052	113,936	27.2	18.7	17.8
Wheat .....	28,111	11,401	99,616	12.0	11.2	15.5
Dairy products .....	28,402	12,716	36,321	12.1	12.5	5.7
Other products .....	64,930	31,435	216,608	27.6	30.7	33.7

## NEBRASKA

Total crops and livestock .....	489,102	221,494	1,025,747	100.0	100.0	100.0
Cattle, calves .....	138,316	78,850	336,094	28.3	35.6	32.8
Hogs .....	136,824	36,701	186,386	28.0	16.6	18.2
Wheat .....	54,941	24,441	166,032	11.2	11.0	16.2
Dairy products .....	35,782	21,058	59,520	7.3	9.5	5.8
Other products .....	123,239	60,444	277,715	25.2	27.3	27.0

## KANSAS

Total crops and livestock .....	523,643	246,746	1,130,319	100.0	100.0	100.0
Wheat .....	146,703	66,143	502,118	28.0	26.8	44.4
Cattle, calves .....	136,265	87,791	294,032	26.0	35.6	26.0
Other products .....	240,675	92,812	334,169	46.0	37.6	29.6

## MONTANA

Total crops and livestock .....	143,073	81,389	392,965	100.0	100.0	100.0
Wheat .....	42,819	29,043	153,485	29.9	35.7	39.1
Cattle, calves .....	28,372	14,075	112,402	19.8	17.3	28.6
Dairy products .....	12,601	8,039	18,850	8.8	9.9	4.8
Sheep, lambs .....	12,943	7,136	18,446	9.0	8.8	4.7
Other products .....	46,338	23,096	89,782	32.5	28.3	22.8

## IDAHO

Total crops and livestock .....	131,223	88,965	371,954	100.0	100.0	100.0
Wheat .....	23,188	13,166	57,089	17.7	14.8	15.3
Cattle, calves .....	10,983	9,520	56,683	8.4	10.7	15.2
Potatoes .....	9,855	7,269	45,036	7.6	8.2	12.3
Dairy products .....	14,998	12,284	44,705	11.4	13.8	12.0
Sheep, lambs .....	13,986	9,056	26,377	10.7	10.2	7.1
Other products .....	58,113	37,670	141,464	44.2	42.3	38.1

## G. AGRICULTURE—Continued

## 3. Chief agricultural products, 1929, 1939, 1948, as shown by cash receipts from farm marketings—Continued

## WYOMING

Product	Receipts (in thousands of dollars)			Percent		
	1929	1939	1948	1929	1939	1948
Total crops and livestock.....	60,918	47,295	163,298	100.0	100.0	100.0
Cattle, calves.....	18,419	16,744	75,317	30.2	35.4	46.1
Sheep, lambs.....	9,171	9,514	22,004	15.1	20.1	13.5
Dry edible beans.....	1,683	1,031	10,267	2.8	2.2	6.3
Dairy products.....	4,804	3,218	9,594	7.9	6.8	5.9
Wool.....	7,951	6,453	9,238	13.1	13.6	5.7
Other products.....	18,890	10,335	36,878	30.9	21.9	22.5

## COLORADO

Product	Receipts (in thousands of dollars)			Percent		
	1929	1939	1948	1929	1939	1948
Total crops and livestock.....	201,116	125,222	548,661	100.0	100.0	100.0
Cattle, calves.....	46,372	39,776	190,546	23.1	31.8	34.7
Sheep, lambs.....	23,620	16,081	33,246	11.7	12.8	6.1
Dairy products.....	17,347	10,551	32,407	8.6	8.4	5.9
Potatoes.....	10,287	5,918	28,246	5.1	4.7	5.1
Hogs.....	12,028	4,452	18,689	6.0	3.6	3.4
Sugar beets.....	17,822	6,673	13,262	8.9	5.3	2.4
Other products.....	73,640	41,771	232,265	36.6	33.4	42.4

## UTAH

Product	Receipts (in thousands of dollars)			Percent		
	1929	1939	1948	1929	1939	1948
Total crops and livestock.....	63,305	45,091	157,921	100.0	100.0	100.0
Cattle, calves.....	9,920	7,491	28,483	15.7	16.6	18.0
Dairy products.....	9,657	6,330	24,290	15.3	14.0	15.4
Eggs.....	5,573	3,668	16,876	8.8	8.1	10.7
Sheep, lambs.....	8,466	5,995	16,012	13.4	13.3	10.1
Wool.....	5,990	4,083	6,098	9.5	9.1	3.9
Other products.....	23,699	17,524	66,162	37.3	38.9	41.9

Source: U. S. Department of Agriculture, Bureau of Agricultural Economics, 1929 and 1939, from Cash Receipts from Farming by States and Commodities, calendar years 1942-44. 1948, from Farm Income Situation, June 1949.

## 4. Farm wage rates

State	Composite rate per month <sup>1</sup>				Percent of United States average			
	1919	1929	1939	1948	1919	1929	1939	1948
United States.....	\$51.13	\$44.52	\$30.56	\$107.00	100.0	100.0	100.0	100.0
Northwest:								
North Dakota.....	65.50	49.30	30.40	140.00	128.1	110.7	99.5	130.8
South Dakota.....	72.50	51.10	30.70	126.00	141.8	114.8	100.5	117.8
Nebraska.....	66.20	48.80	28.30	123.00	129.5	119.6	92.6	115.0
Kansas.....	56.90	45.20	28.20	118.00	111.3	101.5	92.3	110.3
Montana.....	68.80	59.40	41.40	145.00	134.6	133.4	135.5	135.5
Idaho.....	69.70	60.50	41.30	155.00	136.3	135.9	135.1	144.9
Wyoming.....	67.30	55.30	33.60	131.00	131.6	124.2	126.3	122.4
Colorado.....	59.90	47.50	32.90	125.00	117.2	106.7	107.7	116.9
Utah.....	60.30	61.60	45.50	142.00	117.9	138.4	148.9	132.7

<sup>1</sup> Composite is a weighted average of monthly and daily wage rates, with and without board.

Source: U. S. Department of Agriculture, Farm Labor.



## H. TIMBER RESOURCES AND LUMBER CUT

State	Estimated volume of standing saw timber on commercial forest land, 1945		Lumber sawed				
	Million board feet A	Percent of United States total B	Million board feet		Percent change, 1942-47 <sup>1</sup> E	Percent of United States total	
			1942 C	1947 D		1942 F	1947 G
United States.....	1,600,972	100.00	36,332	35,404	-2.6	100.0	100.0
Northwest.....	164,523	10.28	1,594	1,765	12.6	4.4	5.1
North Dakota.....	434	.03	1	58			(?)
South Dakota.....	3,586	.22	48	3	20.4	.1	.2
Nebraska.....	1,500	.09	5	3	-29.7	(?)	(?)
Kansas.....	2,880	.18	15	18	17.6	(?)	.1
Montana.....	52,515	3.28	433	500	15.4	1.2	1.4
Idaho.....	60,766	3.80	930	951	2.2	2.6	2.7
Wyoming.....	11,052	.69	58	81	39.0	.2	.2
Colorado.....	27,658	1.73	86	145	68.7	.2	.4
Utah.....	4,102	.26	19	38	102.2	.1	.1

<sup>1</sup> Increase, unless otherwise indicated.

<sup>2</sup> Less than .05 percent.

Source: Columns A and B, Agricultural Statistics, 1948. Columns C and D, 1947 Census of Manufactures, Pamphlet MC24A.

## J. MINERALS

## 1. Value of mineral production, 1940 and 1948

State	Amount (in thousands of dollars)		Percent of United States total	
	1940	1948	1940	1948
United States <sup>1</sup> .....	5,613,900	15,670,000	100.0	100.0
Northwest.....	452,881	1,095,022	10.8	8.8
North Dakota.....	2,987	8,581	.1	.1
South Dakota.....	23,527	24,296	.6	.2
Nebraska.....	4,602	9,432	.1	.1
Kansas.....	102,466	363,362	2.4	2.9
Montana.....	73,534	103,125	1.7	.8
Idaho.....	40,800	79,330	1.0	.6
Wyoming.....	38,654	172,818	.9	1.4
Colorado.....	62,715	129,326	1.5	1.1
Utah.....	103,506	204,752	2.5	1.6

<sup>1</sup> The United States figure is greater than the sum of State figures, principally because it includes pig iron, ferro-alloy metals, and aluminum valued at the smelter, instead of ore at the mine; natural gas valued at points of consumption rather than at wells; and the mineral production of Alaska and insular Territories.

Source: U. S. Department of the Interior, Bureau of Mines.

## J. MINERALS—Continued

## 2. Iron ore mined

State	Production by years			
	Amount (in thousands of gross tons)			Percent change 1929-48 <sup>1</sup>
	1929	1939	1948	
United States.....	73,028	51,732	101,003	38.3
Northwest.....	1,015	850	3,923	286.5
Wyoming.....	639	588	690	8.0
Colorado.....	51	-----	-----	-100.0
Utah.....	325	282	3,233	894.8

<sup>1</sup> Increases, unless otherwise indicated.

Source: U. S. Department of the Interior, Bureau of Mines.

## 3. Copper production—Mine production of recoverable copper

[Short tons]

State	Production by years				Maximum production	
	Amount			Percent change, 1929-48 <sup>1</sup>	Year	Amount
	1929	1939	1948			
United States.....	977,300	728,192	834,797	-14.6	1943	1,090,818
Northwest.....	315,025	285,448	289,181	-8.2	-----	-----
Montana.....	148,863	97,827	58,252	-60.9	1916	176,464
Idaho.....	2,566	2,516	1,624	-36.7	1907	5,445
Wyoming.....	2	-----	-----	-----	1900	2,102
Colorado.....	4,453	13,215	2,298	-48.4	1938	14,171
Utah.....	159,141	171,890	227,007	42.6	1943	323,989

<sup>1</sup> Increase, unless otherwise indicated.

Source: U. S. Department of the Interior, Bureau of Mines.

## 4. Lead and zinc production—Mine production of recoverable metal

[Short tons]

State	Lead				Zinc			
	Amount			Percent change, col. A to col. C <sup>1</sup>	Amount			Percent change, col. E to col. G <sup>1</sup>
	1925-29 average	1939	1948		1925-29 average	1939	1948	
	A	B	C	D	E	F	G	H
United States.....	663,248	413,042	390,147	-41.2	724,720	583,807	629,955	-13.1
Northwest.....	366,244	197,089	196,450	-46.4	293,223	187,675	267,622	-8.7
South Dakota.....	21	-----	16	-----	-----	-----	29	-----
Kansas.....	26,121	13,697	8,386	-67.9	114,323	68,971	35,577	-68.9
Montana.....	18,871	16,555	18,411	-2.4	72,519	34,799	59,095	-18.5
Idaho.....	141,610	90,981	88,544	-37.5	29,128	47,549	86,267	196.2
Colorado.....	30,112	8,222	25,143	-16.5	32,868	1,830	45,164	37.4
Utah.....	149,509	67,634	55,950	-62.6	44,385	34,526	41,490	-6.5

<sup>1</sup> Increase, unless otherwise indicated.

Source: U. S. Department of the Interior, Bureau of Mines.

## J. MINERALS—Continued

## 5. Crude petroleum production

State	Amount (in thousands of barrels)			Percent change, 1929-48 <sup>1</sup>
	1929	1939	1948	
United States <sup>2</sup> .....	1,007,323	1,264,962	2,016,282	100.2
Northwest.....	<sup>3</sup> 68,405	<sup>4</sup> 89,523	191,284	179.4
Nebraska.....		2	240	
Kansas.....	42,813	60,703	110,833	158.9
Montana.....	3,980	5,960	9,380	135.7
Wyoming.....	19,314	21,454	64,004	179.6
Colorado.....	2,358	1,404	16,827	613.6

<sup>1</sup> Increase, unless otherwise indicated.<sup>2</sup> Figures for 1929 and 1939 include small amounts produced in Alaska; 1948 figure does not.<sup>3</sup> Omits a small amount produced in Utah.

Source: U. S. Department of the Interior, Bureau of Mines.

## 6. Coal production

State	Production by State			Maximum production		
	Amount (in thousands of net tons)			Percent change, 1929-48 <sup>1</sup>	Year	Amount (in thousands of net tons)
	1929	1939	1948			
United States.....	608,716	446,194	650,730	6.9	1947	<sup>2</sup> 630,624
Northwest <sup>3</sup> .....	30,046	22,132	27,048	-10.0		
North Dakota.....	1,862	2,072	2,990	59.5	1947	2,760
South Dakota.....	13				( <sup>4</sup> )	( <sup>4</sup> )
Kansas.....	2,976	2,675	2,615	-12.1	1918	7,562
Montana.....	3,408	2,804	2,800	-17.8	1944	4,844
Wyoming.....	6,705	5,373	6,300	-6.0	1945	9,847
Colorado.....	9,921	5,923	5,627	-43.3	1917	12,483
Utah.....	5,161	3,285	6,716	30.1	1947	7,429

<sup>1</sup> Increase, unless otherwise indicated.<sup>2</sup> Bituminous and lignite. Does not include anthracite production.<sup>3</sup> Omits small amounts produced in Nebraska and Idaho.<sup>4</sup> Not available.

Source: U. S. Department of the Interior, Bureau of Mines.

## K. INCOME PAYMENTS TO INDIVIDUALS

## 1. Total income payments.

State	Amount (in millions of dollars)			Percent change <sup>1</sup>			Percent of United States total		
	1929	1940	1948	1929-40	1940-48	1929-48	1929	1940	1948
United States.....	82,617	75,852	206,011	-8	172	149	100.00	100.00	100.00
Northwest.....	3,927	3,363	10,770	-14	220	174	4.75	4.44	5.24
North Dakota.....	264	237	858	-10	262	225	.32	.31	.42
South Dakota.....	288	242	963	-16	298	234	.35	.32	.47
Nebraska.....	764	569	1,890	-26	232	147	.92	.75	.92
Kansas.....	997	757	2,446	-24	223	145	1.20	1.00	1.19
Montana.....	325	321	915	-1	185	182	.39	.42	.44
Idaho.....	230	232	734	+1	216	219	.28	.31	.36
Wyoming.....	154	161	426	-2	182	177	.19	.20	.21
Colorado.....	633	589	1,713	-7	191	171	.77	.78	.83
Utah.....	272	265	825	-3	211	203	.33	.35	.40

<sup>1</sup> Increase, unless otherwise indicated.

Source: U. S. Department of Commerce, National Income Division. For definitions of income payments and major components see State Income Payments in 1948, in U. S. Department of Commerce Survey of Current Business, August 1949.

## 2. Per capita income payments

State	Amount (in dollars)			Percent change <sup>1</sup>			Percent of United States average		
	1929	1940	1948	1929-40	1940-48	1929-48	1929	1940	1948
United States.....	\$680	\$575	\$1,410	-15	145	107	100	100	100
Northwest.....	534	454	1,413	-15	211	165	79	79	100
North Dakota.....	389	368	1,473	-5	300	279	57	64	104
South Dakota.....	417	376	1,577	-10	319	278	61	65	112
Nebraska.....	557	433	1,473	-22	240	164	82	75	104
Kansas.....	532	422	1,291	-21	206	143	78	73	92
Montana.....	602	574	1,791	-5	212	198	89	100	127
Idaho.....	518	440	1,252	-15	185	142	76	77	89
Wyoming.....	687	605	1,494	-12	147	117	101	105	106
Colorado.....	616	524	1,429	-15	173	132	91	91	101
Utah.....	537	480	1,231	-11	156	129	79	83	87

<sup>1</sup> Increase, unless otherwise indicated.

Source: U. S. Department of Commerce, National Income Division. For definitions of income payments and major components see State Income Payments in 1948, in U. S. Department of Commerce Survey of Current Business, August 1949.

## K. INCOME PAYMENTS TO INDIVIDUALS—Continued

## 3 (a). Components of income payments

[Components as percentage of State total]

State	Total	Agricultural income	Manufacturing pay rolls	Trade and service income	Government income payments	All other
1929						
United States.....	100.0	8.4	19.7	24.4	7.3	40.2
Northwest.....	100.0	25.1	7.9	23.4	9.7	33.9
North Dakota.....	100.0	37.5	3.6	25.5	11.0	22.4
South Dakota.....	100.0	42.4	3.7	24.1	10.7	19.0
Nebraska.....	100.0	32.6	7.4	23.0	7.7	29.2
Kansas.....	100.0	15.3	8.5	23.1	9.5	35.0
Montana.....	100.0	15.3	8.3	21.5	11.6	43.3
Idaho.....	100.0	28.5	11.0	20.7	10.1	29.7
Wyoming.....	100.0	22.0	5.3	17.0	11.5	44.2
Colorado.....	100.0	13.9	9.5	27.2	9.9	39.5
Utah.....	100.0	14.4	10.2	22.8	9.5	43.1
1940						
United States.....	100.0	7.2	20.3	25.2	12.4	34.9
Northwest.....	100.0	20.3	7.1	23.9	15.1	33.6
North Dakota.....	100.0	38.0	2.4	23.0	13.3	23.3
South Dakota.....	100.0	31.5	4.0	23.1	15.0	26.4
Nebraska.....	100.0	20.4	6.9	25.4	14.2	33.1
Kansas.....	100.0	18.8	8.7	22.6	14.4	35.5
Montana.....	100.0	22.4	6.4	21.2	14.7	35.3
Idaho.....	100.0	24.1	8.1	23.6	14.5	29.7
Wyoming.....	100.0	23.1	4.3	19.5	16.5	36.6
Colorado.....	100.0	10.9	8.4	26.8	17.6	36.3
Utah.....	100.0	11.5	8.8	25.5	15.4	38.8
1948						
United States.....	100.0	10.2	22.4	27.0	13.9	26.5
Northwest.....	100.0	29.5	7.5	24.6	14.3	24.1
North Dakota.....	100.0	48.9	1.8	22.9	11.6	14.8
South Dakota.....	100.0	50.3	3.3	21.1	11.1	14.2
Nebraska.....	100.0	35.4	7.1	24.7	12.4	20.4
Kansas.....	100.0	24.0	10.0	24.3	15.0	26.7
Montana.....	100.0	34.4	5.9	23.2	12.0	24.5
Idaho.....	100.0	31.7	8.2	23.9	12.6	23.6
Wyoming.....	100.0	21.1	5.3	25.6	14.2	33.8
Colorado.....	100.0	16.5	9.6	28.1	17.8	28.0
Utah.....	100.0	11.2	9.4	26.0	20.0	33.4

Source: U. S. Department of Commerce, National Income Division. For definitions of income payments and major components see State Income Payments in 1948, in U. S. Department of Commerce Survey of Current Business, August 1949.

## K. INCOME PAYMENTS TO INDIVIDUALS—Continued

3 (b). Components of income payments <sup>1</sup>

[Components as percentage of State total]

State	Agricultural income			Manufacturing pay rolls			Trade and service income			Government income payments			All other		
	1929	1940	1948	1929	1940	1948	1929	1940	1948	1929	1940	1948	1929	1940	1948
United States.....	8.4	7.2	10.2	19.7	20.3	22.4	24.4	25.2	27.0	7.3	12.4	13.9	40.2	34.9	26.5
Northwest.....	25.1	20.3	29.5	7.9	7.1	7.5	23.4	23.9	24.6	9.7	15.1	14.3	33.9	33.6	24.1
North Dakota.....	37.5	38.0	48.9	3.6	2.4	1.8	25.5	23.0	22.9	11.0	13.3	11.6	22.4	23.3	14.8
South Dakota.....	42.4	31.5	50.3	3.7	4.0	3.3	24.1	23.1	21.1	10.7	15.0	11.1	19.0	26.4	14.2
Nebraska.....	32.6	20.4	35.4	7.4	6.9	7.1	23.0	25.4	24.7	7.7	14.2	12.4	29.2	33.1	20.4
Kansas.....	23.9	18.8	24.0	8.5	8.7	10.0	23.1	22.6	24.3	9.5	14.4	15.0	35.0	35.5	26.7
Montana.....	15.3	22.4	34.4	8.3	6.4	5.9	21.5	21.2	23.2	11.6	14.7	12.0	43.3	35.3	24.5
Idaho.....	28.5	24.1	31.7	11.0	8.1	8.2	20.7	23.6	23.9	10.1	14.5	12.6	29.7	29.7	23.6
Wyoming.....	22.0	23.1	21.1	5.3	4.3	5.3	17.0	19.5	25.6	11.5	16.5	14.2	44.2	36.6	33.8
Colorado.....	13.9	10.9	16.5	9.5	8.4	9.6	27.2	26.8	28.1	9.9	17.6	17.8	39.5	36.3	28.0
Utah.....	14.4	11.5	11.2	10.2	8.8	9.4	22.8	25.5	26.0	9.5	15.4	20.0	43.1	38.8	33.4

<sup>1</sup> Same data in table K3 (a), rearranged to emphasize year-to-year change.

Source: U. S. Department of Commerce, National Income Division. For definitions of income payments and major components see State Income Payments in 1948, in U. S. Department of Commerce Survey of Current Business, August 1949.

## L. SELECTED ECONOMIC INDICATORS

## 1. Production of electric energy

Year	United States	Northwest	North Dakota	South Dakota	Nebraska	Kansas	Montana	Idaho	Wyoming	Colorado	Utah
	Kilowatt-hours (in thousands)										
1920.....	39,404,639	3,035,824	28,277	47,992	205,916	429,783	1,126,024	590,266	35,403	359,929	212,234
1925.....	61,451,091	3,975,771	39,264	75,020	330,166	657,289	1,259,564	751,598	47,509	475,335	340,026
1930.....	91,111,548	4,949,506	124,067	114,276	567,333	1,001,775	1,319,800	909,248	87,262	529,615	292,530
1935.....	95,287,390	4,837,963	172,591	109,655	620,497	1,057,450	1,296,199	672,034	87,520	512,182	309,835
1940.....	141,837,010	7,152,422	244,005	177,309	891,750	1,395,459	1,767,603	1,174,376	171,156	753,093	577,641
1945.....	222,486,283	9,553,210	312,546	255,145	1,339,717	2,253,843	2,318,036	1,262,606	260,893	1,129,485	416,939
1946.....	229,177,783	10,149,147	350,325	320,500	1,392,645	2,343,740	2,465,805	1,334,914	315,898	1,168,151	457,169
1947.....	255,738,984	11,580,685	419,074	365,961	1,621,851	2,641,009	2,764,287	1,507,514	326,028	1,373,601	561,360
1948.....	282,698,214	12,556,901	499,402	426,454	1,747,643	2,810,539	2,869,825	1,622,107	388,656	1,592,067	600,208
	Index (1920=100)										
1920.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1925.....	155.9	131.0	138.9	156.3	160.3	152.9	111.9	127.3	134.2	132.1	160.2
1930.....	231.2	162.9	440.9	238.1	275.5	233.1	117.2	154.0	246.5	147.1	137.8
1935.....	241.8	159.4	610.4	228.5	301.3	246.0	115.1	113.9	247.2	142.3	146.0
1940.....	360.0	235.6	862.9	369.5	433.1	324.7	157.0	109.0	483.5	200.2	272.2
1945.....	564.6	314.7	1,105.3	552.5	647.7	524.4	205.9	213.9	736.9	313.8	196.5
1946.....	566.4	334.3	1,238.9	667.8	676.3	545.3	219.0	226.2	892.3	324.6	215.4
1947.....	649.0	381.5	1,482.0	762.5	787.6	614.5	245.5	255.4	920.9	381.6	264.5
1948.....	717.4	413.6	1,766.1	888.6	848.7	653.9	254.9	274.8	1,067.8	442.3	282.8

Source: Federal Power Commission.

## L. SELECTED ECONOMIC INDICATORS—Continued

## 2. Bank deposits

State	Millions of dollars				Percent of national total			
	1919	1929	1939	1948	1919	1929	1939	1948
United States.....	33,571	53,963	58,344	148,978	100.0	100.0	100.0	100.0
Northwest.....	1,944	1,795	1,549	6,568	5.8	3.3	2.7	4.4
North Dakota.....	197	121	74	584	.6	.2	.1	.4
South Dakota.....	242	149	95	506	.7	.3	.2	.3
Nebraska.....	430	389	270	1,146	1.3	.7	.5	.8
Kansas.....	400	417	374	1,560	1.2	.8	.6	1.0
Montana.....	171	158	138	550	.5	.3	.2	.4
Idaho.....	91	85	99	431	.3	.2	.2	.3
Wyoming.....	67	61	64	245	.2	.1	.1	.2
Colorado.....	246	283	293	1,023	.7	.5	.5	.7
Utah.....	100	132	142	523	.3	.2	.2	.3

NOTE.—1919 and 1929 figures as of end of June; 1939 and 1948 as of end of December. The earlier figures are not strictly comparable to those for later years, and are being revised by the Federal Reserve Board. Source: Board of Governors of the Federal Reserve System.

## 3. Gross postal receipts

State	Amount (in thousands of dollars)			As percent of United States total			Receipts per capita of population		
	1930	1940	1948	1930	1940	1948	1930	1940	1948
United States.....	684,610	726,172	1,327,532	100.0	100.0	100.0	\$5.56	\$5.50	\$9.09
Northwest.....	34,654	35,326	58,607	5.1	4.9	4.4	4.68	4.76	7.69
North Dakota.....	2,721	2,747	4,063	.4	.4	.3	3.99	4.31	6.98
South Dakota.....	2,750	2,614	4,101	.4	.4	.3	3.97	4.09	6.71
Nebraska.....	7,279	6,925	11,642	1.1	1.0	.9	5.27	5.27	9.07
Kansas.....	7,785	7,569	12,344	1.1	1.0	.9	4.14	4.21	6.51
Montana.....	2,446	2,813	4,254	.4	.4	.3	4.54	5.02	8.32
Idaho.....	1,513	1,878	3,067	.2	.3	.2	3.38	3.55	5.23
Wyoming.....	993	1,189	1,930	.1	.2	.1	4.39	4.66	6.77
Colorado.....	6,819	7,158	12,425	1.0	1.0	.9	6.55	6.30	10.36
Utah.....	2,347	2,434	4,780	.3	.3	.4	4.61	4.39	7.13

NOTE.—Year covered is the fiscal year ending June 30. Source: Annual reports of the Postmaster General for 1930, 1940, and 1948.



## L. SELECTED ECONOMIC INDICATORS—Continued

4. Revenue freight originated, class I steam railways, 1940 and 1948<sup>1</sup>

[In thousands of tons]

State	Total		Products of agriculture		Animals and products		Products of mines		Products of forests		Manufactures and miscellaneous		Forwarder traffic <sup>2</sup>	
	1940	1948	1940	1948	1940	1948	1940	1948	1940	1948	1940	1948	1940	1948
United States.....	993,569.9	1,486,240.2	88,573.4	144,784.3	15,429.6	16,839.8	569,956.2	845,117.1	58,129.6	85,971.6	261,481.0	389,221.2	2,749.0	4,306.2
Northwest.....	54,376.6	98,306.4	19,787.8	39,288.1	3,050.2	3,923.8	19,195.7	34,426.2	3,028.9	3,285.0	9,313.9	17,400.7	.1	2.4
North Dakota.....	4,985.8	9,272.4	3,084.9	6,183.3	262.8	321.4	1,521.3	2,346.6	1.8	1.9	115.0	418.2	-----	1.0
South Dakota.....	1,979.1	5,214.8	1,090.5	3,379.3	373.0	495.4	273.2	828.5	23.7	35.5	218.7	476.1	-----	( <sup>3</sup> )
Nebraska.....	5,734.5	10,932.9	2,624.0	5,818.4	864.9	1,093.3	1,083.0	1,881.2	8.4	24.2	1,154.3	2,115.4	( <sup>3</sup> )	.4
Kansas.....	13,039.5	25,134.0	5,801.2	13,053.3	445.3	559.0	3,546.9	6,085.1	25.4	47.9	3,220.7	5,388.2	( <sup>3</sup> )	.4
Montana.....	5,977.6	7,387.5	2,112.2	2,950.6	226.5	382.8	1,463.3	1,263.6	1,030.1	1,273.3	1,145.5	1,486.9	.1	.3
Idaho.....	5,280.2	7,178.5	2,008.0	3,189.6	235.6	238.4	766.9	1,290.7	1,890.7	1,756.0	379.0	703.7	-----	( <sup>3</sup> )
Wyoming.....	3,691.8	7,827.3	473.5	441.0	169.2	188.4	1,960.6	5,982.5	19.5	26.5	1,068.9	1,188.9	-----	( <sup>3</sup> )
Colorado.....	7,883.2	11,524.7	2,104.7	3,314.2	344.6	472.0	4,263.6	4,802.2	25.9	111.2	1,144.3	2,824.8	( <sup>3</sup> )	.3
Utah.....	5,804.9	13,834.3	488.8	908.4	128.3	173.1	4,316.9	9,945.8	3.4	8.5	867.5	2,798.5	-----	( <sup>3</sup> )

<sup>1</sup> Carload lots only. Less than carload lots are not included.<sup>2</sup> The term "forwarder traffic" means freight traffic consigned by or to a forwarder, i. e., a company, firm or individual recognized as engaged in the business of collecting and accumulating less than carload shipments into consolidated carloads without an ownership in the property so handled.<sup>3</sup> Less than 50.

Source: Interstate Commerce Commission.

# FAR WEST



UNITED STATES DEPARTMENT OF LABOR  
BUREAU OF LABOR STATISTICS

## CHAPTER 8. FAR WEST

This region includes the following States: Washington, Oregon, Nevada, and California.

### *Area and population*

The Far West has 14 percent of the area of the country and 10 percent of the population. California, however, is more densely settled than the national average. Land in forest is of very great importance in the three Coast States. Pasture and range land is important except in California, but none of these States has very large areas of farm cropland (tables A 1 and 2 and B 1).

The Far West has been throughout this century the fastest-growing region in the country. Its population has gone up from 2.5 million, only 3 percent of the national total, to 15 million—more than one-tenth of the whole. California, which was largest to start with, has had the biggest percentage gain, but in each of the other three States also population has risen faster than anywhere else except in Arizona and Florida. These great increases are attributable only in minor degree to a natural increase of the population. They have resulted primarily from the enormous influx of people from other regions (tables B 1, 2, and 3).

There were proportionately fewer children in the Far Western States in 1948 than in most parts of the country, and more older persons. The percentage in the middle years, 18 to 64, was lower in 1948, however, than in 1930. Oregon is an exception. Each of the States had a larger proportion, age 65 and over, in 1948 than in 1930 (table B 4).

Each of the States in the region has grown increasingly urban during this century. In California, more than 70 percent of the 1940 population lived in urban places (table B 6).

### *Nonagricultural employment*

Between 1939 and 1948 nonagricultural employment rose 60 percent or more in California and Washington, and 42 percent in Nevada. The national rise over the same period amounted to 45 percent (table C 1 (a)).

In California, where the greatest gains occurred, nonagricultural employment was up by 1.3 million over this span of 9 years; more than 300,000 of this gain was in manufacturing. The increases in factory employment were especially notable in machinery, transportation equipment, and metal fabrication (table E 2).

The drop in manufacturing employment which occurred in the first half of 1949 had a slighter impact on this region than on the rest of the country (table C 1 (b) and C 2). As compared with a national decline of 8 percent between June 1948 and June 1949, manufacturing employment in the Far West States decreased by less than one-half of 1 percent. On the other hand, California was one of the few States to show a decline in construction and trade in the first half of 1949 as compared with the previous year.

Manufacturing employment has been rising very sharply in this region, primarily because of increases in California (table E 3 (b)). Nevertheless, it still constitutes a smaller percentage of nonagricultural employment than the national average of 33 percent.

The average weekly earnings of factory workers in California (the only State in this region for which data are available) is roughly 10 percent greater than in the country as a whole, although the work-week has generally been somewhat less (table C 4).

### *Unemployment*

Relatively heavy unemployment has characterized this region during the postwar years (table D 2). In early 1947, the ratio of unemployment benefit to workers covered by State unemployment insurance laws was 7.5 percent, double the national average. Although the unemployment rate in the Far West States declined through most of 1947 and 1948, the relative drop was only slightly greater than for the Nation as a whole. By early 1949, the rate in this region was nearly 12 percent, again double the national level. Since then, however, the rate has dropped notably in the Far West, although the national average has shown little change.

Contrary to the trend in the country as a whole, the number of recipients of first payments was greater in California, Oregon, and Washington in 1948 than in 1940 (table D 1).

The average claimant in this region remained on the rolls more than 12 weeks in 1948, about 2 weeks longer than the national average (table D 4). Some 32 percent of all those who received at least one payment remained on the rolls until their rights were exhausted; the national average was about 28 percent.

### *Construction*

Contrary to the national trend, construction activity of this region in most of 1949 was below the peak levels attained the year before (table F 1). This was especially true of California, where sharp drops in private building were only partially offset by increased Government expenditures. Except in Washington, home-building activity in 1949 was showing less strength than elsewhere in the country, when compared with 1948 (table F 3).

Seven of the ten largest cities in this region experienced a decrease in the volume of building construction in 1949, as compared with 1948 (table F 2).

In contrast with many of the older cities of the Eastern States, however, building construction in these 10 cities in 1949 was considerably greater than in 1921.

### *Agriculture*

The number of farms in this region was more than 50 percent greater in 1945 than in 1910; farm acreage was also up sharply, by about 45 percent (table G 1). Over this whole period, farm real-estate values have risen more rapidly in California than in the rest of the country; in Washington, Oregon, and Nevada, on the other hand, the rise has been somewhat less than elsewhere (table G 2). Between 1947 and 1949, however, while values were rising in the Nation; they dropped in California, and remained relatively stable in the other States.

The number of farm workers in this area has risen about 10 percent or 50,000 as compared with 1925 (table C 4). This is the only area in the country which still shows a significant increase in farm employment.

Farm wage rates averaged much higher in these States than in the country as a whole (table G 4). This has been continuously true in past years as well.

#### *Income*

The Far West, with 10 percent of the population of the Nation, received in 1948 more than 11 percent of the total of income payments to individuals. Its per capita income, at \$1,579, was therefore well above the national average. None of the States in the region was as far above that average, however, as in 1940, and Oregon was actually below it.

Trade and services, in 1948, furnished the largest component of aggregate income payments, and Government sources were about as important in the total as manufacturing pay rolls (tables K 1, 2, and 3 (a) and (b)).

#### *Other economic indicators*

Output of electric energy has risen much more sharply since 1940 in this region than in the country as a whole (table L 1).

Bank deposits have increased very sharply in this region, from \$4,900,000,000 to \$16,200,000,000 (table L 2). Nationally, the 1948 total was less than three times that of 1939.

## A. LAND

### 1. Land area and population density

State	Land area		Density—Population per square mile				
	Square miles	Percent of United States	1900	1920	1930	1940	1949 <sup>1</sup>
United States.....	2,977,128	100.0	25.5	35.5	41.2	44.2	50.0
Far West.....	429,932	14.4	5.7	13.1	19.4	23.1	35.3
Washington.....	66,977	2.2	7.7	20.3	23.3	25.9	38.6
Oregon.....	96,350	3.2	4.3	8.2	9.9	11.3	18.0
Nevada.....	109,802	3.7	.4	.7	.8	1.0	1.6
California.....	156,803	5.3	9.5	22.0	36.2	44.1	68.0

<sup>1</sup> Provisional estimate.

Source: U. S. Bureau of the Census.

### 2. Land use, 1945

State	Total	Forest land	Crop land in farms	Pasture and range	Other <sup>1</sup>
Acres (in thousands)					
United States.....	1,905,362	623,828	525,111	609,484	146,939
Far West.....	275,156	104,090	25,196	110,066	35,804
Washington.....	42,865	24,100	7,180	10,023	1,562
Oregon.....	61,664	29,755	5,255	25,888	766
Nevada.....	70,273	4,720	862	58,789	5,902
California.....	100,354	45,515	11,899	15,366	27,574
Percent in each use					
United States.....	100.0	32.7	27.6	32.0	7.7
Far West.....	100.0	37.8	9.2	40.0	13.0
Washington.....	100.0	56.2	16.8	23.4	3.6
Oregon.....	100.0	48.3	8.5	42.0	1.2
Nevada.....	100.0	6.7	1.2	83.7	8.4
California.....	100.0	45.3	11.9	15.3	27.5
Percent of United States total					
United States.....	100.0	100.0	100.0	100.0	100.0
Far West.....	14.4	16.7	4.8	18.1	24.4
Washington.....	2.2	3.9	1.4	1.6	1.1
Oregon.....	3.2	4.8	1.0	4.3	.5
Nevada.....	3.7	.7	.1	9.7	4.0
California.....	5.3	7.3	2.3	2.5	18.8

<sup>1</sup> Farmsteads, roads, urban, waste, etc.

Source: U. S. Department of Agriculture, Forest Service, Basic Forest Statistics for the United States.

B. POPULATION

1. Number

State	1900	1929	1940	1949 <sup>1</sup>
United States.....	75,995,000	121,770,000	131,954,000	148,720,000
Far West.....	2,459,000	8,124,000	9,946,000	15,157,000
Washington.....	518,000	1,555,000	1,752,000	2,582,000
Oregon.....	414,000	947,000	1,102,000	1,736,000
Nevada.....	42,000	90,000	112,000	174,000
California.....	1,485,000	5,531,000	6,980,000	10,665,000
Percent change <sup>2</sup>				
	1900-1949	1900-1929	1929-40	1940-49 <sup>1</sup>
United States.....	95.7	60.2	8.4	12.7
Far West.....	516.4	230.4	22.4	52.4
Washington.....	398.5	200.2	12.6	47.4
Oregon.....	319.3	129.0	16.4	57.5
Nevada.....	314.3	113.4	24.0	55.4
California.....	618.2	272.4	26.2	52.8
Percent of United States total				
	1900	1929	1940	1949 <sup>1</sup>
United States.....	100.0	100.0	100.0	100.0
Far West.....	3.2	6.7	7.5	10.2
Washington.....	.7	1.3	1.3	1.7
Oregon.....	.5	.8	.8	1.2
Nevada.....	.1	.1	.1	.1
California.....	2.0	4.5	5.3	7.2

<sup>1</sup> Provisional estimate.

<sup>2</sup> Increase, unless otherwise indicated.

NOTE.—Figures cover total population, including armed forces stationed in the State; 1900, as of June 1; 1929 and later years, as of July 1.

Source: U. S. Bureau of the Census.

2. Estimated migration and natural increase, 1940-48

[In thousands]

State	Net change in civilian population <sup>1</sup>	Natural increase	Net migration <sup>2</sup>	Net loss to armed forces
United States.....	13,888	13,982	+1,328	1,423
Far West.....	4,660	1,080	+3,716	138
Washington.....	697	193	+536	32
Oregon.....	549	108	+462	21
Nevada.....	54	12	+43	2
California.....	3,360	767	+2,675	83

<sup>1</sup> Increase, unless otherwise indicated.

<sup>2</sup> Net migration, comprises both net immigration from other countries and net interregional or interstate migration. A plus sign (+) indicates net in-migration; a minus sign (-) indicates net out-migration.

Source: U. S. Bureau of the Census, Release P-25, No. 26.

## B. POPULATION—Continued

## 3. Estimated net migration, 1930-48

State	1930 population	Net migration <sup>1</sup>			
		1930-40	1940-48	1930-48	
				Number	As percent of 1930 population
United States.....	122,775,046	-46,518	+1,328,000	+1,281,482	1.0
Far West.....	8,285,491	+1,297,265	+3,716,000	+5,013,265	60.5
Washington.....	1,563,396	+136,245	+536,000	+672,245	43.0
Oregon.....	953,786	+113,933	+462,000	+575,933	60.4
Nevada.....	91,058	-15,281	+43,000	+58,281	64.0
California.....	5,677,251	+1,031,806	+2,675,000	+3,706,806	65.3

<sup>1</sup> Net migration comprises both net immigration from other countries and net interregional or interstate migration. A plus sign (+) indicates net in-migration; a minus sign (-) indicates net out-migration.

Source: Basic data from U. S. Bureau of the Census. Computations by the Bureau of Labor Statistics. Note that the estimates are only approximate both as to representativeness and as to comparability.

## 4. Age groups

State	1930				1940				1948			
	All ages	Under 18	18-64 <sup>1</sup>	65 and over	All ages	Under 18	18-64	65 and over <sup>2</sup>	All ages	Under 18	18-64	65 and over
	Number (in thousands)											
United States.....	122,775	43,016	73,126	6,634	131,669	40,287	82,363	9,019	146,113	45,292	89,881	10,940
Far West.....	8,285	2,326	5,420	540	9,844	2,447	6,597	799	14,620	4,181	9,235	1,204
Washington.....	1,563	472	990	101	1,736	451	1,141	144	2,463	731	1,523	209
Oregon.....	954	283	603	67	1,090	285	712	93	1,639	459	1,037	143
Nevada.....	91	26	60	5	110	30	74	7	164	51	102	11
California.....	5,677	1,545	3,767	366	6,907	1,681	4,671	555	10,354	2,940	6,573	841
	Percent of total											
United States.....	100.0	35.0	59.6	5.4	100.0	30.6	62.6	6.8	100.0	31.0	61.5	7.5
Far West.....	100.0	28.1	65.4	6.5	100.0	24.9	67.0	8.1	100.0	28.6	63.2	8.2
Washington.....	100.0	30.2	63.3	6.5	100.0	26.0	65.7	8.3	100.0	29.7	61.8	8.5
Oregon.....	100.0	29.7	63.3	7.1	100.0	26.2	65.3	8.5	100.0	28.0	63.3	8.7
Nevada.....	100.0	28.7	66.0	5.3	100.0	26.9	66.9	6.2	100.0	31.1	62.2	6.7
California.....	100.0	27.2	66.3	6.4	100.0	24.3	67.6	8.0	100.0	28.4	63.5	8.1

<sup>1</sup> Figures include a number of persons of unknown age.

<sup>2</sup> 1940 figures for persons aged 65 and over in the United States are believed by Census Bureau to be about 56,000 too high (Census release P-47, No. 3, p. 8).

NOTE.—Figures cover total population, including armed forces stationed in the State—1930 and 1940 figures as of Apr. 1; 1948, as of July 1.

Source: U. S. Bureau of the Census. 1930 and 1940 data are decennial census figures. Figures for 1948 are estimated based on the 1940 census, brought up to date by use of data on births, deaths, net immigration, and strength and distribution of the armed forces, and by use of estimates of net internal migration, based on school enrollment data. In the absence of direct information on net interstate migration this factor had to be estimated, and assumptions had to be introduced regarding the migration rate for each age group—assumptions that may apply more exactly to some States than to others. Furthermore, estimates of population become progressively less reliable as the time since the last census increases. These estimates of population should therefore be regarded as only rough approximations.



B. POPULATION—Continued

5. Median age, 1930 and 1940

State	1930	1940	Years' increase
United States.....	26.5	29.0	2.5
Far West:			
Washington.....	30.1	32.2	2.1
Oregon.....	30.7	32.4	1.7
Nevada.....	31.1	31.1	0.
California.....	31.4	33.0	1.6

Source: 1940 Census of Population, vol. IV.

6. Urban, rural, 1900-40

State	Urban			Rural		
	1900	1930	1940	1900	1930	1940
Number						
United States.....	30,159,921	68,954,823	74,423,702	45,834,654	53,820,223	57,245,573
Far West.....	1,128,672	5,569,345	6,399,200	1,330,355	2,716,146	3,444,309
Washington.....	211,477	884,539	921,969	306,626	678,857	814,222
Oregon.....	133,180	489,746	531,675	280,356	464,040	558,009
Nevada.....	7,195	34,464	43,291	35,140	56,594	66,956
California.....	776,820	4,160,596	4,902,265	708,233	1,516,655	2,005,122
Percent of total population						
United States.....	39.7	56.2	56.5	60.3	43.8	43.5
Far West.....	45.9	67.2	65.0	54.1	32.8	35.0
Washington.....	40.8	56.6	53.1	59.2	43.4	46.9
Oregon.....	32.2	51.3	48.8	67.8	48.7	51.2
Nevada.....	17.0	37.8	39.3	83.0	62.2	60.7
California.....	52.3	73.3	71.0	47.7	26.7	29.0

Source: 1940 Census of Population, vol. I.

## C. EMPLOYMENT

1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49<sup>1</sup>

## A. BY YEAR

## WASHINGTON

Year	Total	Manu- factur- ing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	415.0	117.0							
1943.....	725.9	285.6	3.9	45.0	61.2	118.4	17.7	57.3	136.8
1947.....	661.4	173.5	3.5	38.2	68.7	158.2	24.9	76.3	118.0
1948.....	674.2	174.3	3.4	50.3	66.8	159.4	24.1	77.3	118.5
First half 1948.....	654.8	166.2	3.3	47.3	67.6	153.7	24.0	76.1	116.7
First half 1949.....	648.8	166.7	3.0	42.8	63.4	149.9	23.7	74.6	124.5
Percent of total									
Average:									
1939.....	100.0	28.2							
1943.....	100.0	39.3	.5	6.2	8.4	16.3	2.4	7.9	18.8
1947.....	100.0	26.2	.1	5.8	10.4	23.9	3.8	11.5	17.8
1948.....	100.0	25.9	.5	7.5	9.9	23.6	3.6	11.5	17.6
First half 1948.....	100.0	25.4	.5	7.2	10.3	23.5	3.7	11.6	17.8
First half 1949.....	100.0	25.7	.5	6.6	9.8	23.1	3.7	11.5	19.2

NOTE.—Data include all full-time and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employee persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the benchmarks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Washington Employment Security Department.

C. EMPLOYMENT—Continued

1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

A. BY YEAR—Continued

OREGON

Year	Total	Manu- factur- ing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	252.0	83.2							
1943.....	418.1	192.1	1.3	17.9	41.3	68.7	9.2	36.3	51.2
1947.....		132.3							
1948.....		141.2							
First half 1948.....		131.3							
First half 1949.....		133.7							
Percent of total									
Average:									
1939.....	100.0	33.0							
1943.....	100.0	45.9	.3	4.3	9.9	16.4	2.2	8.7	12.2
1947.....									
1948.....									
First half 1948.....									
First half 1949.....									

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the benchmarks to which the series have been adjusted, the sum of the State series may differ from the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Oregon Unemployment Compensation Commission.

## C. EMPLOYMENT—Continued

1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## A. BY YEAR—Continued

## NEVADA

Year	Total	Manu- factur- ing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	33.7	1.3							
1943.....	55.2	7.9	4.6	7.5	8.5	9.9	0.7	6.2	10.0
1947.....	148.4	3.3	3.7		8.7	11.6	1.0	10.4	9.8
1948.....	148.0	3.3	3.5		8.4	11.3	1.1	10.9	9.6
First half 1948...	147.2	3.3	3.4		8.2	11.1	1.1	10.6	9.5
First half 1949...	146.8	2.9	3.3		7.9	10.4	1.0	11.0	10.2
Percent of total									
Average:									
1939.....	100.0	3.9							
1943.....	100.0	14.3	8.3	13.6	15.4	17.9	1.3	11.2	18.1
1947.....	100.0	6.8	7.6		18.0	24.0	2.1	21.5	20.2
1948.....	100.0	6.9	7.3		17.5	23.5	2.3	22.7	20.0
First half 1948...	100.0	7.0	7.2		17.4	23.5	2.3	22.5	20.1
First half 1949...	100.0	6.2	7.1		16.9	22.2	2.2	23.5	21.8

<sup>1</sup> Does not include employment in construction industries.

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented.

Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the benchmarks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Nevada Employment Security Department.

C. EMPLOYMENT—Continued

1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued.

A. BY YEAR—Continued

CALIFORNIA

Year	Total	Manu- factur- ing	Mining	Construc- tion	Trans- porta- tion and public utilities	Trade	Finance, insur- ance, and real estate	Service	Govern- ment
Number (in thousands)									
Average:									
1939.....	1,769.0	381.0							
1943.....	12,883.8	1,165.5	29.0		245.7	573.1	93.8	310.0	466.7
1947.....	3,035.1	712.0	33.9	192.8	310.3	784.4	132.6	386.0	483.0
1948.....	3,087.4	730.6	34.8	199.9	314.7	787.9	140.6	377.9	500.9
First half 1948....	3,045.0	702.6	34.3	201.0	315.2	783.4	138.9	379.5	490.2
First half 1949....	2,997.8	697.9	34.2	177.6	310.4	738.8	144.4	371.7	522.9
Percent of total									
Average:									
1939.....	100.0	21.5							
1943.....	100.0	40.4	1.0		8.5	19.9	3.3	10.7	16.2
1947.....	100.0	23.5	1.1	6.4	10.2	25.8	4.4	12.7	15.9
1948.....	100.0	23.7	1.1	6.5	10.2	25.5	4.6	12.2	16.2
First half 1948....	100.0	23.1	1.1	6.6	10.4	25.7	4.6	12.5	16.1
First half 1949....	100.0	23.3	1.1	5.9	10.4	24.6	4.8	12.4	17.4

NOTE.—Data include all full- and part-time employees in nonagricultural establishments who worked or received pay for the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

Estimates for this State are available only for the periods and industries presented. Because of the slightly varying methods of computation used in the various State series and in the national series, and the differences in the dates of the bench marks to which the series have been adjusted, the sum of the State series may differ from the national totals. For the same reasons, the individual State series are not strictly comparable with the national totals.

Because of changes in definitions and procedures, the 1939 and 1943 figures are not strictly comparable with subsequent figures.

<sup>1</sup> Does not include employment in construction industries.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Division of Labor Statistics and Research, California Department of Industrial Relations.

## C. EMPLOYMENT—Continued

## 1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

## B. BY MONTH

[In thousands]

## WASHINGTON

Month	Total	Manu- factur- ing	Mining	Con- struc- tion	Trans- porta- tion and public utilities	Trade	Fin- ance, insur- ance, and real estate	Service	Gov- ern- ment
1948									
January.....	648.7	169.6	3.2	40.7	66.5	154.6	23.4	73.8	116.7
February.....	642.8	167.3	3.2	41.9	66.5	150.1	23.5	74.3	115.9
March.....	654.5	171.4	3.3	46.2	67.1	151.4	23.9	74.9	116.3
April.....	663.0	174.0	3.2	48.9	67.6	152.3	24.1	76.4	116.3
May.....	647.7	150.7	3.3	51.7	67.3	154.7	24.2	78.1	117.5
June.....	671.8	163.8	3.4	54.5	70.6	158.7	24.5	78.7	117.4
July.....	691.5	181.6	3.3	55.3	69.2	160.9	24.7	79.7	116.6
August.....	699.3	184.2	3.4	57.7	69.8	162.2	24.6	79.9	117.4
September.....	706.1	189.9	3.5	56.1	65.5	166.1	24.4	80.4	120.1
October.....	697.0	188.7	3.5	53.1	64.0	165.2	24.0	77.8	120.8
November.....	686.6	181.7	3.5	51.0	62.7	165.9	23.8	77.1	121.1
December.....	680.9	169.1	3.4	46.1	65.3	170.5	23.7	76.4	126.5
1949									
January.....	631.4	157.6	3.2	37.4	61.6	151.4	23.3	72.8	124.0
February.....	623.5	155.4	3.1	37.1	62.4	146.0	23.3	72.4	123.8
March.....	646.8	167.2	3.2	42.8	62.7	148.0	23.8	74.6	124.4
April.....	658.8	170.7	3.2	47.0	63.7	150.2	24.0	75.2	124.8
May.....	661.7	172.6	3.2	45.7	64.2	150.2	24.0	76.2	125.5
June.....	670.6	176.8	3.2	46.9	65.6	153.0	24.1	76.6	124.7
July.....	663.3	171.2	3.2	46.2	65.6	153.2	24.2	77.0	122.6
August.....	663.6	172.4	3.3	45.9	65.5	151.7	24.0	77.4	123.4
September.....	676.8	178.8	3.4	44.7	65.9	156.3	24.0	78.5	125.5
October.....	664.2	173.0	3.5	41.8	65.1	157.0	23.7	75.9	124.3
November.....	645.4	165.5	3.6	38.3	63.9	154.4	23.6	75.0	121.3
December.....	642.8	161.2	3.4	33.1	62.7	158.9	23.5	74.0	125.5

## OREGON

1948									
January.....		125.7							
February.....		126.5							
March.....		127.6							
April.....		131.0							
May.....		134.1							
June.....		141.1							
July.....		150.8							
August.....		160.5							
September.....		160.2							
October.....		155.0							
November.....		143.2							
December.....		137.1							
1949									
January.....		128.5							
February.....		127.0							
March.....		130.9							
April.....		132.6							
May.....		136.3							
June.....		146.8							
July.....		142.2							
August.....		158.8							
September.....		158.6							
October.....		149.5							
November.....		141.9							
December.....		136.1							

For note and source see table O 1A.

C. EMPLOYMENT—Continued

1. Employees in nonagricultural establishments, by industry division, selected dates, 1939-49—Continued

B. BY MONTH—Continued

[In thousands]

NEVADA<sup>1</sup>

Month	Total	Manu- factur- ing	Mining	Con- struc- tion	Trans- porta- tion and public utili- ties	Trade	Fin- ance, insur- ance, and real estate	Service	Gov- ern- ment
<b>1948</b>									
January.....	46.1	3.2	3.4	-----	8.3	10.8	1.1	10.1	9.3
February.....	45.6	3.2	3.4	-----	8.2	10.6	1.1	9.9	9.3
March.....	46.2	3.3	3.3	-----	8.1	10.7	1.1	10.3	9.4
April.....	47.1	3.3	3.4	-----	8.2	11.0	1.1	10.5	9.6
May.....	48.0	3.2	3.5	-----	8.2	11.4	1.1	10.8	9.7
June.....	50.0	3.4	3.6	-----	8.4	11.9	1.1	11.8	9.8
July.....	50.2	3.4	3.6	-----	8.5	12.0	1.1	11.9	9.8
August.....	50.2	3.5	3.5	-----	8.6	11.9	1.1	12.0	9.7
September.....	49.0	3.4	3.5	-----	8.5	11.7	1.1	11.1	9.7
October.....	47.7	3.4	3.5	-----	8.5	11.1	1.0	10.7	9.6
November.....	47.9	3.4	3.6	-----	8.5	11.0	1.0	10.9	9.6
December.....	47.9	3.3	3.5	-----	8.4	11.1	1.0	10.6	9.9
<b>1949</b>									
January.....	46.4	3.0	3.3	-----	8.1	10.1	1.1	11.0	10.0
February.....	44.8	2.9	3.3	-----	7.8	9.8	1.1	10.0	10.0
March.....	45.6	2.8	3.4	-----	7.7	10.0	1.1	10.4	10.2
April.....	47.2	2.9	3.4	-----	7.8	10.5	1.1	11.2	10.3
May.....	47.8	3.0	3.3	-----	7.9	10.7	1.1	11.4	10.4
June.....	49.2	3.0	3.2	-----	8.1	11.4	1.1	12.0	10.3
July.....	49.2	3.1	2.6	-----	8.2	11.4	1.1	12.4	10.3
August.....	48.8	3.0	2.6	-----	7.9	11.4	1.1	12.4	10.4
September.....	48.6	3.0	2.6	-----	7.9	11.4	1.1	12.0	10.6
October.....	47.2	3.0	2.4	-----	8.0	11.0	1.1	11.4	10.4
November.....	46.5	3.0	2.4	-----	8.0	11.0	1.1	10.8	10.2
December.....	46.5	3.0	2.4	-----	8.1	11.2	1.1	10.6	10.2

<sup>1</sup> Does not include employment in construction industries.

CALIFORNIA

<b>1948</b>									
January.....	3,042.8	705.0	33.9	199.0	315.9	787.9	136.7	378.7	485.7
February.....	3,029.2	703.5	34.0	198.4	314.6	778.0	137.5	378.6	484.6
March.....	3,034.1	700.4	34.3	200.8	314.0	780.3	138.5	377.0	488.8
April.....	3,029.8	695.8	34.2	197.6	315.0	778.8	139.5	377.2	491.7
May.....	3,051.5	696.5	34.4	204.5	316.0	782.6	140.1	381.3	496.1
June.....	3,082.4	714.1	35.2	205.7	315.4	792.5	140.9	383.0	494.6
July.....	3,110.9	742.1	36.1	208.1	321.0	788.6	141.8	380.9	492.3
August.....	3,147.9	772.8	36.1	208.1	321.1	793.9	142.2	378.1	497.6
September.....	3,168.0	802.9	35.8	199.7	309.9	785.2	141.7	378.0	509.8
October.....	3,129.1	769.2	34.1	194.9	308.9	788.9	142.2	378.6	514.3
November.....	3,097.1	738.3	34.5	195.7	308.5	788.9	143.0	373.9	514.3
December.....	3,131.1	727.1	34.9	186.8	315.8	809.5	143.6	372.4	541.0
<b>1949</b>									
January.....	3,010.8	704.0	34.2	175.4	310.4	748.7	144.2	370.8	523.1
February.....	2,982.9	694.0	34.3	173.7	308.5	738.2	144.6	369.4	520.2
March.....	2,977.9	691.3	34.1	173.4	308.6	735.7	144.6	369.2	521.0
April.....	3,002.2	701.3	34.3	179.8	309.8	739.5	144.4	370.2	522.9
May.....	3,005.0	697.0	34.1	181.2	311.9	738.0	144.4	373.8	526.6
June.....	3,008.1	699.6	34.1	181.8	313.5	734.5	144.3	376.6	523.7
July.....	3,007.8	711.8	34.0	186.5	312.1	724.2	144.4	377.0	517.8
August.....	3,053.8	758.4	34.0	188.1	311.5	722.3	144.1	375.8	519.6
September.....	3,068.2	754.9	33.7	191.5	312.7	727.4	143.7	376.5	527.8
October.....	3,052.4	737.6	32.0	178.3	313.1	745.5	143.4	378.9	523.6
November.....	3,014.7	711.7	32.4	174.3	312.5	752.2	143.4	376.6	511.6
December.....	3,060.5	703.2	32.1	176.1	311.8	784.6	143.4	374.6	534.7

For note and source see table C 1A.

## C. EMPLOYMENT—Continued

## 2. Employees in manufacturing establishments, in selected months, 1947-49

## REGIONAL TOTALS

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing <sup>1</sup> .....	987.1	1,005.0	992.5	1,006.6	1,022.6	1,018.8	1,077.9	1,156.6	-----	1,017.7	1,036.7	-----
	Percent change											
	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49		
All manufacturing.....	1.8	-1.2	1.6	0.4	7.3	-5.3	1.9	-3.2				

<sup>1</sup> No break-down of manufacturing is available.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with State agencies.



WASHINGTON

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing.....	165.6	171.4	167.2	178.9	176.8	169.6	185.2	189.9	178.8	172.2	169.1	161.2
Durable goods.....	109.7	112.9	109.0	112.7	98.5	114.3	110.3	116.8	109.8	111.9	109.0	-----
Nondurable goods.....	55.9	58.6	58.2	66.3	65.3	62.5	74.9	73.2	69.0	60.2	60.1	-----
Lumber and wood products.....	57.1	58.1	49.9	61.7	56.8	57.6	61.5	67.2	55.6	58.1	50.2	-----
Furniture and fixtures.....	4.5	4.4	3.2	4.1	4.2	3.2	4.5	4.2	3.4	4.8	4.0	-----
Primary metal industries.....	9.4	9.7	9.8	8.4	10.1	8.6	8.6	10.1	8.2	9.0	10.2	-----
Fabricated metal products.....	4.7	4.3	4.1	4.6	4.4	4.4	5.2	4.1	4.6	4.9	4.2	-----
Machinery.....	6.8	6.4	5.7	6.7	6.5	5.4	6.7	6.6	5.1	6.1	6.0	-----
Transportation equipment.....	23.1	23.2	30.0	22.8	99.1	28.7	19.8	16.6	26.8	25.2	27.8	-----
Other durable goods <sup>1</sup> .....	4.2	6.9	6.3	4.3	7.5	6.4	4.1	7.4	6.1	4.0	6.6	-----
Food and kindred products.....	23.1	21.8	21.4	33.0	29.2	27.7	39.4	35.0	34.0	23.4	22.4	-----
Paper and allied products.....	12.6	13.6	13.4	12.9	12.6	13.0	13.7	14.1	13.0	13.8	13.4	-----
Printing, publishing, and allied industries.....	7.0	7.1	7.4	7.1	7.2	7.2	7.1	7.1	7.0	7.0	7.4	-----
Other nondurable goods <sup>2</sup> .....	13.3	16.0	16.1	13.3	16.4	14.7	14.8	17.0	15.0	15.9	16.9	-----
Percent change												
	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49		
All manufacturing.....	3.5	-2.5	-8.4	7.9	2.5	-5.9	-1.8	-4.7				
Durable goods.....	2.9	-3.5	-12.6	16.0	5.9	-6.0	-2.6	-----				
Nondurable goods.....	4.8	-7.7	-1.5	-4.3	-2.3	-5.7	-2.2	-----				

<sup>1</sup> Includes stone, clay, and glass products; and professional and scientific instruments, etc.

<sup>2</sup> Includes textile-mill products; apparel and other finished textile products; chemicals and allied products; products of petroleum and coal; rubber products; leather and leather products; and miscellaneous manufacturing industries.

Series based on the 1945 Standard Industrial Classification.  
Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Washington Employment Security Department;

## C. EMPLOYMENT—Continued

## 2. Employees in manufacturing establishments, in selected months, 1947-49—Continued

OREGON

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing <sup>1</sup> .....	125.6	129.6	130.9	135.1	141.1	146.8	144.5	160.2	158.6	127.2	137.1	136.1
	Percent change											
	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49		
All manufacturing.....	3.2	1.0	4.4	4.0	10.9	-1.0	7.8	-	7.8	-	7.8	-

<sup>1</sup> Detailed industry data in process of preparation: consult the sources cited.  
Series based on the 1945 Standard Industrial Classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Oregon Unemployment Compensation Commission.

NEVADA  
[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing <sup>1</sup> .....	3.3	3.3	2.8	3.3	3.4	3.0	3.4	3.4	3.0	3.2	3.3	3.0
	Percent change											
	March		June		September		December					
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49		
All manufacturing.....		-15.2	3.0	-11.8	0	-11.8	3.1	-9.1				

<sup>1</sup> No break-down of manufacturing is available.  
Series is based on the 1945 Standard Industrial Classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Nevada Employment Security Department.

FAR WEST

## C. EMPLOYMENT—Continued

## 2. Employees in manufacturing establishments, in selected months, 1947-49—Continued

## CALIFORNIA

[In thousands]

Industry	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
All manufacturing.....	692.5	700.4	691.3	689.3	714.1	699.6	744.8	802.9	754.9	715.1	727.1	703.2
Durable goods.....	391.5	383.6	374.4	382.5	388.4	379.1	382.6	406.1	-----	390.4	397.2	-----
Nondurable goods.....	301.0	316.8	316.9	306.7	325.7	320.3	362.2	396.8	-----	324.7	329.9	-----
Iron and steel and their products.....	65.0	65.0	62.9	60.7	64.2	60.2	63.1	69.0	-----	64.3	66.8	-----
Electrical machinery.....	22.7	23.4	24.5	22.5	22.9	23.1	22.7	24.5	-----	24.4	25.6	-----
Machinery, except electrical.....	61.1	58.4	53.8	57.2	58.5	49.7	58.1	58.0	-----	57.7	56.9	-----
Transportation equipment.....	139.2	124.0	127.2	132.8	125.3	129.1	124.8	129.3	-----	128.5	131.1	-----
Nonferrous metals and their products.....	16.6	15.3	13.1	15.2	15.1	13.5	13.8	15.2	-----	15.1	14.7	-----
Lumber and timber basic products.....	27.0	33.0	34.0	33.6	39.2	42.6	36.6	44.2	-----	35.7	38.9	-----
Furniture and finished lumber products.....	28.8	29.3	25.2	28.0	27.8	26.3	29.7	29.0	-----	30.5	27.5	-----
Stone, clay, and glass products.....	31.0	35.2	33.7	32.5	35.5	34.6	34.0	36.9	-----	34.2	35.7	-----
Textile-mill products.....	7.2	7.3	7.8	6.2	7.2	7.4	6.4	7.0	-----	7.2	7.8	-----
Apparel and other finished textile products.....	41.1	47.3	47.6	37.3	43.5	41.4	43.5	48.5	-----	46.2	48.6	-----
Leather and leather products.....	5.9	6.2	5.6	5.2	5.3	5.9	5.8	6.0	-----	6.0	5.7	-----
Food and kindred products.....	99.3	106.5	106.4	110.7	119.1	116.2	158.4	185.0	-----	114.4	117.9	-----
Tobacco manufactures.....	1.5	1.5	1.6	1.4	1.5	1.7	1.4	1.6	-----	1.5	1.6	-----
Paper and allied products.....	11.9	12.1	11.8	11.6	12.5	12.1	11.8	12.5	-----	12.2	12.4	-----
Printing, publishing, and allied industries.....	45.1	47.4	48.8	45.3	48.6	48.7	45.6	48.8	-----	47.2	49.5	-----
Chemicals and allied products.....	29.4	29.5	29.5	29.1	29.6	29.0	29.0	29.7	-----	29.8	29.6	-----
Products of petroleum and coal.....	30.8	31.8	31.9	32.2	32.1	31.9	32.5	30.7	-----	32.1	30.6	-----
Rubber products.....	16.1	14.6	13.5	15.7	14.1	14.0	14.8	14.2	-----	15.1	13.7	-----
Miscellaneous manufacturing industries.....	12.7	12.6	12.3	12.1	12.2	12.0	12.8	12.8	-----	13.0	12.5	-----

Percent change

	March		June		September		December	
	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49	1947-48	1948-49
All manufacturing .....	1.1	-1.3	3.6	-2.0	7.8	-6.0	1.7	-3.3
Durable goods .....	-2.0	-2.4	1.5	-2.4	6.1		1.7	
Nondurable goods .....	5.2	(1)	6.2	-1.7	9.6		1.6	

<sup>1</sup> Less than 0.05 percent decrease.

Series based on the 1942 Social Security Board classification.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with Division of Labor Statistics and Research, California Department of Industrial Relations.

## C. EMPLOYMENT—Continued

## 3. Hours and earnings of production workers in manufacturing

State	March			June			September			December		
	1947	1948	1949	1947	1948	1949	1947	1948	1949 <sup>1</sup>	1947	1948	1949 <sup>1</sup>
Average weekly earnings												
United States.....	\$48.28	\$52.92	\$54.74	\$50.13	\$53.87	\$54.51	\$51.31	\$55.16	\$55.72	\$53.48	\$56.14	\$56.20
California.....	54.23	57.51	61.09	56.40	59.69	61.91	57.54	60.38	.....	58.51	61.35	.....
Average weekly hours												
United States.....	40.4	40.4	39.1	40.3	40.2	38.8	40.5	39.8	39.6	41.3	40.1	39.8
California.....	39.3	38.6	38.4	39.5	39.0	38.6	39.7	38.7	.....	39.5	38.7	.....
Average hourly earnings												
United States.....	\$1.20	\$1.31	\$1.40	\$1.24	\$1.34	\$1.41	\$1.27	\$1.39	\$1.41	\$1.30	\$1.40	\$1.41
California.....	1.38	1.49	1.59	1.43	1.53	1.60	1.45	1.56	.....	1.48	1.59	.....

<sup>1</sup> Preliminary.

NOTE.—Figures are not available for other far West States.

Source: U. S. Department of Labor, Bureau of Labor Statistics, in cooperation with State agency.

## D. UNEMPLOYMENT

## 1. Workers covered by State unemployment compensation laws and number of first payments issued, 1940 and 1948

State	Average monthly covered employment					Number of first payments issued (in thousands)	
	Number (in thousands)		Percent of total		Percent increase, 1940-48	1940	1948
	1940	1948	1940	1948			
United States.....	23,007.5	32,856.9	100.0	100.0	42.8	5,211.7	3,993.7
Far West.....	1,891.6	3,393.3	8.2	10.3	79.4	505.4	682.2
Washington.....	294.3	519.7	1.3	1.6	76.6	78.0	97.0
Oregon.....	192.1	314.7	.8	1.0	63.8	47.0	52.7
Nevada.....	24.4	38.0	.1	.1	55.7	6.8	5.0
California.....	1,380.7	2,521.0	6.0	7.7	82.6	373.6	527.5

Source: U. S. Department of Labor, Bureau of Employment Security.

D. UNEMPLOYMENT—Continued

2. Continued claims for unemployment benefits

State	Mid-March <sup>1</sup>							
	Number of continued claims			Percent change <sup>2</sup>		Ratio of claimants to covered workers <sup>3</sup>		
	Mar. 22, 1947	Mar. 20, 1948	Mar. 19, 1949	1947-48	1948-49	Mar. 22, 1947	Mar. 20, 1948	Mar. 19, 1949
United States.....	1,120,196	1,071,721	1,949,746	-4.3	81.9	3.7	3.3	5.9
Far West.....	233,261	222,102	395,445	-4.8	78.0	7.5	6.8	11.7
Washington.....	38,298	31,374	49,870	-18.1	59.0	8.0	6.2	9.6
Oregon.....	17,778	14,562	34,158	-18.1	134.6	6.3	4.7	10.8
Nevada.....	1,496	1,890	2,826	26.3	49.5	4.1	5.0	7.4
California.....	175,689	174,276	308,591	- .8	77.1	7.6	7.3	12.2

State	Mid-June <sup>1</sup>							
	Number of continued claims			Percent change <sup>2</sup>		Ratio of claimants to covered workers <sup>3</sup>		
	June 21, 1947	June 19, 1948	June 18, 1949	1947-48	1948-49	June 21, 1947	June 19, 1948	June 18, 1949
United States.....	1,169,812	1,016,451	2,007,440	-13.1	97.5	3.9	3.2	6.1
Far West.....	192,124	186,204	275,436	-3.1	47.9	6.2	5.7	8.1
Washington.....	16,707	18,980	22,237	13.6	17.2	3.5	3.8	4.3
Oregon.....	7,599	8,089	10,487	6.4	29.6	2.7	2.6	3.3
Nevada.....	1,057	1,064	1,496	.7	40.6	2.9	2.8	3.9
California.....	166,761	183,071	241,216	-5.2	52.6	7.2	6.6	9.6

State	Mid-September <sup>1</sup>							
	Number of continued claims			Percent change <sup>2</sup>		Ratio of claimants to covered workers <sup>3</sup>		
	Sept. 20, 1947	Sept. 25, 1948	Sept. 24, 1949	1947-48	1948-49	Sept. 20, 1947	Sept. 25, 1948	Sept. 24, 1949
United States.....	866,361	821,725	1,902,578	-5.2	131.5	2.9	2.6	5.8
Far West.....	149,057	148,955	256,365	- .1	72.1	4.8	4.6	7.6
Washington.....	17,630	16,194	30,194	-8.1	86.5	3.7	3.2	5.8
Oregon.....	6,909	6,240	17,816	-9.7	185.5	2.4	2.0	5.7
Nevada.....	952	822	2,052	-13.7	149.6	2.6	2.2	5.4
California.....	123,566	125,699	206,303	1.7	64.1	5.3	5.2	8.2

State	Mid-December <sup>1</sup>							
	Number of continued claims			Percent change <sup>2</sup>		Ratio of claimants to covered workers <sup>3</sup>		
	Dec. 13, 1947	Dec. 18, 1948	Dec. 17, 1949	1947-48	1948-49	Dec. 13, 1947	Dec. 18, 1948	Dec. 17, 1949
United States.....	783,889	1,129,265	-----	44.1	-----	2.6	3.5	-----
Far West.....	166,658	237,156	-----	42.3	-----	5.3	7.3	-----
Washington.....	27,817	34,952	-----	25.6	-----	5.8	6.9	-----
Oregon.....	13,588	18,200	-----	33.9	-----	4.8	5.9	-----
Nevada.....	1,343	1,464	-----	9.0	-----	3.6	3.9	-----
California.....	123,910	182,540	-----	47.3	-----	5.3	7.6	-----

<sup>1</sup> Dates were selected to minimize as far as possible such noneconomic factors as holidays and new benefit years.

<sup>2</sup> Increase, unless otherwise indicated.

<sup>3</sup> The rate of unemployment was obtained by dividing the number of claims by the annual average number of persons covered in the previous year.

## D. UNEMPLOYMENT—Continued

## 3. Weeks compensated, 1940 and 1948

[In thousands]

State	1940					1948				
	Total for year	March	June	September	December	Total for year	March	June	September	December
United States.....	51,012	4,574	5,324	3,603	2,973	42,550	4,230	3,859	3,114	4,044
Far West.....	6,071	680	509	367	464	8,500	915	744	547	940
Washington.....	783	106	61	33	59	1,037	133	66	53	126
Oregon.....	350	76	25	15	17	466	59	27	21	67
Nevada.....	86	11	6	4	8	57	8	4	3	5
California.....	4,852	487	417	315	381	6,940	715	647	470	743

Source: U. S. Department of Labor, Bureau of Employment Security.

## 4. Exhaustion of benefit rights and estimated average duration of benefits, 1948

State	Exhaustions of benefits		Estimated average duration (weeks) <sup>2</sup>
	Number	As percent of first payments <sup>1</sup>	
United States:			
1940 <sup>3</sup> .....	2,596,128	50.6	9.9
1948.....	1,024,274	27.5	10.7
Far West.....	201,385	31.8	12.5
Washington.....	22,963	25.9	10.7
Oregon.....	14,159	30.9	8.8
Nevada.....	1,754	35.9	11.4
California.....	162,509	33.0	13.2

<sup>1</sup> Exhaustions for calendar year as percent of first payments for 12-month period ended in September.<sup>2</sup> Represents number of weeks compensated, divided by number of first payments in calendar year.<sup>3</sup> No State break-downs available for 1940. The 1940 figures exclude Indiana and Wisconsin and include Alaska and Hawaii.

Source: U. S. Department of Labor, Bureau of Employment Security.

## 5. Average weekly benefit for total unemployment, 1940 and 1948

State	1940	1948
United States.....	\$10.56	\$19.03
Far West:		
Washington.....	12.62	18.38
Oregon.....	12.43	16.91
Nevada.....	13.22	20.04
California <sup>1</sup> .....	13.98	21.35

<sup>1</sup> United States average includes Alaska and Hawaii.<sup>2</sup> State law provides for 2-week benefit period; data adjusted for comparability with other States.

NOTE.—Dependents' allowances are included. Data are corrected to June 20, 1949.

Source: U. S. Department of Labor, Bureau of Employment Security.



## E. MANUFACTURING

### 1. Establishments, production workers, and value added by manufacture, 1939 and 1947

#### WASHINGTON

Major industry group	Number of establishments		Production workers				Value added by manufacture			
			Number		Percent		Amount ( thousands of dollars)		Percent	
	1939	1947	1939	1947	1939	1947	1939	1947	1939	1947
All industries.....	2, 858	3, 410	82, 261	123, 488	100. 0	100. 0	267, 716	874, 036	100. 0	100. 0
Food and kindred products.....	939	752	13, 779	21, 396	16. 8	17. 3	53, 741	148, 904	20. 1	17. 0
Textile mill products.....	18	14	453	509	. 6	. 4	902	2, 649	. 3	. 3
Apparel and related products.....	98	107	1, 986	2, 446	2. 4	2. 0	3, 848	10, 583	1. 4	1. 2
Lumber and products, except furniture.....	566	911	37, 803	40, 096	46. 0	32. 5	92, 265	279, 458	34. 5	32. 0
Furniture and fixtures.....	83	107	1, 767	2, 879	2. 1	2. 3	3, 861	13, 315	1. 4	1. 5
Paper and allied products.....	56	63	8, 129	11, 433	9. 9	9. 3	38, 712	137, 670	14. 5	15. 8
Printing and publishing industries.....	391	401	2, 796	3, 813	3. 4	3. 1	16, 536	42, 680	6. 2	4. 9
Chemicals and allied products.....	92	115	832	1, 367	1. 0	1. 1	6, 746	15, 570	2. 5	1. 8
Leather and leather products.....	23	19	221	354	. 3	. 3	510	1, 799	. 2	. 2
Stone, clay, and glass products.....	97	167	1, 521	2, 907	1. 8	2. 4	8, 458	17, 203	3. 2	2. 0
Primary metal industries.....	57	62	2, 451	7, 540	3. 0	6. 1	8, 746	63, 319	3. 3	7. 2
Fabricated metal products.....	114	198	2, 066	3, 877	2. 5	3. 1	7, 638	26, 719	2. 9	3. 1
Machinery (except electrical).....	129	181	1, 862	4, 221	2. 3	3. 4	5, 856	25, 233	2. 2	2. 9
Electrical machinery.....	22	23	159	716	. 2	. 6	666	4, 594	. 2	. 5
Transportation equipment.....	58	130	5, 293	18, 514	6. 4	15. 0	15, 521	76, 579	5. 8	8. 8
Miscellaneous manufactures.....	91	128	994	1, 170	1. 2	1. 9	3, 149	6, 044	1. 2	. 7
All other major industry groups.....	24	32	144	245	. 2	. 2	561	1, 717	. 2	. 2

## E. MANUFACTURING—Continued

## 1. Establishments, production workers, and value added by manufacture, 1939 and 1947—Continued

## OREGON

Major industry group	Establishments, number		Production workers				Value added by manufacture			
			Number		Percent		Amount (in thousands of dollars)		Percent	
	1939	1947	1939	1947	1939	1947	1939	1947	1939	1947
All industries.....	1,903	3,075	57,487	82,144	100.0	100.0	156,696	675,017	100.0	100.0
Food and kindred products.....	596	545	9,940	14,538	17.3	15.8	33,711	107,767	21.5	16.0
Textile mill products.....	19	22	1,783	2,631	3.1	2.9	4,514	12,825	2.9	1.9
Apparel and related products.....	41	42	1,538	1,636	2.7	1.8	2,912	7,893	1.9	1.2
Lumber and products, except furniture.....	532	1,390	31,621	48,032	55.0	52.2	70,182	363,561	44.8	53.9
Furniture and fixtures.....	42	64	2,526	3,215	4.4	3.5	5,635	15,300	3.6	2.3
Paper and allied products.....	29	38	3,060	4,034	5.3	4.4	10,802	34,653	6.9	5.1
Printing and publishing industries.....	256	298	1,734	2,404	3.0	2.6	9,979	24,311	6.4	3.6
Chemicals and allied products.....	47	69	295	792	.5	.9	1,735	11,750	1.1	1.7
Rubber products.....	2	5	( <sup>1</sup> )	102	.....	.1	( <sup>1</sup> )	587	.....	.1
Leather and leather products.....	22	26	202	292	.4	.3	447	1,370	.3	.2
Stone, clay, and glass products.....	49	108	532	1,033	.9	1.1	1,650	6,536	1.1	1.0
Primary metal industries.....	24	52	529	2,560	.9	2.8	2,010	19,782	1.3	2.9
Fabricated metal products.....	68	120	1,351	3,294	2.4	3.6	4,964	20,685	3.2	3.1
Machinery (except electrical).....	70	129	1,145	3,030	2.0	3.3	4,274	19,463	2.7	2.9
Electrical machinery.....	14	25	100	774	.2	.8	283	5,039	.2	.7
Transportation equipment.....	27	45	439	2,333	.8	2.5	1,007	13,481	.6	2.0
Miscellaneous manufactures.....	46	77	478	937	.8	1.0	1,772	5,110	1.1	.8
All other major industry groups.....	19	20	( <sup>1</sup> )	457	.....	.5	( <sup>1</sup> )	4,904	.....	.7

## NEVADA

All industries.....	94	126	1,025	2,064	100.0	100.0	11,493	27,777	100.0	100.0
Food and kindred products.....	42	40	328	463	32.0	22.4	1,347	3,309	11.7	11.9
Printing and publishing industries.....	29	34	108	222	10.5	10.8	820	2,352	7.1	8.5
Chemicals and allied products.....	2	6	( <sup>1</sup> )	289	.....	14.0	( <sup>1</sup> )	3,115	.....	11.2
Stone, clay, and glass products.....	5	22	180	357	17.6	17.3	497	2,942	4.3	10.6
All other major industry groups.....	16	24	( <sup>1</sup> )	733	.....	35.5	( <sup>1</sup> )	16,059	.....	57.8

CALIFORNIA

All industries.....	11,558	17,648	271,290	530,283	100.0	100.0	1,122,545	3,994,981	100.0	100.0
Food and kindred products.....	3,004	2,803	70,466	94,942	26.0	17.9	294,873	851,836	26.3	21.3
Textile mill products.....	129	146	4,581	4,688	1.7	.8	16,074	33,083	1.4	.8
Apparel and related products.....	1,032	1,687	22,307	38,655	8.2	7.3	45,516	188,294	4.1	4.7
Lumber and products, except furniture.....	589	1,276	24,052	35,445	8.9	6.7	60,056	226,183	5.3	5.7
Furniture and fixtures.....	566	846	9,834	16,261	3.6	3.1	26,046	91,872	2.3	2.3
Paper and allied products.....	123	201	5,424	10,320	2.0	1.9	21,851	80,710	1.9	2.0
Printing and publishing industries.....	1,869	2,226	15,999	24,258	5.9	4.6	100,401	261,064	8.9	6.5
Chemicals and allied products.....	639	847	9,813	19,096	3.6	3.6	75,389	280,195	6.7	7.0
Petroleum and coal products.....	126	132	9,504	17,227	3.5	3.2	88,984	213,503	7.9	5.3
Leather and leather products.....	112	247	2,425	4,957	.9	.9	5,676	25,381	.5	.6
Stone, clay, and glass products.....	463	1,065	11,062	23,825	4.1	4.5	44,608	153,884	4.0	3.9
Primary metal industries.....	236	482	12,810	23,027	4.7	4.9	43,231	176,014	3.9	4.4
Fabricated metal products.....	888	1,727	18,939	45,506	7.0	8.6	72,316	291,323	6.4	7.3
Machinery (except electrical).....	731	1,621	12,616	40,043	4.6	7.6	61,318	284,785	5.5	7.1
Electrical machinery.....	180	396	3,878	14,177	1.4	2.7	17,322	106,603	1.5	2.7
Transportation equipment.....	200	532	26,365	88,192	9.7	16.3	100,638	553,718	9.0	13.9
Miscellaneous manufactures.....	482	1,024	4,118	10,878	1.5	2.1	14,733	61,763	1.3	1.5
All other major industry groups.....	189	390	7,007	17,786	2.6	3.4	33,513	114,770	3.0	2.9

<sup>1</sup> Withheld to avoid disclosing figures for individual companies.

Source: 1947 Census of Manufactures, Final State Reports (Series MCI00). Although 1939 data have been adjusted wherever possible to the Standard Industrial Classification used for the 1947 census, figures given for the 2 periods are not in every case completely comparable. For full descriptions of the small variations remaining in various industry groups, see the industry volume of the 1947 Census of Manufactures (vol. II).

## E. MANUFACTURING—Continued

## 2. Production workers, 1939 and 1947

State	1939	1947	Change <sup>1</sup>		1939	1947	Change <sup>1</sup>	
			Number	Per-cent			Number	Per-cent
	All industries				Food and kindred products			
United States.....	7,808,205	11,916,188	4,107,989	53	802,133	1,099,478	297,345	37
Far West.....	412,063	747,979	335,916	82	94,513	131,339	36,826	39
Washington.....	82,261	123,488	41,227	50	13,779	21,396	7,617	55
Oregon.....	57,487	92,144	34,657	60	9,940	14,538	4,598	46
Nevada.....	1,025	2,064	1,039	101	328	463	135	41
California.....	271,290	530,283	258,993	95	70,466	94,942	24,476	35
	Tobacco manufactures				Textile mill products			
United States.....	87,525	103,289	15,764	18	1,081,710	1,147,194	65,484	6
Far West.....	( <sup>2</sup> )	( <sup>2</sup> )	-----	-----	6,822	7,328	1,006	15
Washington.....	( <sup>2</sup> )	( <sup>2</sup> )	-----	-----	458	509	51	11
Oregon.....	( <sup>2</sup> )	( <sup>2</sup> )	-----	-----	1,783	2,631	848	48
Nevada.....	( <sup>2</sup> )	( <sup>2</sup> )	-----	-----	-----	-----	-----	-----
California.....	( <sup>2</sup> )	( <sup>2</sup> )	-----	-----	4,581	4,688	107	2
	Apparel and related products				Lumber and products, except furniture			
United States.....	752,829	972,897	220,068	29	422,947	596,118	173,171	41
Far West.....	25,831	42,737	-----	-----	93,614	123,983	30,369	32
Washington.....	1,986	2,446	460	23	37,803	40,096	2,293	6
Oregon.....	1,538	1,636	98	6	31,621	48,082	16,461	52
Nevada.....	( <sup>2</sup> )	( <sup>2</sup> )	-----	-----	108	360	252	-----
California.....	22,307	38,655	16,348	73	24,082	35,445	11,363	47
	Furniture and fixtures				Paper and allied products			
United States.....	189,382	282,780	93,398	49	270,239	388,901	118,662	44
Far West.....	14,097	22,355	8,258	59	16,613	25,787	9,174	55
Washington.....	1,067	2,879	1,112	63	8,129	11,433	3,304	41
Oregon.....	2,526	3,215	689	27	3,060	4,034	974	32
Nevada.....	-----	-----	-----	-----	-----	-----	-----	-----
California.....	9,804	16,261	6,457	66	5,424	10,320	4,896	90
	Printing and publishing industries				Chemicals and allied products			
United States.....	324,371	438,135	113,764	35	275,669	466,458	190,789	69
Far West.....	20,637	30,702	10,065	49	10,940	21,544	-----	-----
Washington.....	2,796	3,818	1,022	37	832	1,367	535	64
Oregon.....	1,734	2,404	670	39	295	792	497	168
Nevada.....	108	222	114	106	( <sup>2</sup> )	289	-----	-----
California.....	15,999	24,258	8,259	52	9,813	19,096	9,283	95
	Products of petroleum and coal				Rubber products			
United States.....	107,695	169,610	61,915	57	120,740	214,533	93,793	78
Far West.....	9,601	17,628	8,027	84	( <sup>2</sup> )	( <sup>2</sup> )	-----	-----
Washington.....	74	139	65	-----	( <sup>2</sup> )	( <sup>2</sup> )	-----	-----
Oregon.....	23	262	239	-----	( <sup>2</sup> )	102	-----	-----
Nevada.....	-----	-----	-----	-----	-----	-----	-----	-----
California.....	9,504	17,227	7,723	81	( <sup>2</sup> )	( <sup>2</sup> )	-----	-----

See footnotes at end of table, p. 409.

E. MANUFACTURING—Continued

2. Production workers, 1939 and 1947—Continued

State	1939	1947	Change <sup>1</sup>		1939	1947	Change <sup>1</sup>	
			Number	Per-cent			Number	Per-cent
Leather and leather products					Stone, clay, and glass products			
United States.....	327,189	348,529	21,340	7	267,094	405,755	138,661	52
Far West.....	<sup>2</sup> 2,848	<sup>2</sup> 5,603	-----	-----	13,295	28,122	14,827	112
Washington.....	221	354	133	60	1,521	2,907	1,386	91
Oregon.....	202	292	90	45	532	1,033	501	94
Nevada.....	( <sup>2</sup> )	( <sup>2</sup> )	-----	-----	180	357	177	98
California.....	2,425	4,957	2,532	104	11,062	23,825	12,763	115
Primary metal industries					Fabricated metal products			
United States.....	672,438	1,010,055	337,617	50	451,087	822,514	371,427	82
Far West.....	<sup>2</sup> 15,790	<sup>2</sup> 36,127	-----	-----	<sup>2</sup> 22,356	<sup>2</sup> 52,677	-----	-----
Washington.....	2,451	7,540	5,089	208	2,066	3,877	1,811	88
Oregon.....	529	2,560	2,031	384	1,351	3,294	1,943	144
Nevada.....	( <sup>2</sup> )	( <sup>2</sup> )	-----	-----	( <sup>2</sup> )	( <sup>2</sup> )	-----	-----
California.....	12,810	26,027	13,217	103	18,939	45,506	26,567	140
Machinery (except electrical)					Electrical machinery			
United States.....	536,082	1,244,135	708,053	132	247,930	639,147	391,217	158
Far West.....	<sup>2</sup> 15,623	47,302	-----	-----	4,137	15,667	11,530	279
Washington.....	1,862	4,221	2,359	127	159	716	557	-----
Oregon.....	1,145	3,030	1,885	165	100	774	674	-----
Nevada.....	( <sup>2</sup> )	8	-----	-----	( <sup>2</sup> )	( <sup>2</sup> )	-----	-----
California.....	12,616	40,043	27,427	217	3,878	14,177	10,299	266
Transportation equipment					Instruments and related products			
United States.....	544,553	987,142	442,589	81	84,867	181,939	97,072	114
Far West.....	<sup>2</sup> 32,097	<sup>2</sup> 107,039	-----	-----	<sup>2</sup> 1,311	<sup>2</sup> 5,371	-----	-----
Washington.....	5,293	18,514	13,221	250	( <sup>2</sup> ) 41	( <sup>2</sup> ) 73	32	-----
Oregon.....	439	2,333	1,894	431	-----	-----	-----	-----
Nevada.....	( <sup>2</sup> )	( <sup>2</sup> )	-----	-----	-----	-----	-----	-----
California.....	26,365	86,192	59,827	227	1,270	5,298	4,028	317
Miscellaneous manufactures								
United States.....	241,725	397,579	155,854	64				
Far West.....	<sup>2</sup> 5,590	<sup>2</sup> 12,985	-----	-----				
Washington.....	994	1,170	176	18				
Oregon.....	478	937	459	96				
Nevada.....	( <sup>2</sup> )	( <sup>2</sup> )	-----	-----				
California.....	4,118	10,878	6,760	164				

<sup>1</sup> Increase, unless otherwise indicated.

<sup>2</sup> Withheld to avoid disclosing figures for individual companies.

<sup>3</sup> Omits a number of employees in the States marked (2).

Source: 1947 Census of Manufactures, Final State Reports (Series M100). Although 1939 data have been adjusted wherever possible to the Standard Industrial Classification used for the 1947 Census, figures for the 2 periods are not in every case completely comparable. For full descriptions of the small variations remaining in various industry groups, see the industry volume of the 1947 Census of Manufactures (vol. II). In order to avoid disclosing figures for individual companies, the statistics for some industry groups are not shown. They are included, however, in the State totals.

## E. MANUFACTURING—Continued

3. Trends in total manufacturing, 1899-1947<sup>1</sup>

## NUMBER OF ESTABLISHMENTS

Year	United States	Far West	Washington	Oregon	Nevada	California
Number						
1899.....	204,750	8,428	1,926	1,406	99	4,997
1909.....	264,810	13,756	3,674	2,246	177	7,659
1919.....	270,231	17,265	4,356	2,478	149	10,282
1929.....	206,663	18,277	3,672	2,463	123	12,019
1939.....	173,802	16,413	2,858	1,903	94	11,558
1947.....	240,881	24,259	3,410	3,075	126	17,648
Index (1899=100)						
1899.....	100.0	100.0	100.0	100.0	100.0	100.0
1909.....	129.3	163.2	190.8	159.7	178.8	153.3
1919.....	132.0	204.9	226.2	176.2	150.5	205.8
1929.....	100.9	216.9	190.7	175.2	124.2	240.5
1939.....	84.9	194.7	148.4	135.3	94.9	231.3
1947.....	117.6	287.8	177.1	218.7	127.3	353.2

## ALL EMPLOYEES

[Average for the year]

Year	United States	Far West	Washington	Oregon	Nevada	California
Number						
1899.....	4,850,019	133,870	33,626	15,602	541	84,101
1909.....	7,012,066	245,089	76,854	32,223	2,513	133,499
1919.....	9,836,801	488,679	144,331	64,596	3,371	276,381
1929.....	9,659,742	558,098	128,740	73,865	2,564	352,929
1939.....	9,527,306	524,900	99,119	67,222	1,461	357,098
1947.....	14,294,304	916,454	144,324	105,591	2,667	663,872
Index (1899=100)						
1899.....	100.0	100.0	100.0	100.0	100.0	100.0
1909.....	144.6	183.1	228.6	206.5	464.5	158.7
1919.....	202.8	365.0	429.2	414.0	623.1	328.6
1929.....	199.2	416.9	382.9	473.4	473.9	419.6
1939.....	196.4	392.1	294.8	430.9	270.1	424.6
1947.....	294.7	684.6	429.2	676.8	493.0	789.4

See footnotes at end of table, p. 411.

E. MANUFACTURING—Continued

3. Trends in total manufacturing, 1899-1947—Continued

PRODUCTION WORKERS

[Average for the year]

Year	United States	Far West	Washington	Oregon	Nevada	California
Number						
1899.....	4,501,919	123,710	31,523	14,459	504	77,224
1909.....	6,261,736	215,423	69,120	28,750	2,257	115,296
1919.....	8,464,916	429,079	131,241	57,832	3,074	236,932
1929.....	8,369,705	473,446	114,930	65,505	2,200	290,911
1939.....	7,808,205	412,063	82,261	57,487	1,025	271,290
1947.....	11,916,188	747,979	123,488	92,144	2,064	530,283
Index (1899=100)						
1899.....	100.0	100.0	100.0	100.0	100.0	100.0
1909.....	139.1	174.1	219.3	198.8	447.8	149.3
1919.....	188.0	346.8	416.3	400.0	609.9	306.8
1929.....	185.9	382.7	364.3	453.0	436.5	376.7
1939.....	173.4	333.1	261.0	397.6	203.4	351.3
1947.....	264.7	604.6	391.7	637.3	409.5	686.7

VALUE ADDED BY MANUFACTURE

Year	United States	Far West	Washington	Oregon	Nevada	California
Amount (in thousands of dollars)						
1899.....	4,646,981	141,448	32,554	15,804	599	92,491
1909.....	8,160,075	353,354	102,859	42,452	3,521	204,522
1919.....	23,841,624	1,269,401	361,907	158,763	6,238	742,493
1929.....	30,591,435	1,930,947	367,149	206,542	8,065	1,349,191
1939.....	24,487,304	1,558,450	267,716	156,696	11,493	1,122,545
1947.....	74,428,825	5,671,811	874,036	675,017	27,777	3,994,981
Index (1899=100)						
1899.....	100.0	100.0	100.0	100.0	100.0	100.0
1909.....	175.6	249.8	316.0	268.6	587.8	221.1
1919.....	513.1	897.4	1,111.7	1,004.6	1,041.4	802.8
1929.....	658.3	1,365.1	1,127.8	1,306.9	1,346.4	1,458.7
1939.....	526.9	1,101.8	822.4	991.5	1,018.7	1,213.7
1947.....	1,601.6	3,939.1	2,684.9	4,271.2	4,637.2	4,319.3

<sup>1</sup> Differences in the levels of manufacturing employment in 1939 and 1947 as estimated by the Bureau of Labor Statistics (tables C) and by the Bureau of the Census (tables F) are attributable largely to differences in the definition of manufacturing and in the classification of establishments, administrative offices, and auxiliary units.

Source: 1947 Census of Manufactures, Final State Reports (MC100 Series). National series were revised to exclude industries that are no longer counted as manufacturing. Similar adjustments could not be made in the State series, because data were not available for many of these industries on a State basis. The sum of the State and regional figures is therefore not equal to the United States totals.

State figures for 1939 and 1947 exclude, whereas earlier figures include, data for "Railroad repair shops," "Manufactured gas," and a few minor industries. Similarly, dates after 1919 exclude figures on the "Automobile repairing" industry, and "Motion pictures" were excluded from manufacturing after 1931. For these reasons the State figures for 1939 and 1947 are not completely comparable to those for earlier years.

The minimum size for establishments to be enumerated has varied from one census to another. The chief resulting lack of comparability is seen in data on number of establishments. In 1919 and previously, establishments producing a total value of \$500 or more during the year were included. For the period 1921-39 the lower limit was set at \$5,000. The result was to exclude after 1919 a large number of small establishments, but no large amount of employment or of production. If the \$5,000 limit had been in effect in 1919 some 23 percent of the establishments (those producing between \$500 and \$5,000 worth of manufactures per year) would have been omitted, but only about one-half of 1 percent of the production workers or the value added by manufacture. For the 1947 census, all establishments that employed at least 1 person at any time during the year were included in the census.

## F. CONSTRUCTION

## 1. New construction activity

[In millions of dollars]

## WASHINGTON

Year	Total	Private				Public			
		Total <sup>1</sup>	Residential building (excluding farm)	Non-residential building	Public utility	Total	Non-residential building	Highway	Other <sup>2</sup>
1939.....	121.0	49.6	24.9	11.4	9.3	71.4	11.6	18.1	41.7
1940.....	157.2	76.3	42.2	17.3	12.4	80.9	11.6	22.5	46.8
1941.....	222.4	102.0	53.0	32.0	11.8	120.4	28.3	15.6	76.5
1942.....	338.4	61.8	27.8	10.2	18.6	276.6	88.1	8.6	179.9
1943.....	313.6	50.2	26.6	7.8	9.8	263.4	19.2	7.5	236.7
1944.....	127.9	46.6	21.8	8.7	11.6	81.3	19.5	9.3	52.5
1945.....	134.6	66.4	21.7	9.6	30.7	68.2	9.6	10.1	48.5
1946.....	256.8	182.6	77.0	62.7	35.0	74.2	18.5	18.9	36.8
1947.....	336.1	222.3	124.8	50.7	36.7	113.8	24.9	27.3	61.6
1948.....	448.2	296.4	160.1	61.0	65.6	151.8	51.6	36.6	63.6
First quarter, 1948.....	84.5	58.9	33.6	12.5	11.8	25.6	10.1	3.1	12.4
Second quarter, 1948.....	111.5	74.1	40.8	13.6	16.8	37.4	12.5	8.4	16.5
Third quarter, 1948.....	140.4	87.5	47.2	16.3	19.6	52.9	14.8	19.1	19.0
First quarter, 1949.....	90.1	62.8	27.0	22.8	12.2	27.3	11.0	3.8	12.5
Second quarter, 1949.....	116.3	74.2	35.3	20.4	16.2	42.1	9.2	8.9	24.0
Third quarter, 1949.....	133.6	82.6	41.9	18.2	18.6	51.0	7.8	15.4	27.8

## OREGON

1939.....	62.0	30.0	14.4	6.8	5.8	32.0	9.1	11.7	11.2
1940.....	77.5	44.9	22.3	11.6	7.8	32.6	5.1	10.9	16.6
1941.....	120.7	62.0	25.3	23.7	8.9	58.7	8.4	13.0	37.3
1942.....	193.4	31.1	11.3	7.9	8.2	162.3	25.2	10.6	126.5
1943.....	124.1	23.5	11.9	2.4	5.3	100.6	15.7	5.0	79.9
1944.....	58.2	24.6	10.7	3.9	7.1	33.6	9.0	4.8	19.8
1945.....	56.9	33.2	11.0	6.5	13.0	23.7	2.8	5.0	15.9
1946.....	135.4	100.6	47.8	37.2	10.7	34.8	2.0	12.0	20.8
1947.....	201.5	154.0	76.4	49.0	24.1	47.5	8.0	16.2	23.3
1948.....	269.1	197.7	113.6	48.4	29.3	71.4	18.6	17.9	34.9
First quarter, 1948.....	50.7	40.0	22.1	11.7	5.5	10.7	2.9	1.6	6.2
Second quarter, 1948.....	70.0	53.8	32.5	11.9	7.5	16.2	4.1	3.6	8.5
Third quarter, 1948.....	80.9	56.2	31.9	12.8	8.6	24.7	5.5	7.9	11.3
First quarter, 1949.....	50.5	36.4	19.1	10.7	6.1	14.1	5.5	2.9	5.7
Second quarter, 1949.....	58.9	39.1	21.7	7.8	8.0	19.8	7.2	3.1	9.5
Third quarter, 1949.....	76.2	46.8	23.9	11.3	9.0	29.4	7.2	7.7	14.5

## NEVADA

1939.....	17.1	7.3	4.0	1.8	1.1	9.8	0.6	3.9	5.3
1940.....	19.9	7.4	3.7	2.5	.8	12.5	1.3	3.3	7.9
1941.....	29.0	11.4	6.4	3.9	1.6	17.6	1.4	3.9	12.3
1942.....	129.7	14.0	5.7	1.1	6.8	115.7	54.2	3.1	58.4
1943.....	89.8	6.0	3.3	.5	1.9	83.8	25.7	1.8	56.3
1944.....	15.5	3.0	.2	.7	1.9	12.5	3.4	.9	8.2
1945.....	17.3	4.7	2.1	.9	1.5	12.6	.5	.5	11.6
1946.....	26.4	18.8	10.4	6.4	1.5	7.6	1.2	4.3	2.1
1947.....	35.5	25.8	16.9	4.8	3.2	9.7	1.2	5.7	2.8
1948.....	.....	.....	.....	4.9	3.5	9.8	2.2	4.5	3.1
First quarter, 1948.....	.....	.....	.....	1.6	.7	1.3	.4	.3	.6
Second quarter, 1948.....	.....	.....	.....	1.4	.9	2.4	.6	1.0	.8
Third quarter, 1948.....	.....	.....	.....	1.1	1.1	3.5	.6	2.0	.9
First quarter, 1949.....	.....	.....	.....	.....	.....	1.0	.4	.3	.3
Second quarter, 1949.....	.....	.....	.....	.....	.....	2.2	.2	1.5	.5
Third quarter, 1949.....	.....	.....	.....	.....	.....	3.5	.6	2.0	.9

See footnotes at end of table, p. 413.



F. CONSTRUCTION—Continued

1. New construction activity—Continued

(In millions of dollars)

CALIFORNIA

Year	Total	Private				Public			
		Total <sup>1</sup>	Residential building (excluding farm)	Non-residential building	Public utility	Total	Non-residential building	Highway	Other <sup>2</sup>
1939.....	667.3	479.1	324.9	93.9	43.3	188.2	62.0	39.6	86.6
1940.....	726.6	520.6	326.1	133.9	42.4	206.0	39.8	42.0	124.2
1941.....	1,156.2	672.2	360.8	228.1	59.6	484.0	101.2	39.1	343.7
1942.....	1,104.6	322.7	183.6	69.8	48.4	781.9	175.6	37.6	568.7
1943.....	680.1	172.3	80.0	40.5	30.1	507.8	61.7	28.9	417.2
1944.....	703.0	247.0	135.2	51.7	42.8	456.0	58.5	24.4	373.1
1945.....	701.3	288.1	154.1	70.5	47.2	413.2	54.8	28.6	329.8
1946.....	1,436.0	1,183.0	601.2	465.8	85.9	253.0	39.3	53.4	160.3
1947.....	1,845.6	1,545.4	953.7	415.8	150.0	300.2	49.0	83.6	167.6
1948.....	2,492.4	2,120.3	1,450.7	440.4	193.3	372.1	98.4	97.3	178.4
First quarter, 1948.....	495.3	429.0	286.5	101.5	37.3	66.3	15.1	16.1	35.1
Second quarter, 1948.....	657.5	569.4	398.5	110.7	49.5	88.1	20.5	24.2	43.4
Third quarter, 1948.....	711.5	599.5	407.1	120.5	55.8	112.0	28.6	32.0	50.5
First quarter, 1949.....	495.6	394.9	264.8	88.1	39.1	100.7	37.2	17.9	45.6
Second quarter, 1949.....	541.8	421.7	276.3	90.7	46.1	120.1	42.5	22.8	54.8
Third quarter, 1949 <sup>3</sup> .....	564.6	419.6	261.3	94.0	49.9	145.0	46.0	32.0	67.0

<sup>1</sup> Includes farm construction.

<sup>2</sup> Includes residential building, military and naval, miscellaneous public-service enterprises, conservation and development, sewer and water, and all other public construction.

<sup>3</sup> Third quarter figures are preliminary.

Source: U. S. Department of Commerce.

2. Building construction in large cities, 1921-49<sup>1</sup>

(In thousands of dollars)

Year	Long Beach	Los Angeles	Oakland	Portland	Sacramento	San Diego	San Francisco	Seattle	Spokane	Tacoma
1921.....	13,144	82,761	15,724	14,819	4,762	8,185	21,716	12,809	2,110	4,593
1922.....	14,044	121,207	24,391	22,334	9,390	10,201	45,147	19,624	3,177	4,232
1923.....	23,698	200,133	27,157	25,215	9,677	11,999	46,348	22,951	2,487	5,500
1924.....	19,751	150,148	30,937	29,219	7,595	15,009	57,603	27,212	3,288	8,368
1925.....	12,261	152,646	38,964	38,476	11,324	18,061	50,093	30,627	4,367	7,074
1926.....	8,565	123,006	27,728	32,589	7,699	19,831	57,154	34,218	4,191	11,088
1927.....	13,639	123,027	20,518	28,973	8,814	13,877	46,449	29,070	3,656	4,765
1928.....	16,308	101,679	19,537	21,276	5,524	12,160	37,504	34,807	5,737	4,660
1929.....	18,044	93,020	14,396	15,504	4,381	11,415	33,426	29,101	4,148	4,053
1930.....	13,058	75,357	9,085	12,063	3,029	5,426	22,414	30,356	3,641	4,070
1931.....	4,472	41,422	7,223	7,156	3,787	5,811	21,442	12,483	2,176	2,002
1932.....	3,101	17,786	2,226	2,982	2,339	2,592	16,465	3,257	566	432
1933.....	6,384	15,534	1,945	2,385	1,349	2,539	58,198	1,953	808	534
1934.....	2,565	14,982	2,689	2,358	1,732	2,746	7,112	2,318	755	459
1935.....	6,828	33,466	9,670	3,542	1,916	5,327	12,345	3,934	1,668	870
1936.....	8,083	64,105	8,655	6,790	7,181	9,297	19,330	6,798	3,946	1,448
1937.....	8,130	64,614	8,101	8,688	6,309	8,755	20,669	7,183	2,880	1,453
1938.....	11,573	70,969	9,276	6,790	8,634	13,058	25,728	8,469	3,380	1,595
1939.....	12,022	74,091	11,364	9,723	7,131	9,718	28,656	12,701	3,790	2,280
1940.....	24,422	91,171	21,981	11,397	8,822	58,380	41,358	34,654	5,131	3,335
1947.....	35,233	259,041	27,389	39,953	12,849	30,428	48,290	40,450	18,597	11,670
1948.....	38,264	372,978	37,410	52,256	17,431	42,883	62,990	61,005	26,292	14,493
1949.....	38,758	282,236	30,595	47,656	18,813	37,013	68,334	53,674	18,255	13,370

<sup>1</sup> Value of permits for building construction in cities having a 1940 population of 100,000 or more; covers all classes of building, including additions, alterations, and repairs; covers only construction within official city limits, and does not include suburban developments outside of corporate limits.

Source: U. S. Department of Labor, Bureau of Labor Statistics.

## F. CONSTRUCTION—Continued

3. Number of new dwelling units authorized in urban areas, 1921-49<sup>1</sup>

	1921	1922	1923	1924	1925	1926	1927	1928
Far West.....								
Washington.....								
Seattle.....	1,961	2,920	2,936	3,676	5,570	5,342	4,505	4,658
Spokane.....	438	517	375	631	716	662	595	574
Tacoma.....	843	862	861	1,130	1,201	1,790	769	822
Oregon.....								
Portland.....	3,136	3,658	4,079	4,809	4,796	5,125	3,166	2,321
Nevada.....								
California.....								
Long Beach.....	3,882	7,061	7,185	2,889	1,447	978	1,479	3,099
Los Angeles.....	19,572	28,033	43,842	29,894	22,072	20,017	20,801	21,081
Oakland.....	2,681	4,313	5,008	5,460	6,518	4,519	2,694	2,430
Sacramento.....	737	1,187	1,428	1,410	1,662	1,198	959	917
San Diego.....	1,450	1,900	2,016	3,646	4,159	3,734	2,613	2,146
San Francisco.....	2,683	6,284	6,794	7,555	10,574	8,539	8,674	6,084

	1929	1930	1931	1932	1933	1934	1935	1936
Far West.....								
Washington.....								
Seattle.....	3,289	2,583	1,139	361	168	150	251	560
Spokane.....	419	328	216	92	81	92	236	496
Tacoma.....	515	347	185	78	58	45	47	122
Oregon.....								
Portland.....	1,686	866	539	200	164	142	222	606
Nevada.....								
California.....								
Long Beach.....	3,198	1,993	995	308	174	119	372	965
Los Angeles.....	15,234	11,437	6,600	2,703	2,220	1,648	3,933	8,923
Oakland.....	1,904	1,231	777	266	187	152	377	818
Sacramento.....	693	388	313	109	78	79	146	607
San Diego.....	1,318	829	627	305	297	180	845	1,697
San Francisco.....	3,518	2,206	2,441	1,073	787	246	911	2,139

	1937	1938	1939	1940	1947	1948	1949
Far West.....				74,717	98,488	111,631	93,325
Washington.....				6,496	8,963	8,635	9,112
Seattle.....	638	1,002	1,305	2,018	3,340	2,860	3,115
Spokane.....	456	558	698	822	1,731	1,526	1,742
Tacoma.....	199	358	416	621	753	893	1,105
Oregon.....				3,523	5,673	6,469	5,651
Portland.....	1,012	760	1,234	1,764	2,275	3,067	2,976
Nevada.....				502	1,551	625	530
California.....				64,196	82,301	95,902	78,032
Long Beach.....	1,120	1,824	2,324	2,480	3,979	3,269	2,542
Los Angeles.....	9,772	12,382	16,163	16,447	21,138	30,328	26,101
Oakland.....	1,069	1,163	1,678	2,384	1,708	1,354	1,339
Sacramento.....	635	1,012	1,219	1,423	1,174	1,473	1,267
San Diego.....	1,967	1,965	1,829	7,063	3,438	4,107	3,224
San Francisco.....	1,546	2,724	4,492	4,430	3,102	3,951	3,664

<sup>1</sup> Based on building permits issued, Federal contracts awarded, and State and local public housing started. Attention is directed to the fact that this tabulation pertains only to building authorized within urban places. Urban as defined by the Bureau of the Census covers incorporated places of 2,500 population or more in 1940 and, by special rule, a small number of unincorporated civil divisions. Building outside these city limits is excluded, even when it is located in populous suburban areas that may be an integral part of a city's economic and social life. These data do not represent the volume of housing actually started during the years shown, because adjustment has not been made for lapsed building permits, nor for lag between permit issuance or contract award dates and the start of construction.

Source: Bureau of Labor Statistics. State estimates are not available prior to 1940.

G. AGRICULTURE

1. Number of farms

State	Number (in thousands)					Percent change, 1910-45 <sup>1</sup>	
	1910	1920	1930	1940	1945	Number of farms	Land in farms
United States.....	6,362	6,448	6,289	6,097	5,859	-7.9	29.9
Far West.....	193	237	265	280	285	47.7	43.8
Washington.....	56	66	71	82	80	42.9	42.8
Oregon.....	46	50	55	62	63	37.0	69.1
Nevada.....	3	3	3	4	3	0	127.6
California.....	88	118	136	133	139	58.0	25.5

<sup>1</sup> Increase unless, otherwise indicated.

Source: U. S. Census of Agriculture. Large increases in farm acreage in certain Western States represented chiefly the inclusion as farm land of grazing areas which were formerly open range.

2. Value of farm real estate

State	Average value of farm land and improvements per acre, as of Mar. 1 (1912-14=100)					
	1915	1920	1930	1940	1947	1949
United States.....	103	170	115	84	159	175
Far West:						
Washington.....	100	140	110	84	170	168
Oregon.....	99	130	107	84	152	152
Nevada.....	102	135	99	70	107	114
California.....	111	167	160	121	244	215

Source: U. S. Department of Agriculture, Current Developments in the Farm Real Estate Market, September 1949.

## G. AGRICULTURE—Continued

## 3. Chief agricultural products, 1929, 1939, 1948, as shown by cash receipts from farm marketings

## WASHINGTON

Product	Receipts (in thousands of dollars)			Percent		
	1929	1939	1948	1929	1939	1948
Total crops an livestock.....	207,727	146,974	566,181	100.0	100.0	100.0
Wheat.....	42,184	32,811	135,531	20.3	22.3	23.9
Dairy products.....	32,625	25,654	86,939	15.7	17.5	15.4
Apples.....	43,500	20,013	70,981	20.9	13.6	12.5
Other products.....	89,518	68,496	272,730	43.1	46.6	48.2

## OREGON

Total crops and livestock.....	133,632	106,154	386,562	100.0	100.0	100.0
Dairy products.....	24,737	18,529	55,357	18.5	17.5	14.3
Cattle, calves.....	14,657	13,948	53,425	11.0	13.1	13.8
Wheat.....	19,898	10,551	42,724	14.9	9.9	11.1
Truck crops.....	3,164	5,463	22,440	2.4	5.1	5.8
Eggs.....	8,680	5,288	17,568	6.5	5.0	4.5
Hogs.....	5,312	5,014	14,433	4.0	4.7	3.7
Sheep, lambs.....	8,190	5,855	8,603	6.1	5.5	2.2
Other products.....	48,994	41,506	172,012	36.6	39.2	44.6

## NEVADA

Total crops and livestock.....	19,643	13,307	52,433	100.0	100.0	100.0
Cattle, calves.....	8,065	5,497	30,547	41.1	41.3	58.3
Sheep, lambs.....	3,063	2,093	4,655	15.6	15.7	8.9
Other products.....	8,515	5,717	17,231	43.3	43.0	32.8

## CALIFORNIA

Total crops and livestock.....	766,226	606,007	2,164,088	100.0	100.0	100.0
Truck crops.....	83,978	34,008	281,834	11.0	13.9	13.0
Cattle, calves.....	70,397	63,143	277,959	9.2	10.4	12.8
Dairy products.....	99,231	82,927	276,641	13.0	13.7	12.8
Cotton lint.....	20,224	27,862	112,238	2.6	4.6	5.2
Eggs.....	49,707	26,712	110,605	6.5	4.4	5.1
Oranges.....	94,585	46,742	110,570	12.3	7.7	5.1
Grapes.....	43,308	30,481	101,190	5.7	5.0	4.7
Other products.....	304,796	244,132	893,051	39.7	40.3	41.3

Source: U. S. Department of Agriculture, Bureau of Agricultural Economics. 1929 and 1939, from Cash Receipts from Farming by States and Commodities, Calendar Years 1942-44. 1948, from Farm Income Situation, June 1949.

## 4. Farm wage rates

State	Composite rate per month <sup>1</sup>				Percent of United States average			
	1919	1929	1939	1948	1919	1929	1939	1948
United States.....	\$51.13	\$44.52	\$30.56	\$107.00	100.0	100.0	100.0	100.0
Far West:								
Washington.....	72.60	63.40	45.90	173.00	142.0	142.4	150.2	161.7
Oregon.....	71.40	60.30	44.10	165.00	139.6	135.4	144.3	154.2
Nevada.....	62.70	63.30	42.50	134.00	122.6	142.2	139.1	125.2
California.....	74.50	71.40	54.90	172.00	145.7	160.4	179.6	160.7

<sup>1</sup> Composite is a weighted average of monthly and daily wage rates with and without board.

Source: U. S. Department of Agriculture, Farm Labor.

H. TIMBER RESOURCES AND LUMBER CUT

State	Estimated volume of standing saw timber on commercial forest land, 1945		Lumber sawed				
	Million board feet	Percent of United States total	Million board feet		Percent change, 1942-47 <sup>1</sup>	Percent of United States total	
			1942	1947		1942	1947
	A	B	C	D	E	F	G
United States.....	1,600,972	100.00	36,332	35,404	-2.6	100.0	100.0
Far West.....	858,826	53.64	13,786	14,216	3.1	37.9	40.2
Washington.....	249,505	15.59	4,976	3,705	-25.5	13.7	10.5
Oregon.....	381,389	23.82	6,480	7,102	9.6	17.8	20.1
Nevada.....	367	.02	2,330	3,409	46.3	6.4	9.6
California.....	227,565	14.21					

<sup>1</sup> Increase, unless otherwise indicated.

Source: Columns A and B, *Agricultural Statistics*, 1948. Columns C and D, 1947 Census of Manufacturers, Pamphlet MC 24A.

J. MINERALS

1. Value of mineral production, 1940 and 1948

State	Amount (in thousands of dollars)		Percent of United States total	
	1940	1948	1940	1948
United States <sup>1</sup> .....	5,613,900	15,870,000	100.0	100.0
Far West.....	467,127	1,295,153	11.1	10.4
Washington.....	28,056	50,498	.6	.4
Oregon.....	11,230	24,871	.3	.2
Nevada.....	42,571	45,110	1.0	.4
California.....	385,270	1,174,674	9.2	9.4

<sup>1</sup> The United States figure is greater than the sum of State figures, principally because it includes pig iron, ferro-alloy metals, and aluminum valued at the smelter, instead of ore at the mine; natural gas valued at points of consumption rather than at wells; and the mineral production of Alaska and insular territories.

Source: U. S. Department of the Interior, Bureau of Mines.

3. Copper production—Mine production of recoverable copper

[Short tons]

State	Production by years				Maximum production	
	Amount			Percent change, 1929-48 <sup>1</sup>	Year	Amount
	1929	1939	1948			
United States.....	977,300	728,192	834,797	-14.6	1943	1,090,818
Far West.....	87,707	79,823	51,390	-41.4		
Washington.....	700	8,998	5,665	709.3	1940	9,612
Oregon.....	328	48	2	-99.4	1916	1,791
Nevada.....	70,069	66,597	45,242	-35.4	1942	83,663
California.....	16,610	4,180	481	-97.1	1909	28,644

<sup>1</sup> Increase, unless otherwise indicated.

Source: U. S. Department of the Interior, Bureau of Mines.

## J. MINERALS—Continued

## 4. Lead and zinc production—Mine production of recoverable metal

[Short tons]

State	Lead				Zinc			
	Amount			Percent change, col. A to col. C <sup>1</sup>	Amount			Percent change, col. E to col. G <sup>1</sup>
	1925-29 average	1939	1948		1925-29 average	1939	1948	
	A	B	C	D	E	F	G	H
United States.....	663,248	413,042	390,147	-41.2	724,720	583,807	629,955	-13.1
Far West.....	13,206	8,495	26,041	97.2	10,144	16,365	38,251	277.1
Washington.....	1,323	3,718	7,147	440.2	575	10,131	12,638	2,097.9
Oregon.....	6	15	7					
Nevada.....	9,807	4,236	9,777	-3	5,570	6,228	20,288	264.2
California.....	2,070	526	9,110	340.1	3,999	6	5,325	33.2

<sup>1</sup> Increase, unless otherwise indicated.

Source: U. S. Department of the Interior, Bureau of Mines.

## 5. Crude petroleum production

State	Amount (in thousands of barrels)			Percent change, 1929-48 <sup>1</sup>
	1929	1939	1948	
United States <sup>2</sup> .....	1,007,323	1,264,962	2,016,282	100.2
Far West.....	292,534 <sup>3</sup>	224,354	340,089	16.3
California.....	292,534	224,354	340,089	16.3

<sup>1</sup> Increase, unless otherwise indicated.<sup>2</sup> Figures for 1929 and 1939 include small amounts produced in Alaska; 1948 figure does not.

Source: U. S. Department of the Interior, Bureau of Mines.

## K. INCOME PAYMENTS TO INDIVIDUALS

## 1. Total income payments

State	Amount (in millions of dollars)			Percent change <sup>1</sup>			Percent of United States total		
	1929	1940	1948	1929-40	1940-48	1929-48	1929	1940	1948
United States.....	82,617	75,852	206,011	-8	172	149	100.00	100.00	100.00
Far West.....	6,998	7,431	23,086	6	211	230	8.47	9.80	11.21
Washington.....	1,104	1,100	3,578	(?)	225	224	1.34	1.45	1.74
Oregon.....	603	633	2,134	5	237	254	.73	.84	1.04
Nevada.....	74	92	275	24	199	272	.09	.12	.13
California.....	5,217	5,606	17,099	7	205	228	6.31	7.39	8.30

<sup>1</sup> Increase, unless otherwise indicated.<sup>2</sup> Less than 0.5 percent.

Source: U. S. Department of Commerce, National Income Division. For definitions of income payments and major components see State Income Payments in 1948, in U. S. Department of Commerce Survey of Current Business, August 1949.

K. INCOME PAYMENTS TO INDIVIDUALS—Continued

2. Per capita income payments

State	Amount (in dollars)			Percent change <sup>1</sup>			Percent of United States average		
	1929	1940	1948	1929-40	1940-48	1929-48	1929	1940	1948
United States.....	\$680	\$575	\$1,410	-15	145	107	100	100	100
Far West.....	865	750	1,579	-13	111	83	127	130	112
Washington.....	713	632	1,453	-11	130	104	105	110	103
Oregon.....	640	579	1,302	-10	125	103	94	101	92
Nevada.....	817	836	1,679	2	101	106	120	145	119
California.....	946	805	1,651	-15	105	75	139	140	117

<sup>1</sup> Increase, unless otherwise indicated.

Source: U. S. Department of Commerce, National Income Division. For definitions of income payments and major components see State Income Payments in 1948, in U. S. Department of Commerce Survey of Current Business, August 1949.

3 (a). Components of income payments

(Components as percentage of State total)

State	Total	Agricultural income	Manufacturing pay rolls	Trade and service income	Government income payments	All other
1929						
United States.....	100.0	8.4	19.7	24.4	7.3	40.2
Far West.....	100.0	8.5	13.6	27.6	8.6	41.7
Washington.....	100.0	10.5	19.1	26.1	9.6	34.7
Oregon.....	100.0	12.6	18.7	27.6	9.6	31.5
Nevada.....	100.0	11.4	2.3	20.5	12.0	53.8
California.....	100.0	7.6	12.0	28.0	8.2	44.2
1940						
United States.....	100.0	7.2	20.3	25.2	12.4	34.9
Far West.....	100.0	7.0	13.6	29.3	14.6	35.5
Washington.....	100.0	7.3	17.6	26.3	16.3	32.5
Oregon.....	100.0	10.3	18.4	27.4	13.0	30.9
Nevada.....	100.0	9.0	1.8	25.3	15.9	48.0
California.....	100.0	6.5	12.5	30.1	14.4	36.5
1948						
United States.....	100.0	10.2	22.4	27.0	13.9	26.5
Far West.....	100.0	8.4	15.3	30.9	15.9	29.5
Washington.....	100.0	9.8	17.1	28.3	17.1	27.7
Oregon.....	100.0	11.6	21.2	29.0	13.1	25.1
Nevada.....	100.0	12.4	4.0	32.1	13.0	38.5
California.....	100.0	7.6	14.4	31.7	16.1	30.2

Source: U. S. Department of Commerce, National Income Division. For definitions of income payments and major components see State Income Payments in 1948, in U. S. Department of Commerce Survey of Current Business, August 1949.

## K. INCOME PAYMENTS TO INDIVIDUALS—Continued

3 (b). Components of income payments<sup>1</sup>

[Components as percentage of State total]

State	Agricultural income			Manufacturing pay rolls			Trade and service income			Government income payments			All other		
	1929	1940	1948	1929	1940	1948	1929	1940	1948	1929	1940	1948	1929	1940	1948
United States.....	8.4	7.2	10.2	19.7	20.3	22.4	24.4	25.2	27.0	7.3	12.4	13.9	40.2	34.9	26.5
Far West.....	8.5	7.0	8.4	13.6	13.6	15.3	27.6	29.3	30.9	8.6	14.6	15.9	41.7	35.5	29.5
Washington.....	10.5	7.3	9.8	19.1	17.6	17.1	26.1	26.3	28.3	9.6	16.3	17.1	34.7	32.5	27.7
Oregon.....	12.6	10.3	11.6	18.7	18.4	21.2	27.6	27.4	29.0	9.6	13.0	13.1	31.5	30.9	25.1
Nevada.....	11.4	9.0	12.4	2.3	1.8	4.0	20.5	25.3	32.1	12.0	15.9	13.0	53.8	48.0	38.5
California.....	7.6	6.5	7.6	12.0	12.5	14.4	28.0	30.1	31.7	8.2	14.4	16.1	44.2	36.5	30.2

<sup>1</sup> Same data as in table K 3 (a), rearranged to emphasize year-to-year change.

Source: U. S. Department of Commerce, National Income Division. For definitions of income payments and major components see State Income Payments in 1948, in U. S. Department of Commerce Survey of Current Business, August 1949.

## L. SELECTED ECONOMIC INDICATORS

## 1. Production of electric energy

Year	United States	Far West	Washington	Oregon	Nevada	California
Kilowatt-hours (thousands)						
1920.....	39,404,639	5,376,482	1,179,466	474,937	33,550	3,688,529
1925.....	61,451,091	8,518,611	1,594,051	708,694	39,703	6,176,163
1930.....	91,111,548	12,667,548	2,522,878	1,200,536	42,936	8,901,198
1935.....	95,287,390	13,081,275	2,955,069	1,082,034	25,714	9,018,458
1940.....	141,837,010	17,679,854	3,920,319	1,718,492	2,310,182	9,730,861
1945.....	222,486,283	32,408,536	9,689,862	4,184,904	2,590,359	15,943,411
1946.....	223,177,783	32,989,143	9,038,842	4,148,566	2,488,076	17,313,659
1947.....	255,738,984	39,028,149	11,226,271	5,461,728	2,907,881	19,432,269
1948.....	282,698,214	43,208,599	13,881,239	5,433,228	3,607,239	20,288,893
Index (1920=100.0)						
1920.....	100.0	100.0	100.0	100.0	100.0	100.0
1925.....	155.9	158.4	135.2	149.2	118.3	167.4
1930.....	231.2	235.6	213.9	252.8	128.0	241.3
1935.....	241.8	243.3	250.5	227.3	76.6	244.5
1940.....	360.0	328.8	332.4	361.8	688.6	263.8
1945.....	564.6	602.8	821.5	881.1	772.1	432.2
1946.....	566.4	613.6	766.4	873.5	741.6	469.4
1947.....	649.0	725.9	951.8	1,150.0	866.7	528.8
1948.....	717.4	803.7	1,176.9	1,144.0	1,075.2	550.0

Source: Federal Power Commission.



L. SELECTED ECONOMIC INDICATORS—Continued

2. Bank Deposits

State	Millions of dollars				Percent of national total			
	1919	1929	1939	1948	1919	1929	1939	1948
United States.....	33,571	53,963	58,344	148,978	100.0	100.0	100.0	100.0
Far West.....	2,097	4,108	4,886	16,225	6.2	7.6	8.4	10.9
Washington.....	333	450	525	2,013	1.0	.8	.9	1.4
Oregon.....	213	263	297	1,313	.6	.5	.5	.9
Nevada.....	32	44	40	163	.1	.1	.1	.1
California.....	1,519	3,351	4,023	12,736	4.5	6.2	6.9	8.5

NOTE.—1919 and 1929 figures as of end of June; 1939 and 1948 as of end of December. The earlier figures are not strictly comparable to those for later years, and are being revised by the Federal Reserve Board.

Source: Board of Governors of the Federal Reserve System.

3. Gross postal receipts

State	Amount (in thousands of dollars)			As percent of United States total			Receipts per capita of population		
	1930	1940	1948	1930	1940	1948	1930	1940	1948
United States.....	684,610	726,172	1,327,532	100.0	100.0	100.0	\$5.56	\$5.50	\$9.09
Far West.....	61,914	65,429	141,856	7.6	9.0	10.7	6.23	6.58	9.70
Washington.....	8,719	9,964	20,424	1.3	1.4	1.5	5.56	5.69	8.29
Oregon.....	5,436	6,719	13,407	.8	.9	1.0	5.69	6.10	8.18
Nevada.....	537	686	1,300	.1	.1	.1	5.87	6.12	7.93
California.....	37,223	48,060	106,726	5.4	6.6	8.0	6.52	6.89	10.31

NOTE.—Year covered is the fiscal year ending June 30.

Source: Annual reports of the Postmaster General for 1930, 1940, and 1948.

## I. SELECTED ECONOMIC INDICATORS—Continued

4. Revenue freight originated, class I steam railways, 1940 and 1948<sup>1</sup>

[In thousands of tons]

State	Total		Products of agri- culture		Animals and products		Products of mines		Products of forests		Manufactures and miscellaneous		Forwarder traffic <sup>2</sup>	
	1940	1948	1940	1948	1940	1948	1940	1948	1940	1948	1940	1948	1940	1948
United States.....	993,569.9	1,486,240.2	88,573.4	144,784.3	15,429.6	16,839.8	569,956.2	845,117.1	58,129.6	85,971.6	261,481.0	389,221.2	2,749.0	4,306.2
Far West.....	50,360.3	81,223.8	10,182.0	13,638.8	724.4	633.5	7,942.2	14,664.2	17,054.7	26,142.2	14,457.0	26,017.0	26.8	128.0
Washington.....	14,121.7	20,155.9	2,689.6	3,910.1	134.0	146.7	1,273.3	1,834.3	7,644.8	9,544.7	2,380.0	4,718.2	.1	1.9
Oregon.....	9,921.8	17,465.6	1,014.7	1,520.3	161.9	121.1	331.2	870.4	6,967.5	12,182.5	1,446.5	2,763.0	.2	8.3
Nevada.....	917.2	1,586.4	5.3	16.6	49.1	57.7	694.8	912.4	7.4	30.7	160.6	569.0		( <sup>3</sup> )
California.....	25,399.6	42,015.9	6,472.4	8,191.8	379.4	308.0	5,642.9	11,047.1	2,435.0	4,384.3	10,469.9	17,966.8	26.5	117.8

<sup>1</sup> Carload lots only. Less than carload lots are not included.<sup>2</sup> The term "forwarder traffic" means freight traffic consigned by or to a forwarder, i. e., a company, firm or individual recognized as engaged in the business of collecting and accumulating less than carload shipments into consolidated carloads without an ownership in the property so handled.<sup>3</sup> Less than 50.

Source: Interstate Commerce Commission.

## APPENDIX: SELECTED INDUSTRIES AND AREAS

Included in this section are various types of data which, while extremely pertinent to any study of regional trends, cannot be readily fitted into a specific grouping of States. In some instances, the data are available only for some cities and States but not for others; in other cases, the data are available only for specific regional groupings and are not amenable to rearrangement on a State basis.

### *Production*

Cotton manufacturing, as represented by the number of cotton-consuming spindle-hours, has been increasingly concentrated in the cotton-growing States (table 1 (a)). In 1922, for instance, the New England States accounted for 41 percent of the total hours of use; by 1948 this ratio was down to 15 percent. Massachusetts and Rhode Island bore the brunt of the decline.

The number of woolen and worsted spindles has been declining in the past two decades in every State in which this industry is important (table 1 (b)). This industry is heavily concentrated in New England. Massachusetts had 30 percent of all the spindles in both 1939 and 1948; Rhode Island was next, with 17 percent in the earlier period and 18 percent in the latter.

Output of boots and shoes in the country as a whole was 28 percent greater in 1948 than in 1929, but was about 7 percent below the peak prewar year 1941 (table 1 (c)). However, Massachusetts, which ranks with New York as the most important single State in this industry, has remained relatively stable over these years; output in 1948 was somewhat less than in 1929, and was about 14 percent below the 1941 average. Sharp relative increases have occurred in Pennsylvania, Maine, and New Hampshire.

The two most important producers of hot rolled iron and steel products are Pennsylvania and Ohio (table 1 (d)). Pennsylvania, however, did not share proportionately in the sharp rise which has occurred since World War I. In 1919, it accounted for 46 percent of the total tonnage, but produced only 27 percent of the 1948 tonnage. Ohio, on the other hand, produced about 20 percent of the national output in both years.

### *Employment*

While the meat-packing industry added considerably to its employment between 1919 and 1947, the total in Illinois was cut almost in half (table 2 (a)). Among the other important States, Nebraska and Kansas also have experienced some declines. On the other hand, substantial gains occurred in Iowa, Minnesota, Pennsylvania, Texas, and California.

Employment in the hosiery industry in 1947 was about the same as in 1929 (table 2 (b)). Pennsylvania, however, has lost its pre-eminence in this industry and employment is down substantially from the peak. In 1929, Pennsylvania accounted for 38 percent of the

employment in this industry; by 1947, the ratio had dropped to 23 percent. In North Carolina, on the other hand, the ratio rose from 15 percent in 1929 to 32 percent in 1947.

The men's clothing industry employed somewhat fewer people in 1947 than in 1929 (table 2 (c)). The sharpest decline was in Illinois, where it amounted to more than 7,000, or over one-third. On the other hand, employment rose significantly between 1929 and 1947 in Massachusetts, New Jersey, Pennsylvania, and Kentucky.

#### *Wage rates*

While wage rates differ sharply in various occupations and industries, there appears to be a general tendency for rates to be higher in the northern and western regions than in the southern. Also, it often appears that rates are higher in larger cities than in the smaller ones (tables 3 (a) to 3 (y)). These generalizations are, of course, subject to numerous exceptions.

#### *Trade*

In 1948, the dollar value of department store sales, in the country as a whole, were 300 percent of the 1935-39 average (table 4). In two Federal Reserve districts—Boston and New York—the increase was considerably less than the national average. In three others—Atlanta, Dallas, and San Francisco—the reverse was true.

The dollar volume of sales in the first three quarters of 1949 declined both in the country as a whole and in each of the 12 Federal Reserve districts.

## I. PRODUCTION

(a) Active cotton-consuming spindle-hours, 1922-48

### BY REGION

Year <sup>1</sup>	Number of hours (in millions)				Percent of national total			
	United States	New England	Cotton-growing States	Other States	United States	New England	Cotton-growing States	Other States
1922	89,309	36,783	47,841	4,684	100.00	41.19	53.57	5.25
1923	101,931	41,271	55,776	4,884	100.00	40.49	54.72	4.79
1924	84,360	30,102	50,509	3,659	100.00	35.68	59.98	4.34
1925	91,055	31,201	55,912	3,941	100.00	34.27	61.40	4.33
1926	93,941	31,541	58,518	3,882	100.00	33.58	62.29	4.13
1927	102,605	33,052	65,865	3,688	100.00	32.21	64.19	3.59
1928	96,451	27,862	65,273	3,316	100.00	28.89	67.67	3.44
1929	99,604	28,253	68,361	2,991	100.00	28.36	68.63	3.00
1930	87,515	23,038	61,878	2,598	100.00	26.32	70.71	2.97
1931	75,264	18,757	54,482	2,024	100.00	24.92	72.39	2.69
1932	68,755	13,260	53,613	1,882	100.00	19.29	77.98	2.74
1933	85,265	17,231	66,366	1,667	100.00	20.21	77.83	1.96
1934	80,419	19,290	59,291	1,839	100.00	23.99	73.73	2.29
1935	72,526	16,245	54,643	1,639	100.00	22.40	75.34	2.26
1936	83,960	16,816	65,275	1,868	100.00	20.03	77.75	2.23
1937	101,225	21,228	77,667	2,330	100.00	20.97	76.73	2.30
1938	74,962	13,709	59,776	1,477	100.00	18.28	79.74	1.97
1939	87,696	16,726	69,231	1,739	100.00	19.07	78.94	1.98
1940	97,006	18,241	76,751	2,014	100.00	18.80	79.12	2.08
1941	111,775	21,009	88,517	2,249	100.00	18.80	80.08	2.11
1942	131,161	23,354	105,037	2,770	100.00	17.81	82.11	1.91
1943	129,709	20,729	106,504	2,476	100.00	15.98	82.11	1.70
1944	118,283	17,426	98,842	2,015	100.00	14.73	83.56	1.63
1945	111,898	15,831	94,249	1,819	100.00	14.45	83.94	1.61
1946	105,369	15,229	88,446	1,694	100.00	15.19	83.25	1.56
1947	114,727	17,425	95,507	1,795	100.00	15.03	83.66	1.31
1948	119,017	17,889	99,564	1,564	100.00			

### NEW ENGLAND STATES

Year <sup>1</sup>	Number of hours (in millions)						Percent of national total					
	Maine	New Hampshire	Vermont	Masachusetts	Rhode Island	Connecticut	Maine	New Hampshire	Vermont	Masachusetts	Rhode Island	Connecticut
1922	2,631	1,865	377	23,103	5,699	3,109	2.95	2.09	0.42	25.87	6.38	3.48
1923	2,830	2,452	378	25,233	6,935	3,393	2.78	2.41	.37	24.76	6.85	3.33
1924	2,164	1,890	251	17,763	5,378	2,657	2.57	2.24	.30	21.06	6.38	3.15
1925	2,176	2,308	266	18,666	5,255	2,530	2.39	2.54	.29	20.50	5.77	2.78
1926	2,140	2,572	233	18,938	5,217	2,441	2.28	2.74	.25	20.16	5.55	2.60
1927	2,117	2,745	333	20,116	5,197	2,544	2.06	2.68	.32	19.61	5.06	2.48
1928	1,991	2,591	294	15,785	4,633	2,567	2.06	2.69	.31	16.37	4.80	2.66
1929	1,964	2,501	304	15,698	5,049	2,736	1.97	2.51	.31	15.76	5.07	2.75
1930	1,899	2,265	256	13,212	3,188	2,219	2.17	2.59	.29	15.10	3.64	2.54
1931	1,823	2,055	221	10,181	2,552	1,926	2.42	2.73	.29	13.53	3.39	2.56
1932	1,409	1,680	161	6,689	1,930	1,391	2.05	2.44	.23	9.73	2.81	2.02
1933	1,999	2,026	272	8,488	2,685	1,762	2.34	2.38	.32	9.96	3.15	2.07
1934	2,029	2,247	231	10,162	2,870	1,751	2.52	2.79	.29	12.64	3.57	2.18
1935	1,625	1,885	271	8,494	2,290	1,681	2.24	2.60	.37	11.71	3.16	2.32
1936	2,021	1,257	282	9,186	2,423	1,648	2.41	1.50	.34	10.94	2.89	1.96
1937	2,760	1,781	316	10,989	3,310	2,052	2.73	1.76	.33	10.86	3.27	2.03
1938	1,988	1,455	234	6,672	2,106	1,275	2.65	1.94	.29	8.90	2.81	1.70
1939	2,246	1,291	282	8,700	2,906	1,301	2.56	1.47	.32	9.92	3.31	1.48
1940	2,363	1,371		9,776	3,179	1,552	2.44		1.41	10.08	3.28	1.60
1941	2,781	1,468		11,453	3,581	1,726	2.49		1.31	10.25	3.20	1.54
1942	3,023	1,793		12,693	3,902	1,943	2.30		1.37	9.68	2.97	1.48
1943	2,605	1,643		11,590	3,349	1,642	1.93		1.27	8.94	2.58	1.27
1944	2,117	1,468		9,882	2,535	1,425	1.79		1.24	8.35	2.14	1.20
1945	2,007	1,258		9,017	2,222	1,327	1.79		1.12	8.06	1.99	1.19
1946	1,976	1,195		8,715	2,147	1,196	1.88		1.13	8.27	2.04	1.14
1947	2,647	1,364		9,686	2,430	1,299	2.31		1.19	8.44	2.12	1.13
1948	2,956	1,265		9,790	2,589	1,289	2.48		1.06	8.23	2.18	1.08

See footnotes at end of table, p. 426.

I. PRODUCTION—Continued  
COTTON-GROWING STATES

Year <sup>1</sup>	Number of hours (in millions)						
	Virginia	North Carolina	South Carolina	Georgia	Tennessee	Alabama	Texas
1922	1,646	16,424	15,646	7,374	1,216	3,697	469
1923	1,740	19,063	17,905	9,318	1,354	4,245	557
1924	1,571	17,333	16,606	7,898	1,322	3,968	527
1925	1,674	19,607	18,007	8,954	1,366	4,311	650
1926	1,771	19,953	18,826	9,315	1,663	4,785	792
1927	1,839	23,002	21,428	10,270	1,945	5,085	902
1928	1,660	22,045	21,102	10,734	2,124	5,213	835
1929	1,585	22,143	22,559	11,319	2,350	6,036	797
1930	1,826	19,208	20,610	10,096	2,308	5,833	677
1931	1,367	16,681	18,589	8,819	2,107	5,323	513
1932	1,648	15,251	18,737	8,908	2,055	5,556	479
1933	1,943	18,630	24,199	10,929	2,442	6,415	627
1934	1,929	17,196	20,282	10,354	1,891	5,803	691
1935	1,989	15,713	18,905	9,431	1,879	5,251	455
1936	2,055	19,445	21,633	11,541	2,336	6,460	585
1937	2,377	23,073	25,472	13,815	2,691	7,839	962
1938	2,053	17,150	20,677	10,152	2,306	5,460	871
1939	2,185	20,507	23,244	12,416	2,382	6,507	912
1940	2,142	23,491	25,279	13,554	2,614	7,635	960
1941	2,651	27,229	28,568	15,760	2,900	9,115	1,150
1942	3,451	32,240	33,440	18,257	3,611	11,039	1,322
1943	3,328	33,138	33,388	18,852	3,783	11,027	1,235
1944	2,980	31,165	31,311	17,277	3,264	10,198	1,055
1945	2,770	30,071	29,673	16,596	2,980	9,616	1,028
1946 <sup>2</sup>	2,694	27,796	27,336	15,812	2,704	9,589	1,058
1947 <sup>2</sup>	3,200	29,634	30,097	16,775	2,975	10,291	1,130
1948 <sup>2</sup>	3,591	30,619	32,131	17,393	3,205	10,232	1,021

Year <sup>1</sup>	Percent of national total						
	Virginia	North Carolina	South Carolina	Georgia	Tennessee	Alabama	Texas
1922	1.84	18.39	17.52	8.26	1.36	4.14	0.53
1923	1.71	18.70	17.57	9.14	1.33	4.16	.55
1924	1.86	20.55	19.68	8.36	1.57	4.70	.62
1925	1.84	21.53	19.78	9.83	1.50	4.73	.71
1926	1.88	21.24	20.04	9.92	1.77	5.09	.84
1927	1.79	22.42	20.88	10.01	1.90	4.96	.88
1928	1.72	22.86	21.88	11.13	2.20	5.41	.87
1929	1.59	22.23	22.65	11.36	2.36	6.06	.80
1930	2.09	21.95	23.55	11.54	2.64	6.67	.77
1931	1.82	22.16	24.70	11.72	2.80	7.07	.68
1932	2.40	22.18	27.25	12.96	2.99	8.08	.70
1933	2.28	21.85	28.38	12.82	2.86	7.52	.74
1934	2.40	21.38	25.22	12.88	2.35	7.22	.86
1935	2.74	21.67	26.07	13.00	2.59	7.24	.63
1936	2.45	23.16	25.77	13.75	2.78	7.69	.70
1937	2.35	22.79	25.16	13.65	2.66	7.74	.95
1938	2.74	22.88	27.68	13.54	3.08	7.28	1.16
1939	2.49	23.38	26.51	14.16	2.72	7.42	1.04
1940	2.21	24.22	26.06	13.97	2.70	7.87	.99
1941	2.37	24.36	25.56	14.10	2.59	8.16	1.03
1942	2.63	24.58	25.50	13.92	2.75	8.42	1.01
1943	2.57	25.55	25.74	14.53	2.92	8.50	.95
1944	2.52	26.35	26.47	14.61	2.76	8.62	.89
1945	2.48	26.87	26.52	14.83	2.66	8.59	.92
1946 <sup>2</sup>	2.56	26.38	25.94	15.01	2.57	9.10	1.00
1947 <sup>2</sup>	2.79	25.83	26.23	14.62	2.59	8.97	.98
1948 <sup>2</sup>	3.02	25.73	27.00	14.61	2.69	8.60	.86

<sup>1</sup> Year ending July 31.

<sup>2</sup> Data for 1946, 1947, and 1948 cover cotton spinning by cotton-system spindles only. (Plants spinning chiefly cotton constitute the "cotton system.") Reports for earlier years relate to all spindles used exclusively for spinning cotton fiber, regardless of the character of the establishment in which such spindles were located.

Source: U. S. Bureau of the Census, Cotton Production and Distribution (Bulletins Nos. 174, 176, 182, 185). Percentages calculated by Bureau of Labor Statistics.

I. PRODUCTION—Continued

(b) *Woolen and worsted spindles, 1929-48*

State	Number of spindles (as of July 1) (000)					Percent of United States total				
	1929	1934	1939	1944	1948	1929	1934	1939	1944	1948
United States.....	4,958	4,391	4,007	3,899	3,958	100	100	100	100	100
Maine.....	252	298	237	202	265	5	7	6	5	7
New Hampshire.....	255	227	175	195	208	5	5	4	5	5
Vermont.....	70	77	68	73	73	1	2	2	2	2
Massachusetts.....	1,540	1,390	1,181	1,212	1,178	31	32	29	31	30
Rhode Island.....	848	728	677	692	721	17	17	17	18	18
Connecticut.....	238	217	182	160	179	5	5	5	4	5
New York.....	312	240	275	278	266	6	5	7	7	7
New Jersey.....	286	261	254	249	229	6	6	6	6	6
Pennsylvania.....	663	531	506	404	359	13	12	13	10	9
Maryland.....	12	10	9	8	10	(1)	(1)	(1)	(1)	(1)
West Virginia.....	21	20	24	23	22	(1)	(1)	1	1	1
Ohio.....	121	65	67	77	74	2	1	2	2	2
Indiana.....	28	30	29	26	27	1	1	1	1	1
Illinois.....	23	16	23	25	24	(1)	(1)	1	1	1
Michigan.....	36	33	36	27	22	1	1	1	1	1
Wisconsin.....	34	30	33	33	35	1	1	1	1	1
Minnesota.....	15	13	10	10	11	(1)	(1)	(1)	(1)	(1)
Iowa.....	9	9	9	7	6	(1)	(1)	(1)	(1)	(1)
Virginia.....	24	20	29	28	24	(1)	(1)	1	1	1
North Carolina.....	15	9	25	41	57	(1)	(1)	1	1	1
South Carolina.....	9	9	12	12	38	(1)	(1)	(1)	(1)	1
Georgia.....	36	35	36	15	30	1	1	1	(1)	1
Kentucky.....	36	31	22	22	21	1	1	1	1	1
Tennessee.....	39	43	44	40	29	1	1	1	1	1
Alabama.....	1	1	1		9	(1)	(1)	(1)		(1)
Oregon.....	13	23	19	18	20	(1)	1	(1)	(1)	1
California.....	13	13	12	8	9	(1)	(1)	(1)	(1)	(1)
Other States.....	9	11	13	14	11	(1)	(1)	(1)	(1)	(1)

<sup>1</sup> Less than 0.05 percent.

Source: Davison's Textile Blue Book for the given years. Figures are copyrighted and may not be reproduced without suitable acknowledgment.

(c) *Boots and shoes, 1929-48*

State	Boots, shoes, and slippers produced (other than rubber)									
	Thousands of pairs					Index (1929=100)				
	1929	1934	1939	1944	1948	1929	1934	1939	1944	1948
United States.....	361,402	357,119	424,136	467,931	462,320	100	99	117	129	128
Maine.....	16,400	20,966	28,874	24,525	24,488	100	128	176	150	149
New Hampshire.....	22,976	24,285	38,175	39,508	35,646	100	106	166	172	155
Massachusetts.....	83,540	71,614	81,446	88,347	80,288	100	86	97	106	96
New York.....	76,008	80,630	72,442	95,989	86,239	100	106	95	126	113
Pennsylvania.....	17,232	18,569	32,779	36,900	39,981	100	108	190	214	232
Ohio.....	15,427	14,075	(1)	14,524	17,762	100	91		94	115
Illinois.....	27,871	27,759	31,604	35,016	30,774	100	100	113	126	110
Wisconsin.....	19,483	15,798	16,680	18,536	17,498	100	81	86	95	90
Missouri.....	50,745	43,798	48,568	57,328	61,647	100	86	96	113	121
Other States.....	31,720	39,626	73,569	41,928	67,997	100	125	232	181	214

<sup>1</sup> Combined with "Other States" to avoid disclosing operations of individual establishments.

Source: U. S. Bureau of the Census, periodic releases.

## I. PRODUCTION—Continued

(d) Hot rolled iron and steel products, 1919-48

State	Amount (thousands of tons)							Percent of United States total						
	1919	1924	1929	1934	1939	1944	1948	1919	1924	1929	1934	1939	1944	1948
United States..	125,102	128,086	141,069	118,970	139,068	165,804	169,192	100	100	100	100	100	100	100
New England.....	283	243	267	159	240	359	378	1	1	1	1	1	1	1
New York.....	975	1,077	1,869	800	1,869	3,282	3,360	4	4	5	4	5	5	5
New Jersey.....	204	134	198	86	120	193	138	1	(*)	(*)	(*)	(*)	(*)	(*)
Pennsylvania.....	11,477	11,101	14,860	5,619	11,024	19,468	18,927	46	40	36	30	28	30	27
Delaware, Maryland, Virginia.....	321	533	1,249	789	2,207	3,415	4,274	1	2	3	4	6	5	6
West Virginia.....	682	832	1,298	797	1,415	1,954	2,375	3	3	3	4	4	3	3
Ohio.....	4,975	6,456	8,812	4,301	8,610	14,346	14,226	20	23	21	23	22	22	21
Indiana.....	2,608	3,202	5,145	2,446	5,010	8,851	9,276	10	11	13	13	13	13	13
Illinois.....	1,679	1,990	3,233	1,311	2,721	5,017	5,250	7	7	8	7	7	8	8
Michigan, Wisconsin, Minnesota.....	415	360	849	924	2,081	2,116	3,279	2	1	2	5	5	3	5
Missouri, Oklahoma..	104	170	302	167	377	341	420	(*)	1	1	1	1	1	1
Georgia, Kentucky, Tennessee, Texas...	185	328	692	401	605	1,132	1,202	1	1	2	2	2	2	2
Alabama.....	710	1,009	1,216	628	1,665	2,693	2,577	3	4	3	3	4	4	4
Colorado, Utah, Washington.....	355	433	701	247	607	1,527	1,926	1	2	2	1	2	2	3
California.....	130	218	379	293	517	1,110	1,584	1	1	1	2	1	2	2

\* Includes Canal Zone.

\* Includes Iowa.

\* Includes North Carolina.

\* Does not include Utah.

\* Includes Oregon.

\* Less than .5 percent.

Source: Annual Statistical Report, American Iron and Steel Institute for the given years.



II. EMPLOYMENT

(a) Wholesale meat packing, 1919-47

State	Production and related workers							
	Number				Percent of United States total			
	1919	1929	1939	1947	1919	1929	1939	1947
United States.....	160,996	122,505	115,046	167,072	100	100	100	100
Maine.....	123	114	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>2</sup> )		
Massachusetts.....	4,307	2,594	1,570	2,271	3	2	1	1
Rhode Island.....	264	162	( <sup>1</sup> )	97	( <sup>2</sup> )	( <sup>2</sup> )		( <sup>2</sup> )
New York.....	6,646	7,278	5,071	5,487	4	6	4	3
New Jersey.....	3,566	2,817	2,072	2,193	2	2	2	1
Pennsylvania.....	4,438	5,232	5,005	7,277	3	4	4	4
Maryland.....	1,563	1,753	1,584	2,071	4	1	1	1
Ohio.....	5,336	5,325	5,994	6,616	3	5	5	4
Indiana.....	5,691	4,076	4,323	6,799	4	4	4	4
Illinois.....	54,179	29,618	21,468	24,245	34	24	19	15
Michigan.....	1,712	2,286	2,222	3,562	1	2	2	2
Wisconsin.....	3,218	2,893	3,456	5,866	2	2	3	4
Minnesota.....	5,231	6,936	8,801	11,197	3	6	8	7
Iowa.....	7,134	8,663	11,027	18,458	4	7	10	11
Missouri.....	8,290	5,614	4,619	7,458	5	5	4	4
Virginia.....	502	548	910	1,685	( <sup>2</sup> )	( <sup>2</sup> )	1	1
North Carolina.....	( <sup>1</sup> )	( <sup>1</sup> )	216	550			( <sup>2</sup> )	( <sup>2</sup> )
South Carolina.....	( <sup>1</sup> )	( <sup>1</sup> )	330	796			( <sup>2</sup> )	( <sup>2</sup> )
Georgia.....	869	612	1,670	2,729	1	( <sup>2</sup> )	1	2
Florida.....	348	107	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>2</sup> )		
Kentucky.....	450	892	1,072	1,364	( <sup>2</sup> )	1	1	1
Tennessee.....	331	697	1,572	2,320	( <sup>2</sup> )	1	1	1
Alabama.....	549	291	620	1,202	( <sup>2</sup> )	( <sup>2</sup> )	1	1
Mississippi.....	( <sup>1</sup> )	( <sup>1</sup> )	131	463			( <sup>2</sup> )	( <sup>2</sup> )
Arkansas.....	50	49	105	334	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Louisiana.....	248	281	325	823	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Oklahoma.....	( <sup>1</sup> )	( <sup>1</sup> )	2,037	2,874			2	2
Texas.....	5,072	3,650	3,985	7,906	3	3	4	5
Arizona.....	57	277	312	445	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
North Dakota.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )				
South Dakota.....	( <sup>1</sup> )	1,796	( <sup>1</sup> )	( <sup>1</sup> )		1		
Nebraska.....	10,122	6,037	4,708	7,842	6	4	4	5
Kansas.....	17,805	9,068	7,384	10,661	11	7	6	6
Montana.....	210	247	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>2</sup> )		
Idaho.....	89	111	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>2</sup> )		
Colorado.....	1,848	1,497	1,477	2,686	1	1	1	2
Utah.....	446	272	244	594	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Washington.....	1,222	1,283	1,235	1,977	1	1	1	1
Oregon.....	772	646	646	910	( <sup>2</sup> )	1	1	1
California.....	3,405	3,858	4,656	7,969	2	3	4	5
Other States.....	4,894	3,525	4,290	7,345	3	3	4	4

<sup>1</sup> Withheld to avoid disclosing figures for individual companies.

<sup>2</sup> Less than 0.5 percent.

Source: Census of Manufactures, 1929, 1939, and 1947.

## II. EMPLOYMENT—Continued

(b) *Hosiery, full-fashioned and seamless, 1929-47*

State	Production and related workers					
	Number			Percent of United States total		
	1929	1939	1947	1929	1939	1947
United States.....	129,542	159,052	126,491	100	100	100
New Hampshire.....	1,533	( <sup>1</sup> )	( <sup>1</sup> )	1	-----	-----
Massachusetts.....	2,528	( <sup>1</sup> )	( <sup>1</sup> )	2	-----	-----
New York.....	4,652	( <sup>1</sup> )	2,117	4	-----	2
New Jersey.....	4,934	( <sup>1</sup> )	3,361	4	-----	3
Pennsylvania.....	49,810	41,704	29,180	38	26	23
Indiana.....	5,034	( <sup>1</sup> )	( <sup>1</sup> )	4	-----	-----
Illinois.....	2,813	( <sup>1</sup> )	1,768	2	-----	1
Michigan.....	1,117	( <sup>1</sup> )	( <sup>1</sup> )	1	-----	-----
Wisconsin.....	8,178	5,790	4,226	6	4	3
Virginia.....	1,898	5,265	3,897	1	3	3
North Carolina.....	19,670	42,664	41,178	15	27	33
South Carolina.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	-----	-----	-----
Georgia.....	4,536	8,638	7,962	4	5	6
Tennessee.....	13,402	15,476	14,152	10	10	11
Alabama.....	1,544	( <sup>1</sup> )	( <sup>1</sup> )	1	-----	-----
Mississippi.....	( <sup>1</sup> )	1,697	1,961	-----	1	2
Other States.....	8,893	37,818	16,689	7	24	13

<sup>1</sup> Withheld to avoid disclosing figures for individual companies.

Source: Census of Manufactures, 1929, 1939, and 1947.

(c) *Men's clothing, 1929-47*

State	Production and related workers					
	Number			Percent of United States total		
	1929	1939	1947	1929	1939	1947
United States.....	149,868	116,852	132,866	100	100	100
Massachusetts.....	5,551	( <sup>1</sup> )	( <sup>1</sup> )	4	-----	-----
New York.....	47,210	36,336	42,536	32	32	32
New Jersey.....	7,910	( <sup>1</sup> )	( <sup>1</sup> )	5	-----	-----
Pennsylvania.....	18,473	( <sup>1</sup> )	( <sup>1</sup> )	12	-----	-----
Maryland.....	10,007	9,436	7,701	7	8	5
Ohio.....	13,215	10,110	9,191	9	9	7
Indiana.....	2,236	1,603	1,617	1	1	1
Illinois.....	20,304	( <sup>1</sup> )	( <sup>1</sup> )	14	-----	-----
Wisconsin.....	2,467	561	795	2	( <sup>2</sup> )	1
Minnesota.....	2,128	422	732	1	( <sup>2</sup> )	1
Missouri.....	4,957	( <sup>1</sup> )	( <sup>1</sup> )	3	-----	-----
Virginia.....	2,381	2,202	2,450	2	2	2
Georgia.....	428	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	-----	-----
Kentucky.....	2,186	2,530	4,299	1	2	3
Tennessee.....	1,273	( <sup>1</sup> )	( <sup>1</sup> )	1	-----	-----
Louisiana.....	1,337	1,442	1,541	1	1	1
Texas.....	277	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	-----	-----
Oregon.....	488	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	-----	-----
California.....	2,267	( <sup>1</sup> )	2,843	2	-----	2
Other States.....	4,773	52,210	59,161	3	45	45

<sup>1</sup> Withheld to avoid disclosing figures for individual companies.<sup>2</sup> Less than 0.5 percent.

Source: Census of Manufactures, 1929, 1939, and 1947.

II. EMPLOYMENT—Continued

(d) Motor vehicles, 1919-47

State	Production and related workers							
	Number				Percent of United States total			
	1919	1929	1939	1947	1919	1929	1939	1947
United States.....	343, 115	447, 448	393, 617	599, 301	100	100	100	100
New York.....	30, 483	30, 220	16, 076	34, 519	9	7	4	6
New Jersey.....	5, 519	8, 702	7, 274	11, 660	2	2	2	2
Pennsylvania.....	14, 708	19, 409	13, 716	18, 831	4	4	3	3
Ohio.....	45, 882	57, 611	28, 147	58, 646	13	13	7	10
Indiana.....	25, 773	34, 226	27, 161	49, 782	8	8	7	8
Illinois.....	8, 805	8, 507	7, 961	15, 927	3	2	2	3
Michigan.....	175, 985	214, 368	252, 006	325, 844	51	48	64	54
Wisconsin.....	13, 585	23, 585	14, 331	21, 568	4	5	4	4
Missouri.....	3, 240	10, 306	(1)	16, 722	1	2	-----	3
California.....	3, 008	7, 613	6, 284	13, 579	1	2	2	2
Other States.....	16, 127	32, 901	20, 661	32, 223	5	7	5	5

<sup>1</sup> Withheld to avoid disclosing figures for individual companies.

<sup>2</sup> A number of employees manufacturing truck or automobile trailers, or truck or bus bodies are omitted from this total.

Source: Census of Manufactures, 1929, 1939, and 1947.

III. WAGE RATES

(a) Average union hourly wage rates in book and job printing trades, in selected cities, July 1, 1949

City	Average hourly rate	City	Average hourly rate	City	Average hourly rate
Oakland, Calif.....	\$2.470	Grand Rapids, Mich..	\$2.000	Denver, Colo.....	\$1.838
Seattle, Wash.....	2.443	Erie, Pa.....	1.999	Des Moines, Iowa.....	1.829
Chicago, Ill.....	2.411	Rochester, N. Y.....	1.996	New Orleans, La.....	1.814
Houston, Tex.....	2.338	Indianapolis, Ind.....	1.995	Washington, D. C.....	1.793
Los Angeles, Calif.....	2.311	Worcester, Mass.....	1.989	Butte, Mont.....	1.781
San Francisco, Calif.....	2.254	South Bend, Ind.....	1.981	Wichita, Kans.....	1.776
Phoenix, Ariz.....	2.230	Charlotte, N. C.....	1.976	Jacksonville, Fla.....	1.770
Portland, Oreg.....	2.187	Chattanooga, Tenn.....	1.965	Syracuse, N. Y.....	1.766
Newark, N. J.....	2.174	Atlanta, Ga.....	1.954	Louisville, Ky.....	1.761
New York, N. Y.....	2.135	Mobile, Ala.....	1.950	York, Pa.....	1.761
Knoxville, Tenn.....	2.134	Omaha, Nebr.....	1.947	Rock Island, Ill, district <sup>1</sup>	1.749
Detroit, Mich.....	2.130	Buffalo, N. Y.....	1.935	Springfield, Mass.....	1.727
Pittsburgh, Pa.....	2.113	Milwaukee, Wis.....	1.935	Baltimore, Md.....	1.724
Providence, R. I.....	2.097	Norfolk, Va.....	1.933	San Antonio, Tex.....	1.712
		Toledo, Ohio.....	1.933	Manchester, N. H.....	1.689
<b>AVERAGE, ALL CITIES.</b>	<b>2.083</b>	Reading, Pa.....	1.924	Oklahoma City, Okla.....	1.670
		Charleston, W. Va.....	1.921	Duluth, Minn.....	1.651
El Paso, Tex.....	2.077	Kansas City, Mo.....	1.914	Savannah, Ga.....	1.650
Dallas, Tex.....	2.072	Boston, Mass.....	1.913	Little Rock, Ark.....	1.641
Cleveland, Ohio.....	2.053	St. Louis, Mo.....	1.907	St. Paul, Minn.....	1.628
Columbus, Ohio.....	2.050	Miami, Fla.....	1.904	Memphis, Tenn.....	1.627
Philadelphia, Pa.....	2.030	Birmingham, Ala.....	1.875	Jackson, Miss.....	1.625
Cincinnati, Ohio.....	2.019	Charleston, S. C.....	1.860	Youngstown, Ohio.....	1.595
Dayton, Ohio.....	2.016	New Haven, Conn.....	1.860	Scranton, Pa.....	1.537
Minneapolis, Minn.....	2.010	Salt Lake City, Utah.....	1.849	Richmond, Va.....	1.300
Peoria, Ill.....	2.006	Spokane, Wash.....	1.840	Portland, Maine.....	1.284

<sup>1</sup> Includes Rock Island and Moline, Ill., and Davenport, Iowa.

Source: U. S. Department of Labor, Bureau of Labor Statistics.

## III. WAGE RATES—Continued

(b) Average union hourly wage rates for journeymen in the building trades, in selected cities, July 1, 1949

City	Average hourly rate	City	Average hourly rate	City	Average hourly rate
Newark, N. J.	\$2.889	Columbus, Ohio	\$2.252	El Paso, Tex.	\$2.093
New York, N. Y.	2.801	Baltimore, Md.	2.241	Milwaukee, Wis.	2.083
Washington, D. C.	2.523	Denver, Colo.	2.240	Erie, Pa.	2.075
Philadelphia, Pa.	2.508	New Haven, Conn.	2.233	Mobile, Ala.	2.072
Pittsburgh, Pa.	2.498	Kansas City, Mo.	2.223	Wichita, Kans.	2.068
St. Louis, Mo.	2.469	Charleston, W. Va.	2.217	Worcester, Mass.	2.045
Chicago, Ill.	2.458	Phoenix, Ariz.	2.211	Providence, R. I.	2.041
Cleveland, Ohio	2.425	Oklahoma City, Okla.	2.208	Birmingham, Ala.	2.036
Boston, Mass.	2.367	Louisville, Ky.	2.205	Richmond, Va.	2.024
Detroit, Mich.	2.354	Portland, Ore.	2.203	New Orleans, La.	2.019
<b>AVERAGE, ALL CITIES.</b>	<b>2.343</b>	Los Angeles, Calif.	2.202	Norfolk, Va.	2.018
Dayton, Ohio	2.341	Reading, Pa.	2.201	Knoxville, Tenn.	2.010
Youngstown, Ohio	2.335	Miami, Fla.	2.198	Atlanta, Ga.	1.995
Toledo, Ohio	2.330	Dallas, Tex.	2.193	Memphis, Tenn.	1.978
Peoria, Ill.	2.326	Rock Island, Ill., district 1	2.190	Chattanooga, Tenn.	1.973
Seattle, Wash.	2.317	Springfield, Mass.	2.181	Jackson, Miss.	1.970
Indianapolis, Ind.	2.316	Minneapolis, Minn.	2.146	Jacksonville, Fla.	1.960
Buffalo, N. Y.	2.301	Butte, Mont.	2.144	Little Rock, Ark.	1.958
San Francisco, Calif.	2.277	Houston, Tex.	2.142	Savannah, Ga.	1.956
Oakland, Calif.	2.275	Omaha, Nebr.	2.141	Charleston, S. C.	1.952
Cincinnati, Ohio	2.274	Scranton, Pa.	2.137	Salt Lake City, Utah	1.938
Rochester, N. Y.	2.270	San Antonio, Tex.	2.129	Manchester, N. H.	1.917
South Bend, Ind.	2.269	Grand Rapids, Mich.	2.124	Duluth, Minn.	1.899
Spokane, Wash.	2.254	Des Moines, Iowa	2.106	Charlotte, N. C.	1.837
Syracuse, N. Y.	2.254	St. Paul, Minn.	2.106	Portland, Maine	1.807
				York, Pa.	1.770

<sup>1</sup> Includes Rock Island and Moline, Ill., and Davenport, Iowa.

Source: U. S. Department of Labor, Bureau of Labor Statistics.

(c) Average union hourly wage rates for helpers and laborers in the building trades, in selected cities, July 1, 1949

City	Average hourly rate	City	Average hourly rate	City	Average hourly rate
Newark, N. J.	\$2.123	<b>AVERAGE, ALL CITIES.</b>	<b>\$1.548</b>	Omaha, Nebr.	\$1.315
New York, N. Y.	1.948	Norfolk, Va.	1.540	Wichita, Kans.	1.300
Cleveland, Ohio	1.859	Rock Island, Ill., district 1	1.539	Manchester, N. H.	1.291
Seattle, Wash.	1.831	Denver, Colo.	1.537	Baltimore, Md.	1.286
Chicago, Ill.	1.808	Erie, Pa.	1.531	Oklahoma City, Okla.	1.287
Toledo, Ohio	1.740	Des Moines, Iowa	1.515	Portland, Maine	1.265
Portland, Ore.	1.727	Minneapolis, Minn.	1.515	Houston, Tex.	1.199
Detroit, Mich.	1.715	Providence, R. I.	1.512	York, Pa.	1.120
Peoria, Ill.	1.710	St. Paul, Minn.	1.491	Dallas, Tex.	1.106
Oakland, Calif.	1.673	Columbus, Ohio.	1.482	Miami, Fla.	1.102
South Bend, Ind.	1.673	Phoenix, Ariz.	1.470	San Antonio, Tex.	1.072
Buffalo, N. Y.	1.670	Butte, Mont.	1.453	New Orleans, La.	1.067
Boston, Mass.	1.665	Syracuse, N. Y.	1.452	Mobile, Ala.	1.061
Spokane, Wash.	1.664	Springfield, Mass.	1.455	Chattanooga, Tenn.	1.022
St. Louis, Mo.	1.637	Worcester, Mass.	1.434	Birmingham, Ala.	1.016
San Francisco, Calif.	1.632	Louisville, Ky.	1.428	Memphis, Tenn.	1.001
Milwaukee, Wis.	1.623	Reading, Pa.	1.425	El Paso, Tex.	.997
Kansas City, Mo.	1.616	Grand Rapids, Mich.	1.406	Atlanta, Ga.	.977
Rochester, N. Y.	1.602	Philadelphia, Pa.	1.400	Richmond, Va.	.973
Dayton, Ohio	1.588	Charleston, W. Va.	1.394	Knoxville, Tenn.	.957
Los Angeles, Calif.	1.586	Scranton, Pa.	1.392	Jackson, Miss.	.945
Youngstown, Ohio	1.585	Washington, D. C.	1.383	Little Rock, Ark.	.903
Pittsburgh, Pa.	1.581	Duluth, Minn.	1.364	Jacksonville, Fla.	.897
Cincinnati, Ohio	1.577	Salt Lake City, Utah	1.340	Savannah, Ga.	.879
New Haven, Conn.	1.576			Charlotte, N. C.	.864
Indianapolis, Ind.	1.571			Charleston, S. C.	.787

<sup>1</sup> Includes Rock Island and Moline, Ill., and Davenport, Iowa.

Source: U. S. Department of Labor, Bureau of Labor Statistics.

III. WAGE RATES—Continued

(d) Average union hourly wage rates for motortruck drivers, in selected cities, July 1, 1949

City	Average hourly rate	City	Average hourly rate	City	Average hourly rate
Newark, N. J.	\$1.796	Buffalo, N. Y.	\$1.409	Worcester, Mass.	\$1.247
Oakland, Calif.	1.794	Cincinnati, Ohio	1.407	Salt Lake City, Utah	1.238
San Francisco, Calif.	1.781	Minneapolis, Minn.	1.403	Houston, Tex.	1.227
Seattle, Wash.	1.758	St. Paul, Minn.	1.393	El Paso, Tex.	1.224
New York, N. Y.	1.718	Youngstown, Ohio	1.387	Little Rock, Ark.	1.210
Chicago, Ill.	1.678	Louisville, Ky.	1.376	Dallas, Tex.	1.202
Los Angeles, Calif.	1.653	Rochester, N. Y.	1.375	Manchester, N. H.	1.199
Spokane, Wash.	1.613	Dayton, Ohio	1.373	Reading, Pa.	1.197
Detroit, Mich.	1.584	Grand Rapids, Mich.	1.371	Miami, Fla.	1.183
Portland, Oreg.	1.563	Columbus, Ohio	1.364	Oklahoma City, Okla.	1.183
Peoria, Ill.	1.562	Wichita, Kans.	1.361	York, Pa.	1.177
<b>AVERAGE, ALL CITIES.</b>	<b>1.548</b>	Erie, Pa.	1.352	Atlanta, Ga.	1.151
Pittsburgh, Pa.	1.540	Syracuse, N. Y.	1.336	San Antonio, Tex.	1.138
Phoenix, Ariz.	1.513	Providence, R. I.	1.331	Knoxville, Tenn.	1.112
Cleveland, Ohio.	1.508	Rock Island (Ill.) dis-		Birmingham, Ala.	1.106
Philadelphia, Pa.	1.504	trict 1	1.324	Charleston, S. C.	1.101
South Bend, Ind.	1.497	Indianapolis, Ind.	1.319	Norfolk, Va.	1.093
Toledo, Ohio.	1.497	New Haven, Conn.	1.319	Chattanooga, Tenn.	1.092
Charleston, W. Va.	1.489	Omaha, Nebr.	1.317	Jackson, Miss.	1.085
Boston, Mass.	1.456	Denver, Colo.	1.313	Jacksonville, Fla.	1.077
Butte, Mont.	1.451	Washington, D. C.	1.309	Memphis, Tenn.	1.075
St. Louis, Mo.	1.442	Scranton, Pa.	1.307	Savannah, Ga.	1.058
Milwaukee, Wis.	1.441	Baltimore, Md.	1.306	Richmond, Va.	1.044
Duluth, Minn.	1.431	Mobile, Ala.	1.293	New Orleans, La.	1.018
Kansas City, Mo.	1.423	Springfield, Mass.	1.288	Portland, Maine	.994
		Des Moines, Iowa.	1.275	Charlotte, N. C.	.941

<sup>1</sup> Includes Rock Island and Moline, Ill., and Davenport, Iowa.

Source: U. S. Department of Labor, Bureau of Labor Statistics.

(e) Average union hourly wage rates in bread and cake machine shops, in selected cities, July 1, 1949

City	Average hourly rate	City	Average hourly rate	City	Average hourly rate
Oakland, Calif.	\$1.930	Salt Lake City, Utah.	\$1.254	Grand Rapids, Mich.	\$1.149
San Francisco, Calif.	1.800	Kansas City, Mo.	1.252	New Orleans, La.	1.136
Los Angeles, Calif.	1.655	Chicago, Ill.	1.249	Omaha, Nebr.	1.133
Butte, Mont.	1.578	Des Moines, Iowa	1.238	Reading, Pa.	1.130
Spokane, Wash.	1.556	South Bend, Ind.	1.235	San Antonio, Tex.	1.129
Washington, D. C.	1.529	Minneapolis, Minn.	1.235	Houston, Tex.	1.123
Portland, Oreg.	1.506	Toledo, Ohio	1.233	Cleveland, Ohio	1.114
Cincinnati, Ohio	1.449	Boston, Mass.	1.229	Little Rock, Ark.	1.109
Rochester, N. Y.	1.386	New Haven, Conn.	1.229	Milwaukee, Wis.	1.086
Denver, Colo.	1.374	Duluth, Minn.	1.227	Richmond, Va.	1.089
Peoria, Ill.	1.374	Portland, Maine	1.226	Memphis, Tenn.	1.052
New York, N. Y.	1.371	Worcester, Mass.	1.224	Charleston, W. Va.	1.045
Newark, N. J.	1.370	Philadelphia, Pa.	1.215	El Paso, Tex.	1.042
Phoenix, Ariz.	1.369	St. Paul, Minn.	1.209	Chattanooga, Tenn.	1.028
Seattle, Wash.	1.368	Indianapolis, Ind.	1.206	Charlotte, N. C.	1.009
St. Louis, Mo.	1.346	Columbus, Ohio	1.195	Knoxville, Tenn.	.998
Youngstown, Ohio.	1.327	Dallas, Tex.	1.189	Birmingham, Ala.	.980
Pittsburgh, Pa.	1.315	Louisville, Ky.	1.186	Atlanta, Ga.	.977
Dayton, Ohio	1.305	Rock Island, Ill.,		Baltimore, Md.	.974
Buffalo, N. Y.	1.283	district 1	1.182	Jacksonville, Fla.	.970
<b>AVERAGE, ALL CITIES.</b>	<b>1.278</b>	Syracuse, N. Y.	1.179	Norfolk, Va.	.949
		Providence, R. I.	1.171	Miami, Fla.	.932
Oklahoma City, Okla.	1.265	Springfield, Mass.	1.163	Jackson, Miss.	.912
Detroit, Mich.	1.255	Wichita, Kans.	1.161	Savannah, Ga.	.784
		Scranton, Pa.	1.157		

<sup>1</sup> Includes Rock Island and Moline, Ill., and Davenport, Iowa.

Source: U. S. Department of Labor, Bureau of Labor Statistics.

## III. WAGE RATES—Continued

(f) *Straight-time average hourly earnings<sup>1</sup> for men in selected occupations in ferrous foundries in 24 cities, June 1949*

City	Chippers and grinders	Core-makers, hand	Molders, floor	Molders, hand, bench	Molders, machine	Shake-out men
Baltimore.....	\$1.12	\$1.40	\$1.55	\$1.52	(?)	\$1.18
Birmingham.....	.93	1.16	1.19	1.16	\$1.26	.95
Boston.....	1.24	1.67	1.67	1.68	1.62	1.25
Buffalo.....	1.49	1.70	1.60	1.66	1.90	1.48
Chicago.....	1.50	1.82	1.72	1.70	1.76	1.43
Cincinnati.....	1.32	1.71	1.72	1.56	1.67	1.29
Cleveland.....	1.55	1.83	1.78	1.72	1.78	1.50
Denver.....	1.21	1.53	1.53	(?)	(?)	1.15
Detroit.....	1.66	1.91	1.84	1.87	1.93	1.52
Hartford.....	1.30	1.53	1.81	1.60	1.79	1.10
Houston.....	1.11	1.57	1.67	(?)	(?)	1.23
Indianapolis.....	1.58	1.75	1.69	1.61	1.91	1.39
Los Angeles.....	1.30	1.67	1.82	1.66	1.98	1.31
Milwaukee.....	1.67	1.88	1.75	1.57	1.87	1.41
Minneapolis-St. Paul.....	1.35	1.58	1.59	1.58	1.60	1.47
Newark-Jersey City.....	1.21	1.62	1.69	1.73	1.78	1.27
New York.....	1.29	(?)	1.69	1.66	1.68	1.20
Philadelphia.....	1.52	1.93	1.75	1.67	1.84	1.27
Pittsburgh.....	1.49	1.78	1.75	1.58	1.73	1.32
Portland, Oreg.....	1.51	1.79	1.77	1.79	(?)	1.57
St. Louis.....	1.63	1.81	1.67	1.73	1.65	1.27
San Francisco.....	1.46	1.77	1.77	1.76	1.75	1.39
Seattle.....	1.45	1.75	1.76	1.74	(?)	1.34
Toledo.....	1.71	1.79	)	1.71	2.01	1.43

<sup>1</sup> Excludes premium pay for overtime and night work.<sup>2</sup> Insufficient data to justify presentation of an average.

Source: U. S. Department of Labor, Bureau of Labor Statistics.

(g) *Straight-time average hourly earnings<sup>1</sup> for selected occupations in machine-tool accessory establishments in 10 cities, December 1948.*

Occupation, grade, and sex	Boston, Mass.	Chicago, Ill.	Cleveland, Ohio	Detroit, Mich.	Hartford, Conn.	Indianapolis, Ind.	Milwaukee, Wis.	Newark and Jersey City, N. J.	New York, N. Y.	Providence, R. I.
Plant occupations, men:										
Engine-lathe operators:										
Class A.....	(?)	\$1.84	\$1.64	\$2.12	\$1.42	\$1.52	\$1.66	\$1.64	\$1.73	\$1.53
Class B.....	(?)	1.67	1.60	1.73	1.47	(?)	(?)	1.36	1.37	(?)
Grinding-machine operators:										
Class A.....	\$1.51	1.85	1.78	2.16	1.74	1.79	1.66	1.66	1.70	1.57
Class B.....	1.20	1.62	1.51	1.76	1.61	1.48	1.45	1.38	1.35	1.30
Class C.....	(?)	1.31	1.35	1.50	1.23	(?)	(?)	(?)	(?)	(?)
Inspectors:										
Class A.....	(?)	1.71	1.89	2.19	1.53	(?)	1.65	1.85	(?)	(?)
Class B.....	(?)	1.57	1.46	1.76	(?)	(?)	(?)	(?)	(?)	1.30
Janitors.....										
.....	.93	1.12	1.06	1.39	.99	.99	1.15	.94	.99	.92
Machinists, production.....										
.....	1.34	1.66	1.62	(?)	(?)	1.67	1.51	1.55	1.72	1.34
Milling-machine operators:										
Class A.....	(?)	1.85	1.65	2.11	1.55	1.68	1.65	1.53	1.62	1.52
Class B.....	(?)	1.75	1.57	1.72	1.39	(?)	(?)	(?)	1.36	1.29
Class C.....	1.03	1.38	1.41	1.55	1.30	(?)	(?)	(?)	(?)	(?)
Tool-and-die makers.....										
.....	1.71	2.07	1.85	2.22	1.60	1.82	1.83	1.84	1.66	1.64

<sup>1</sup> Excludes premium pay for overtime and night work.<sup>2</sup> Insufficient data to justify presentation of an average.

Source: U. S. Department of Labor, Bureau of Labor Statistics.

## III. WAGE RATES—Continued

(h) *Straight-time average hourly earnings<sup>1</sup> for selected occupations in the cotton-textile industry in selected areas, April 1949*

Occupation and sex	New England			South				
	Connecticut and Rhode Island	Fall River and New Bedford, Mass.	North-ern New England	Char-lotte, N. C.	East-central Alabama	Green-ville and Spartan-burg, S. C.	North-west Georgia	States-ville, N. C.
<b>PLANT OCCUPATIONS</b>								
<b>Men:</b>								
Card grinders.....	\$1.29	\$1.27	\$1.28	\$1.19	\$1.29	\$1.32	\$1.31	\$1.19
Card tenders.....	1.13	1.11	1.10	.97	1.07	.98	1.01	1.01
Doffers, spinning frame..	1.18	1.24	1.17	1.03	1.15	1.12	1.25	1.10
Janitors (excluding machinery cleaners)	.98	.98	.97	.89	.84	.92	.93	.91
Loom fixers, other than Jacquard and box.....	1.47	1.49	1.48	1.43	1.40	1.39	1.39	1.41
Machinists, maintenance.	1.38	1.39	1.40	1.38	1.34	1.37	1.44	1.40
Mechanics, maintenance.	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1.14	1.27	1.33	1.28	1.18
Shearing-machine operators.....	( <sup>2</sup> )	1.23	1.20	1.13	1.04	.98	( <sup>2</sup> )	1.20
Slasher tenders.....	1.31	1.37	1.35	1.26	1.20	1.10	1.24	1.22
Slubber tenders.....	1.25	1.27	1.30	1.09	1.17	1.14	1.19	1.16
Truckers, hand (including bobbin boys).....	1.00	.98	.99	.91	.92	.94	.97	.95
<b>Weavers:</b>								
Dobby.....	( <sup>2</sup> )	( <sup>2</sup> )	1.34	1.36	( <sup>2</sup> )	1.24	( <sup>2</sup> )	1.27
Plain automatic.....	1.28	1.29	1.34	1.25	1.20	1.22	1.20	1.24
<b>Women:</b>								
Battery hands.....	1.01	1.00	1.01	.97	.96	.96	.97	.93
Doffers, spinning frame..	( <sup>2</sup> )	( <sup>2</sup> )	1.16	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Spinners, ring frame.....	1.14	1.10	1.12	1.01	1.07	1.02	1.07	1.01
Weavers, plain automatic.	1.29	1.26	1.27	1.21	1.20	1.19	( <sup>2</sup> )	1.24
<b>Winders:</b>								
Cone, high speed, automatic.....	1.18	( <sup>2</sup> )	1.18	.98	( <sup>2</sup> )	1.02	1.03	( <sup>2</sup> )
Cone, high speed, nonautomatic.....	( <sup>2</sup> )	( <sup>2</sup> )	1.08	.92	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	.98
Filling, automatic.....	1.15	1.13	( <sup>2</sup> )	1.12	1.04	.99	( <sup>2</sup> )	1.07
Filling, nonautomatic.	( <sup>2</sup> )	1.17	( <sup>2</sup> )	.93	( <sup>2</sup> )	.99	( <sup>2</sup> )	( <sup>2</sup> )
<b>OFFICE OCCUPATIONS</b>								
<b>Women:</b>								
Clerks, pay roll.....	1.10	1.10	1.06	1.11	1.13	1.12	1.14	1.03
Clerk-typists.....	1.01	( <sup>2</sup> )	1.03	( <sup>2</sup> )	1.12	1.03	1.13	.99
Stenographers, general.....	1.05	1.11	1.04	1.14	1.30	1.20	1.16	1.16

<sup>1</sup> Excludes premium pay for overtime and night work.<sup>2</sup> Insufficient data to justify presentation of an average.

Source: U. S. Department of Labor, Bureau of Labor Statistics.

## III. WAGE RATES—Continued

(2) *Straight-time average hourly earnings<sup>1</sup> for selected occupations in the rayon and silk textile industry in selected areas, April 1949*

Occupation and sex	New England		Middle Atlantic		Southeast			
	Northern New England	Southern New England	Allen-town and Bethle-hem, Pa.	Scranton and Wilkes-Barre, Pa.	Char-lotte, N. C.	Green-ville, S. C.	Greens-boro and Burling-ton, N. C.	West-ern Vir-ginia
<b>PLANT OCCUPATIONS</b>								
<b>Men:</b>								
Janitors.....	\$0.97	\$1.00	\$0.95	\$0.91	\$0.91	\$0.91	\$0.91	\$0.90
Loom fixers:								
Box.....	(?)	1.51	1.57	1.47	1.50	(?)	1.57	1.39
Plain.....	1.49	1.49	(?)	1.46	(?)	(?)	1.56	1.55
Machinists, maintenance...	1.54	1.43	(?)	1.42	1.31	1.37	1.44	1.44
Mechanics, maintenance...	(?)	1.39	1.23	1.25	1.21	1.30	1.28	1.21
Slasher tenders.....	1.44	1.44	1.12	1.29	1.20	1.21	1.34	1.26
Truckers, hand, general....	.99	1.09	1.04	.96	.94	.96	.97	.96
Weavers:								
Box, automatic.....	(?)	1.26	1.36	(?)	(?)	(?)	1.33	(?)
Box, nonautomatic.....	(?)	(?)	1.40	(?)	(?)	(?)	(?)	(?)
Dobby.....	1.33	1.29	(?)	(?)	1.27	1.32	(?)	(?)
Plain automatic.....	1.28	1.28	(?)	(?)	1.28	(?)	1.33	1.28
<b>Women:</b>								
Inspectors, cloth, machine.	1.02	1.04	1.01	.96	.98	1.03	1.10	1.00
Spinners, 5-B.....	(?)	1.11	1.00	1.02	(?)	(?)	1.08	(?)
Weavers:								
Box, nonautomatic.....	(?)	(?)	1.32	1.21	(?)	(?)	(?)	(?)
Dobby.....	1.30	1.27	(?)	(?)	1.27	1.32	(?)	(?)
Plain automatic.....	1.29	1.28	(?)	1.20	1.27	(?)	(?)	1.24
Cone, high speed.....	(?)	1.19	1.13	1.00	1.03	(?)	1.11	(?)
Filling, automatic.....	1.13	1.13	1.06	1.01	(?)	(?)	(?)	(?)
Filling, nonautomatic....	1.16	1.12	1.02	1.04	1.05	1.04	1.07	1.01
<b>OFFICE OCCUPATIONS</b>								
<b>Women:</b>								
Clerks, pay roll.....	1.07	1.01	1.10	1.01	1.12	1.18	1.12	1.06
Clerk-typists.....	1.01	.96	.95	.95	1.11	1.16	1.00	1.01
Stenographers, general....	1.17	1.22	1.01	1.03	1.09	1.14	1.10	1.07

<sup>1</sup> Excludes premium pay for overtime and night work.<sup>2</sup> Insufficient data to justify presentation of an average.

Source: U. S. Department of Labor, Bureau of Labor Statistics.



## III. WAGE RATES—Continued

(j) *Straight-time average hourly earnings<sup>1</sup> for selected occupations in the woolen and worsted textile industry, in selected areas, May 1949*

Occupation and sex	New England			Phila- delphia, Pa.	Virginia <sup>1</sup> and North Carolina
	Lawrence, Mass.	Northern New England	Rhode Island		
PLANT OCCUPATIONS					
Men:					
Card finishers:					
Bradford system.....	\$1.15	( <sup>2</sup> )	\$1.11	\$1.14	( <sup>2</sup> )
Woolen system.....	1.16	\$1.08	1.36	( <sup>2</sup> )	\$0.95
Card strippers, woolen system.....	1.26	1.15	( <sup>2</sup> )	( <sup>2</sup> )	.98
Comber tenders, worsted system.....	1.22	( <sup>2</sup> )	1.23	1.16	( <sup>2</sup> )
Dyeing-machine tenders:					
Cloth, woolen.....	1.17	1.16	1.22	1.26	.84
Cloth, worsted.....	1.25	( <sup>2</sup> )	1.27	( <sup>2</sup> )	( <sup>2</sup> )
Fuller tenders:					
Woolen.....	1.19	1.15	1.25	1.23	1.07
Worsted.....	1.33	( <sup>2</sup> )	1.33	1.48	( <sup>2</sup> )
Loom fixers:					
Automatic, woolen <sup>3</sup> .....	1.71	1.61	1.70	1.67	1.24
Automatic, worsted <sup>3</sup> .....	1.80	1.61	1.74	1.71	( <sup>2</sup> )
Mechanists, maintenance.....	1.52	1.41	1.53	1.54	1.30
Mechanics, maintenance.....	( <sup>2</sup> )	1.32	1.51	1.51	1.13
Spinners, mule, woolen system.....	1.63	1.49	1.48	( <sup>2</sup> )	1.11
Truckers, hand.....	1.14	1.10	1.14	1.18	.89
Weavers:					
Box, automatic <sup>3</sup> .....	1.58	1.49	1.61	1.58	1.14
Box, nonautomatic <sup>3</sup> .....	( <sup>2</sup> )	1.24	1.53	1.33	( <sup>2</sup> )
Plain, automatic <sup>3</sup> .....	1.60	1.55	1.67	1.58	( <sup>2</sup> )
Women:					
Comber tenders, worsted system.....	( <sup>2</sup> )	( <sup>2</sup> )	1.19	1.13	( <sup>2</sup> )
Doffers, frame, Bradford system.....	1.13	1.07	1.07	1.01	( <sup>2</sup> )
Spinners:					
Frame, Bradford system <sup>4</sup> .....	1.19	1.12	1.19	1.08	( <sup>2</sup> )
Frame, woolen system <sup>4</sup> .....	1.31	1.20	1.21	( <sup>2</sup> )	( <sup>2</sup> )
Weavers:					
Box, automatic <sup>3</sup> .....	1.62	1.45	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Box, nonautomatic <sup>3</sup> .....	1.50	1.11	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Plain, automatic <sup>3</sup> .....	( <sup>2</sup> )	1.47	( <sup>2</sup> )	1.47	( <sup>2</sup> )
Winders:					
Cone, high speed, worsted.....	1.17	1.06	1.17	( <sup>2</sup> )	( <sup>2</sup> )
Filling, nonautomatic, worsted.....	1.24	( <sup>2</sup> )	1.20	( <sup>2</sup> )	( <sup>2</sup> )
OFFICE OCCUPATIONS					
Women:					
Clerks, pay roll.....	1.15	1.09	1.10	1.18	1.17
Clerk-typists.....	1.03	1.05	1.09	1.05	.98
Stenographers, general.....	1.16	1.03	1.25	1.14	1.23

<sup>1</sup> Excludes premium pay for overtime and night work.<sup>2</sup> Insufficient data to justify presentation of an average.<sup>3</sup> Excludes workers employed on Jacquard looms.<sup>4</sup> Excludes workers employed on American system.

NOTE.—The following areas were covered in the study: Lawrence, Mass.—Collinsville, Haverhill, Lowell, Methuen, North Andover, and North Billerica, Mass.; northern New England—Maine, New Hampshire, and Vermont; Rhode Island—entire State; Philadelphia, Pa.—Philadelphia and Delaware Counties, Pa., and Camden County, N. J.; Virginia and North Carolina—entire State.

Source: U. S. Department of Labor, Bureau of Labor Statistics.

## III. WAGE RATES—Continued

(k) Straight-time average hourly earnings<sup>1</sup> in selected occupations in women's and misses' dress manufacturing, August 1948

Occupation and sex	Atlan- ta <sup>2</sup>	Bos- ton <sup>3</sup>	Chicago			Cleve- land <sup>4</sup>	Dal- las <sup>2</sup>	Los An- geles <sup>2</sup>
			All dresses	Dresses priced by the unit	Dresses priced by the dozen			
<b>PLANT OCCUPATIONS</b>								
Cutters, machine, men.....	\$1.47	\$2.00	\$2.19	\$2.40	\$1.59	\$2.07	\$1.26	\$2.35
Inspectors, final examiners, women.....	( <sup>4</sup> )	1.07	.95	.98	.89	.99	.81	1.13
Pressers, finish.....	.65	2.73	2.14	3.00	.96	1.79	.82	1.91
Men.....	( <sup>4</sup> )	3.50	3.35	3.35	( <sup>4</sup> )	2.93	( <sup>4</sup> )	2.49
Women.....	.65	1.40	1.07	( <sup>4</sup> )	.96	1.02	( <sup>4</sup> )	1.55
Sewers, hand finishers, women.....	.76	1.00	1.38	1.43	.96	1.07	.87	1.25
Sewing-machine operators, section system.....	.95	1.30	.96	( <sup>4</sup> )	1.01	1.06	.92	.86
Sewing-machine operators, single-hand (tailor) system.....	.92	1.66	1.77	1.79	( <sup>4</sup> )	1.73	.99	1.77
Men.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	1.69	( <sup>4</sup> )	1.47
Women.....	.92	1.66	1.76	1.79	( <sup>4</sup> )	1.74	.99	1.78
Thread trimmers, women.....	.75	.67	.89	.91	( <sup>4</sup> )	.77	.73	( <sup>4</sup> )
Work distributors, women.....	.89	.79	.91	.91	( <sup>4</sup> )	.92	.68	1.12
<b>OFFICE OCCUPATIONS</b>								
Bookkeepers, hand, women.....	1.21	1.33	1.46	1.42	1.59	( <sup>4</sup> )	( <sup>4</sup> )	1.66
Clerk-typists, women.....	( <sup>4</sup> )	.78	.95	.97	( <sup>4</sup> )	1.05	.84	( <sup>4</sup> )
Stenographers, general, women.....	( <sup>4</sup> )	.96	1.22	1.21	1.23	1.13	.99	1.26

Occupation	Newark			New York	Pater- son	Philadelphia			St. Louis <sup>2</sup>
	All dresses	Dresses priced by the unit	Dresses priced by the dozen			All dresses	Dresses priced by the unit	Dresses priced by the dozen	
<b>PLANT OCCUPATIONS</b>									
Cutters, machine, men.....	\$2.10	\$2.17	\$1.72	\$2.43	( <sup>4</sup> )	\$2.02	\$2.15	\$1.87	\$1.74
Inspectors, final examiners, women.....	1.07	1.11	.81	1.22	\$1.20	.88	.94	( <sup>4</sup> )	.87
Pressers, finish.....	2.01	2.17	1.03	3.18	3.00	1.51	2.12	1.00	1.68
Men.....	2.55	2.56	( <sup>4</sup> )	3.23	3.00	2.70	2.77	( <sup>4</sup> )	2.22
Women.....	1.58	1.75	1.02	2.54	( <sup>4</sup> )	1.00	1.11	.96	1.22
Sewers, hand finishers, women.....	1.20	1.24	.79	1.47	1.24	1.23	1.25	.91	.86
Sewing-machine operators, section system.....	1.29	1.53	.94	1.69	1.51	1.16	1.22	1.10	.99
Sewing-machine operators, single-hand (tailor) system.....	1.70	1.73	( <sup>4</sup> )	2.20	2.02	1.86	1.95	( <sup>4</sup> )	1.37
Men.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	2.70	( <sup>4</sup> )	2.59	2.59	( <sup>4</sup> )	( <sup>4</sup> )
Women.....	1.70	1.73	( <sup>4</sup> )	2.07	2.02	1.72	1.80	( <sup>4</sup> )	1.37
Thread trimmers, women.....	.80	.81	.72	.94	.90	.72	.74	.69	.71
Work distributors, women.....	.84	.91	( <sup>4</sup> )	1.07	( <sup>4</sup> )	.82	.84	.68	.71
<b>OFFICE OCCUPATIONS</b>									
Bookkeepers, hand, women.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	1.56	1.24	1.34	1.41	1.17	1.21
Clerk-typists, women.....	.97	( <sup>4</sup> )	.97	.89	( <sup>4</sup> )	.78	.82	.76	.88
Stenographers, general, women.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	1.06	( <sup>4</sup> )	.92	( <sup>4</sup> )	.92	1.00

<sup>1</sup> Excludes premium pay for overtime and night work.<sup>2</sup> Predominantly unit-priced dresses at wholesale.<sup>3</sup> Predominantly dozen-priced dresses at wholesale.<sup>4</sup> Insufficient number of workers to justify presentation of an average.

Source: U. S. Department of Labor, Bureau of Labor Statistics.

## III. WAGE RATES—Continued

(1) *Straight-time average hourly earnings<sup>1</sup> for selected occupations in the seamless hosiery industry, by type of hosiery and wage area, October 1949*

Occupation and sex	Men's hosiery			Children's hosiery	
	Reading, Pa.	Statesville and Hickory, N. C.	Winston-Salem and High Point, N. C.	Chattanooga, Tenn.	Winston-Salem and High Point, N. C.
PLANT OCCUPATIONS, MEN					
Adjusters and fixers, knitting machine (4 years' experience or more).....	\$1.28	\$1.36	\$1.49	\$1.17	\$1.37
Borders, hand.....	1.08	.89	1.10	.90	.94
Knitters, automatic.....	.87	.91	1.08	(?)	.94
PLANT OCCUPATIONS, WOMEN					
Borders, hand.....	(?)	.75	1.00	.77	.79
Folders and boxers <sup>2</sup> .....	(?)	.75	.97	.85	.78
Inspectors, hosiery.....	.72	.71	.90	(?)	.79
Knitters, automatic.....	.86	.85	1.00	(?)	(?)
Knitters, string.....	(?)	(?)	1.04	(?)	(?)
Knitters, transfer.....	(?)	.73	(?)	.87	.86
Loopers, toe only (1 year's experience or more).....	.93	.81	.99	.85	.94
Menders, hand.....	.80	.66	.85	.76	.69
Pairers.....	.75	.73	.87	.82	.83
OFFICE OCCUPATIONS, WOMEN					
Clerks, pay roll.....	.73	.97	1.02	.93	(?)
Clerk-typists.....	(?)	.86	.93	.88	(?)
Stenographers, general.....	.80	.93	.98	(?)	(?)

<sup>1</sup> Excludes premium pay for overtime and night work.<sup>2</sup> Insufficient data to justify presentation of an average.<sup>3</sup> Workers performing a combination job of folding and boxing.

Source: U. S. Department of Labor, Bureau of Labor Statistics.

## III. WAGE RATES—Continued

(m) Straight-time average hourly earnings<sup>1</sup> for selected occupations in the full-fashioned hosiery industry in selected areas, October 1949

Occupation and sex	Burlington and Greensboro, N. C.	Char- lotte, N. C.	States- ville and Hickory, N. C.	Phila- delphia, Pa.	Reading, Pa.
PLANT OCCUPATIONS, MEN					
Adjusters and fixers, knitting machine (4 years' experience or more).....	\$1.98	\$2.13	\$1.79	\$1.80	\$1.96
Borders, machine.....	(2)	1.22	(2)	1.54	1.77
Knitters, single-unit or backrack:					
42 gage, 24 sections or less.....	(2)	(2)	(2)	(2)	2.13
45 gage, 24 sections or less.....	1.73	(2)	1.36	2.08	2.38
45 gage, 26 sections or more.....	(2)	2.09	(2)	2.32	(2)
51 gage, 24 sections or less.....	1.85	1.90	1.73	2.25	2.19
51 gage, 26 sections or more.....	2.19	2.18	2.09	2.81	(2)
60 gage, 26 sections or more.....	(2)	(2)	(2)	(2)	2.71
Preboarders.....	1.30	1.42	1.28	1.45	1.48
PLANT OCCUPATIONS, WOMEN					
Borders, machine.....	1.31	1.21	1.23	1.60	1.72
Folders.....	1.10	.97	.87	1.07	1.23
Inspectors, hosiery.....	1.13	1.11	.95	.96	1.15
Loopers, toe only (1 year's experience or more).....	1.31	1.24	1.15	1.34	1.41
Menders, hand.....	1.17	(2)	1.15	1.25	1.31
Pairers.....	1.01	1.08	.93	1.14	1.20
Preboarders.....	(2)	1.24	(2)	1.50	1.42
Seamers.....	1.16	1.22	1.03	1.22	1.33
OFFICE OCCUPATIONS, WOMEN					
Clerks, pay roll.....	1.01	1.07	.96	1.01	1.00
Clerk-typists.....	(2)	(2)	(2)	.94	.85
Stenographers, general.....	1.08	(2)	1.00	1.14	1.08

<sup>1</sup> Excludes premium pay for overtime and night work.<sup>2</sup> Insufficient data to justify presentation of an average.

Source: U. S. Department of Labor, Bureau of Labor Statistics.

III. WAGE RATES—Continued

(n) Straight-time average hourly earnings:<sup>1</sup> for selected occupations in men's and boys' suit and coat manufacturing establishments in 10 cities, August-September 1948

Occupation	Baltimore	Boston	Chicago	Cincinnati	Los Angeles	Newark and Jersey City	New York	Philadelphia	Rochester	St. Louis
<b>Men:</b>										
Cutting:										
Cutters and markers.....	\$2.06	\$2.25	\$2.02	\$1.80	\$2.15	\$2.30	\$2.34	\$2.11	\$2.01	\$1.69
Cutters, body-lining.....	1.98	2.02	1.81	1.61	2.01	2.32	2.28	2.01	1.87	1.86
Coat fabrication:										
Basters, body-lining and facing, hand.....										
Basters, collar, hand.....	1.40	1.69	1.46	(?)	1.90	1.94	1.80	1.76	1.57	(?)
Fitters.....	1.57	(?)	1.45	(?)	1.94	1.97	1.84	1.74	1.64	(?)
Pressers, finish, hand.....	1.53	1.62	1.86	(?)	(?)	2.26	2.44	2.34	1.92	(?)
Pressers, finish, machine.....	1.92	1.88	1.79	2.01	2.35	2.26	2.01	1.95	1.73	(?)
Sewing-machine operators.....	1.87	1.83	1.82	2.07	2.09	2.12	1.95	1.94	1.88	1.91
Shapers, edge and bottom.....	1.56	1.78	1.67	1.80	1.91	2.09	2.02	1.79	1.65	2.08
Shapers, under collar.....	1.64	1.73	1.59	1.77	1.93	1.78	2.07	1.81	1.69	(?)
Tailors, all-around.....	1.66	1.93	1.65	1.41	1.94	(?)	1.96	1.93	1.87	(?)
Under-pressers.....	1.68	(?)	1.58	1.52	1.72	(?)	1.79	1.62	1.64	1.12
Under-pressers.....	1.49	1.64	1.55	1.58	2.03	1.95	1.81	1.66	1.71	1.54
Trousers fabrication:										
Pressers, finish.....	2.02	(?)	2.06	1.80	2.42	(?)	1.99	2.13	1.72	2.02
Sewing-machine operators.....	1.54	(?)	1.62	(?)	2.07	(?)	1.79	1.73	1.48	(?)
Under-pressers.....	1.49	(?)	1.64	1.49	1.80	(?)	1.71	1.58	1.61	1.21
Other selected jobs:										
Inspectors, final (examiners).....	1.45	1.40	1.45	1.41	1.93	1.97	1.64	1.30	1.54	1.41
Janitors.....	.76	.89	1.08	.79	(?)	.95	.94	.82	1.03	.83
Maintenance men, general utility.....	(?)	1.25	1.69	1.39	(?)	(?)	1.65	1.64	(?)	1.27
Packers.....	.92	1.10	1.18	1.01	1.32	(?)	1.43	1.29	1.30	(?)
Repairmen, sewing-machine.....	1.61	1.63	1.77	(?)	(?)	(?)	2.09	2.12	1.68	(?)
Stock clerks, garments.....	1.14	(?)	1.08	1.34	(?)	(?)	1.25	1.40	1.40	(?)
Stock clerks, piece goods.....	1.15	1.08	1.12	.91	(?)	(?)	1.37	1.27	1.41	(?)
Work distributors.....	1.03	(?)	.96	(?)	(?)	1.03	1.03	.79	.98	(?)
<b>Women:</b>										
Coat fabrication:										
Basters, body-lining and facing, hand.....										
Basters, canvas, hand.....	1.39	(?)	1.34	1.22	1.53	1.75	1.51	1.41	1.45	1.15
Basters, collar, hand.....	1.38	(?)	1.17	(?)	(?)	1.76	1.51	1.48	1.30	(?)
Button sewers, hand.....	1.45	(?)	1.32	1.41	1.68	1.62	1.50	1.50	1.35	1.31
Buttonhole makers, hand.....	1.16	1.29	1.21	1.19	1.47	1.65	1.40	1.24	1.23	.99
Finishers, hand.....	1.29	1.36	1.28	1.37	1.56	1.51	1.59	1.25	1.33	1.04
Pairers and turners.....	1.11	1.19	1.21	1.17	1.23	1.18	1.26	1.14	1.15	.99
Sewing-machine operators.....	.97	1.08	1.14	.97	1.17	1.16	1.20	1.10	1.21	.91
Shapers, under collar.....	1.29	1.30	1.41	1.32	1.60	1.61	1.56	1.38	1.40	1.19
Thread trimmers (cleaners).....	1.50	(?)	(?)	(?)	(?)	(?)	1.65	1.15	1.54	1.27
Thread trimmers (cleaners).....	1.04	.94	1.10	1.13	1.16	1.20	1.00	1.01	1.24	.93
Trousers fabrication:										
Sewers hand (bench workers, finishers).....										
Sewing-machine operators.....	1.09	(?)	1.15	1.08	1.35	(?)	1.28	1.16	1.16	1.01
Thread trimmers (cleaners).....	1.23	1.43	1.43	1.24	1.42	(?)	1.51	1.44	1.32	1.14
Thread trimmers (cleaners).....	1.03	.98	1.13	1.20	1.09	(?)	1.10	.97	1.16	(?)
Other selected jobs:										
Inspectors, final (examiners).....	1.06	1.14	.95	(?)	1.24	(?)	1.31	1.15	(?)	(?)
Work distributors.....	.91	(?)	.86	(?)	(?)	(?)	1.07	(?)	.97	.85

<sup>1</sup> Excludes premium pay for overtime and night work.  
<sup>2</sup> Insufficient number of workers to justify presentation of average.  
 Source: U. S. Department of Labor, Bureau of Labor Statistics.

## III. WAGE RATES—Continued

(o) *Straight-time average hourly earnings<sup>1</sup> in selected occupations in footwear establishments, by process and wage area, October 1949*

Occupation and sex	Women's cement process shoes							New York, N. Y. <sup>2</sup>	Missouri, (except St. Louis)
	New England								
	Au- burn- Lew- iston, Maine	Boston, Mass.	Haver- hill, Mass.	Lynn, Mass.	South- eastern New Hamp- shire	Worce- ster, Mass.			
<b>PLANT OCCUPATIONS, MEN</b>									
Assemblers for pullover, machine.....	\$1.78	\$1.74	\$1.78	\$1.87	\$1.50	\$1.59	\$1.94	\$1.19	
Bed-machine operators.....	1.55	1.63	1.86	1.57	1.67	1.61	1.97	1.32	
Cutters, vamp and whole shoe:									
Hand.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	2.21	1.35	
Machine.....	1.54	1.69	1.63	1.63	1.52	1.50	2.04	1.26	
Edge trimmers, machine.....	1.63	1.96	1.93	1.67	1.63	1.68	2.40	1.33	
Floor boys.....	( <sup>3</sup> )	.86	.87	.98	.80	.92	.97	.82	
Mechanics, maintenance.....	1.63	( <sup>3</sup> )	1.78	1.69	1.49	1.54	1.93	1.31	
Side lasters, machine.....	1.84	1.92	1.99	1.65	1.65	1.59	2.17	1.30	
Sole attachers, cement.....	1.33	1.52	1.58	1.70	1.43	1.45	2.20	1.05	
Treers.....	1.38	1.64	1.57	1.55	1.46	1.35	1.91	1.32	
Vampers.....			1.31				2.23		
Wood-heel-seat fitters:									
Hand.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	1.81	( <sup>3</sup> )	( <sup>3</sup> )	1.90	1.15	
Machine.....	1.45	1.67	1.53	1.75	1.39	1.51	2.23	1.09	
<b>PLANT OCCUPATIONS, WOMEN</b>									
Fancy stitchers.....	1.14	1.32	1.19	1.09	1.11	1.09	( <sup>3</sup> )	.87	
Floor girls.....	.88	.89	.93	.95	.92	.96	( <sup>3</sup> )	.81	
Top stitchers.....	1.20	1.62	1.29	1.17	1.12	1.15	2.46	.90	
Treers.....							1.76	1.03	
Vampers.....	1.14	( <sup>3</sup> )	1.36	1.08	1.09	1.12	1.65	.93	
<b>OFFICE OCCUPATIONS, WOMEN</b>									
Clerks, pay roll.....	.74	.83	.83	.84	.70	.81	1.10	.86	
Clerk-typists.....	( <sup>3</sup> )	.76	( <sup>3</sup> )	.78	.77	( <sup>3</sup> )	1.01	.68	
Stenographers, general.....	.78	( <sup>3</sup> )	.90	.89	.87	( <sup>3</sup> )	1.20	.88	

See footnotes at end of table, p. 443.

## III. WAGE RATES—Continued

(o) *Straight-time average hourly earnings<sup>1</sup> in selected occupations in footwear establishments, by process and wage area, October 1949—Continued*

Occupation and sex	Women's cement process shoes		Men's Goodyear welt shoes			Children's welt shoes, south-eastern Pennsylvania	Children's stitch-down shoes, New York, N. Y.
	St. Louis, Mo.	Los Angeles, Calif.	Brockton, Mass.	Worcester, Mass.	Illinois		
PLANT OCCUPATIONS, MEN							
Assemblers for pullover, machine.....	\$1.57	( <sup>o</sup> )	\$1.70	\$1.46	\$1.69	\$1.05	-----
Bed-machine operators.....	1.61	( <sup>o</sup> )	1.47	1.48	1.73	1.15	-----
Cutters, vamp and whole shoe:							
Hand.....	1.66	( <sup>o</sup> )	1.47	( <sup>o</sup> )	1.76	1.00	-----
Machine.....	1.52	\$1.83	1.65	1.54	1.60	1.09	\$1.82
Edge trimmers, machine.....	1.72	2.03	1.89	1.71	1.77	1.27	1.90
Floor boys.....	( <sup>o</sup> )	1.03	.91	.99	.84	.78	.79
Goodyear stitchers.....			1.65	1.61	1.60	1.09	1.91
Mechanics, maintenance.....	1.48	1.95	1.58	1.54	1.47	1.10	( <sup>o</sup> )
Side lasters, machine.....	1.61	( <sup>o</sup> )	1.55	1.52	1.51	1.05	-----
Sole attachers, cement.....	1.57	1.63				1.00	-----
Treers.....	1.51	( <sup>o</sup> )	1.43	1.46		.96	1.13
Vampers.....			1.43	1.28			1.87
Wood-heel-seat fitters:							
Hand.....	1.62	( <sup>o</sup> )					-----
Machine.....	1.64	( <sup>o</sup> )					-----
PLANT OCCUPATIONS, WOMEN							
Fancy stitchers.....	1.18	1.63	1.17	1.14	1.04	.94	-----
Floor girls.....	1.00	1.11	.88	.85	.91	.81	-----
Top stitchers.....	1.16	1.67	1.12	1.05	1.14	.92	1.48
Treers.....	1.37	( <sup>o</sup> )			1.10	.81	1.00
Vampers.....	1.25	( <sup>o</sup> )	1.37	1.19	1.22	.95	1.41
OFFICE OCCUPATIONS, WOMEN							
Clerks, pay roll.....	.84	1.22	.81	.83	( <sup>o</sup> )	.89	1.09
Clerk-typists.....	.85	( <sup>o</sup> )	.71	( <sup>o</sup> )	.87	.85	( <sup>o</sup> )
Stenographers, general.....	1.01	( <sup>o</sup> )	.85	.84	( <sup>o</sup> )	.86	1.16

<sup>1</sup> Excludes premium pay for overtime and night work.<sup>2</sup> Study limited to women's street shoes, primarily of cement process manufacture.<sup>3</sup> Insufficient data to justify presentation of an average.

## III. WAGE RATES—Continued

(p) *Straight-time average hourly earnings<sup>1</sup> for selected occupations in wood furniture establishments in selected areas, September 1949.*

Occupation and sex	Chicago, Ill.	Fitchburg and Gardner, Mass.	Grand Rapids, Mich. <sup>2</sup>	Jamestown, N. Y.	Jasper and Tell City, Ind.	Los Angeles, Calif.	Martinsville, Va.	Morganton and Lenoir, N. C.	Rockford, Ill. <sup>2</sup>	Winston-Salem and High Point, N. C.
<b>ALL PLANT OCCUPATIONS</b>										
All workers.....	\$1.23	\$1.09	\$1.20	\$1.17	\$1.07	\$1.45	\$0.90	\$0.92	\$1.23	\$0.88
Men.....	1.25	1.11	1.24	1.20	1.07	1.45	.90	.92	1.29	.89
Women.....	1.01	.98	.99	.98	1.02	1.40	.72	.75	.98	.81
<b>SELECTED PLANT OCCUPATIONS</b>										
<b>Men:</b>										
<b>Assemblers:</b>										
Case goods.....	1.40	1.17	1.41	1.41	1.19	1.42	.99	.97	1.33	.92
Chairs.....	( <sup>3</sup> )	1.16	1.34	1.57	1.13	1.45	( <sup>3</sup> )	1.00	( <sup>3</sup> )	.90
Cut-off saw operators.....	1.30	1.04	1.28	1.26	1.10	1.58	( <sup>3</sup> )	1.09	1.29	.95
Glueers, rough stock.....	1.13	1.19	1.17	1.13	1.05	1.39	( <sup>3</sup> )	.92	1.15	.85
Maintenance men, general utility.....	1.36	1.20	1.38	1.25	1.08	1.68	1.10	1.09	1.34	1.12
Off-bearers, machine.....	1.00	.89	.91	.95	1.01	1.19	.77	.78	.96	.78
Packers, furniture.....	1.19	.98	1.18	1.10	1.06	1.37	.83	.85	1.14	.83
Rubbers, hand.....	1.19	1.20	1.31	1.42	1.17	1.41	.84	.85	1.26	.83
<b>Sanders:</b>										
Belt.....	1.35	1.22	1.40	1.31	1.10	1.48	1.03	1.02	1.42	.93
Hand.....	1.18	1.12	1.14	1.24	1.12	1.26	.84	.85	1.27	.80
Shaper operators, hand, set-up and operate.....	1.44	1.17	1.37	1.34	1.12	1.68	1.04	1.06	1.50	1.02
Sprayers.....	1.37	1.34	1.39	1.44	1.13	1.59	.95	.99	1.45	.95
<b>Women:</b>										
Off-bearers, machine.....	( <sup>3</sup> )	.78	.92	.90	1.08	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Sanders, hand.....	1.15	1.09	1.00	.86	1.02	1.27	( <sup>3</sup> )	.73	1.03	.81
<b>SELECTED OFFICE OCCUPATIONS</b>										
<b>Women:</b>										
Bookkeepers, hand.....	1.32	1.09	1.33	( <sup>3</sup> )	1.17	1.57	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	1.09
Clerk-typists.....	1.01	.79	.86	.75	.82	1.02	1.00	( <sup>3</sup> )	1.02	.78
Stenographers, general.....	1.18	.91	1.18	.97	.86	1.27	1.21	1.01	( <sup>3</sup> )	1.03

<sup>1</sup> Excludes premium pay for overtime and night work.<sup>2</sup> Earnings data presented for Grand Rapids and Rockford are based upon September 1948 surveys adjusted to September 1949 on the basis of general wage changes in identical plants.<sup>3</sup> Insufficient data to justify presentation of an average.

Source: U. S. Department of Labor, Bureau of Labor Statistics.



## III. WAGE RATES—Continued

(q) *Straight-time average hourly earnings<sup>1</sup> in selected occupations in pressed and blown glassware and glass container establishments, by area, January 1949*

Occupation and sex	Pressed and blown glassware			Glass containers	
	Ohio	Fayette, Washington, and Westmoreland Counties, Pa.	West Virginia	Indiana	Salem and Cumberland Counties, N. J.
<b>PLANT OCCUPATIONS</b>					
<b>Men:</b>					
Batch mixers.....	\$1.26	\$1.14	\$1.08	\$1.12	\$1.22
Blowers.....	1.91	( <sup>2</sup> )	2.13		
Carry-in-boys.....	1.00	1.09	.91	( <sup>2</sup> )	( <sup>2</sup> )
Cutters, decorative.....	1.50	( <sup>2</sup> )	1.41		
Electricians, maintenance.....	1.43	( <sup>2</sup> )	1.50	1.44	1.51
Forming-machine operators.....	1.98	( <sup>2</sup> )	( <sup>2</sup> )	1.63	1.69
<b>Gatherers:</b>					
Blow-pipe.....	1.62	1.76	1.80		
Pressed-ware, punty.....	1.80	2.18	1.60		
Grinders, glassware.....	1.22	1.27	1.10		
Janitors.....	1.07	( <sup>2</sup> )	.99	( <sup>2</sup> )	1.06
Lehr tenders.....	1.28	1.21	1.10	1.08	( <sup>2</sup> )
Machinist, maintenance.....	1.63	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1.62
Mechanics, maintenance.....	1.75	1.59	1.39	1.50	( <sup>2</sup> )
Mold makers, metal.....	1.77	1.78	1.78	1.80	1.74
Pressers, glassware, hand.....	2.07	1.99	1.91		
Truckers, hand.....	1.11	1.08	1.06	.98	1.19
Warming-in-boys.....	1.07	1.15	1.05		
<b>Women:</b>					
Assemblers, cartons.....	1.06	( <sup>2</sup> )	.80	.96	1.12
Cutters, decorative.....	( <sup>2</sup> )	( <sup>2</sup> )	1.23		
Grinders, glassware.....	1.08	1.04	.86		
Selectors.....	1.00	.96	.91	1.00	1.04
Silk-screen decorators.....	1.40	( <sup>2</sup> )	( <sup>2</sup> )		
Wrappers.....	.92	.97	.90		
<b>OFFICE OCCUPATIONS</b>					
<b>Women:</b>					
Clerks, pay roll.....	.94	1.03	.99	.94	1.01
Clerk-typists.....	.89	.92	.89	.92	( <sup>2</sup> )
Stenographers, general.....	1.00	( <sup>2</sup> )	1.05	1.06	( <sup>2</sup> )

<sup>1</sup> Excludes premium pay for overtime and night work.<sup>2</sup> Insufficient data to justify presentation of an average.

Source: U. S. Department of Labor, Bureau of Labor Statistics.

## III. WAGE RATES—Continued

(r) *Straight-time average hourly earnings<sup>1</sup> for selected occupations in paint and varnish establishments in 12 cities, November 1948*

Occupation and sex	Boston, Mass.	Chicago, Ill.	Cleveland, Ohio	Detroit, Mich.	Los Angeles, Calif.	Louisville, Ky.	Newark and Jersey City, N. J.	New York, N. Y.	Philadelphia, Pa.	Pittsburgh, Pa.	St. Louis, Mo.	San Francisco, Calif.
<b>PLANT OCCUPATIONS</b>												
<b>Men:</b>												
Labelers and packers.....	\$1.17	\$1.31	\$1.25	\$1.39	\$1.25	\$0.97	\$1.28	\$1.16	\$0.90	\$1.31	\$1.28	\$1.42
Maintenance men, general utility.....	1.40	1.75	1.48	1.57	( <sup>2</sup> )	1.36	1.51	1.59	1.47	1.50	1.43	( <sup>2</sup> )
Mixers.....	1.27	1.40	1.38	1.46	1.36	1.19	1.37	1.30	1.11	1.34	1.23	1.53
Technicians.....	1.39	1.42	1.51	1.69	1.59	1.36	1.39	1.59	1.11	( <sup>2</sup> )	1.61	1.50
Tinters.....	1.40	1.55	1.60	1.59	1.43	1.36	1.51	1.61	1.23	1.44	1.40	1.73
Truckers, hand.....	1.21	1.28	1.26	1.44	( <sup>2</sup> )	1.06	1.20	1.08	( <sup>2</sup> )	1.16	1.13	1.44
Varnish makers.....	1.36	1.54	1.69	1.55	1.46	1.36	1.55	1.55	( <sup>2</sup> )	1.34	1.63	1.65
<b>Women:</b>												
Labelers and packers.....	1.01	1.15	.91	1.20	1.06	( <sup>2</sup> )	( <sup>2</sup> )	1.10	.83	1.06	1.04	1.36
<b>OFFICE OCCUPATIONS</b>												
<b>Women:</b>												
Bookkeepers, hand.....	1.20	1.26	1.37	1.44	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1.58	( <sup>2</sup> )	( <sup>2</sup> )	1.24	1.58
Clerk-typists.....	.88	1.01	.92	.99	1.09	1.90	.97	1.02	.87	.81	.88	1.14
Stenographers, general.....	.93	1.21	1.08	1.13	1.12	1.07	1.14	1.20	.85	.92	1.10	1.15

<sup>1</sup> Excludes premium pay for overtime and night work.<sup>2</sup> Insufficient data to justify presentation of an average.

Source: U. S. Department of Labor, Bureau of Labor Statistics.

III. WAGE RATES—Continued

(a) Straight-time average hourly earnings<sup>1</sup> for selected occupations in office buildings in 29 cities, July 1949

City	Women		Men				
	Cleaners	Elevator operators, passenger	Elevator operators, passenger	Engineers, stationary	Janitors	Watchmen	Window washers
<b>New England:</b>							
Boston <sup>2</sup> .....	\$0.87	\$0.89	\$0.92	\$1.35	\$0.93	\$0.95	(3)
Providence.....	.84	.91	.90	(3)	.91	.93	(3)
<b>Middle Atlantic:</b>							
Buffalo <sup>3</sup> .....	.86	.82	(3)	1.34	.93	.90	\$1.20
Newark.....	.76	.75	1.00	1.57	.95	.90	(3)
New York.....	.96	1.20	1.27	1.72	1.26	1.31	(3)
Philadelphia.....	.81	.93	1.01	1.27	.93	.94	(3)
Pittsburgh <sup>3</sup> .....	.88	.96	1.14	1.55	1.11	1.12	1.26
Baltimore <sup>3</sup> .....	.61	.71	.68	1.35	.69	.70	.65
Washington <sup>3</sup> .....	.66	.67	.68	1.37	.69	.71	.71
<b>Central:</b>							
Chicago.....	1.08	(3)	1.29	1.84	1.29	1.01	1.65
Cincinnati.....	.71	(3)	.82	1.35	.82	.88	1.01
Detroit.....	.82	.77	.91	1.57	.96	.91	1.19
Indianapolis.....	.64	.73	.77	(3)	.83	.80	(3)
Kansas City.....	.77	.75	.77	1.33	.89	.89	(3)
Milwaukee.....	.80	.78	.93	(3)	.92	1.02	(3)
Minneapolis.....	.90	.90	1.02	1.55	1.02	1.02	1.40
St. Paul.....	.78	(3)	.85	1.34	.88	.87	(3)
<b>Southeast:</b>							
Atlanta <sup>3</sup> .....	.43	.61	.67	(3)	.60	.71	.67
Birmingham <sup>3</sup> .....	.45	.47	.55	(3)	.54	.60	(3)
Louisville.....	.55	.48	.68	1.03	.67	.57	(3)
New Orleans <sup>3</sup> .....	.48	.60	.61	1.23	.57	.63	.65
<b>Southwest:</b>							
Dallas <sup>3</sup> .....	.51	.63	.68	1.25	.68	.71	(3)
Houston <sup>3</sup> .....	.59	.59	.66	1.13	.67	.62	(3)
<b>Northwest: Denver<sup>3</sup>.....</b>	.75	.76	(3)	1.24	.83	.73	(3)
<b>Far West:</b>							
Los Angeles.....	.87	.90	.94	1.41	.93	.87	1.20
Oakland.....	1.05	1.11	(3)	1.57	1.15	(3)	1.68
Portland.....	1.00	1.05	1.09	(3)	1.16	1.06	(3)
San Francisco.....	1.16	1.26	1.23	1.63	1.25	1.22	1.84
Seattle <sup>3</sup> .....	1.03	1.03	1.03	1.62	1.19	1.06	1.44

<sup>1</sup> Excludes premium pay for overtime and night work.

<sup>2</sup> Data relate to a June 1949 pay-roll period.

<sup>3</sup> Insufficient data to justify presentation of an average.

Source: U. S. Department of Labor, Bureau of Labor Statistics.

## III. WAGE RATES—Continued

(t) *Straight-time average hourly earnings<sup>1</sup> for men in selected occupations in automobile repair shops in 30 large cities, July 1948*

City	Body repairmen, metal	Electri- cians, auto- motive	Greasers	Mechanics, automotive		Washers, auto- mobile
				Class A	Class B	
Atlanta.....	\$1.71	\$1.67	\$0.83	\$1.34	\$0.89	\$0.67
Baltimore.....	1.71	1.43	.96	1.42	1.02	.80
Boston.....	1.69	1.69	.97	1.50	1.04	.89
Buffalo.....	1.69	( <sup>2</sup> )	1.18	1.53	1.21	.93
Chicago.....	2.10	1.83	1.31	1.83	1.38	1.08
Cincinnati.....	1.79	1.17	.95	1.55	1.08	.87
Cleveland.....	2.28	( <sup>2</sup> )	1.35	2.15	( <sup>2</sup> )	1.35
Dallas.....	1.94	1.83	.94	1.78	1.01	.73
Denver.....	1.66	2.02	1.22	1.86	( <sup>2</sup> )	1.01
Detroit.....	2.36	2.19	1.73	2.09	1.66	1.22
Indianapolis.....	1.97	( <sup>2</sup> )	1.39	1.63	1.21	.90
Kansas City.....	1.85	2.02	1.33	1.70	( <sup>2</sup> )	.82
Los Angeles.....	2.02	1.99	1.84	1.85	1.23	1.05
Louisville.....	1.51	( <sup>2</sup> )	1.09	1.37	( <sup>2</sup> )	.76
Memphis.....	1.94	2.25	.90	1.59	( <sup>2</sup> )	.64
Milwaukee.....	1.77	1.57	1.23	1.58	( <sup>2</sup> )	1.05
Minneapolis.....	1.64	( <sup>2</sup> )	1.35	1.59	( <sup>2</sup> )	1.21
Newark and Jersey City.....	1.39	1.64	.97	1.54	1.02	1.11
New Orleans.....	1.83	( <sup>2</sup> )	1.02	1.60	( <sup>2</sup> )	.74
New York.....	1.81	1.53	1.27	1.64	1.19	1.03
Philadelphia.....	1.69	( <sup>2</sup> )	.90	1.61	1.14	.91
Pittsburgh.....	1.55	1.33	.95	1.56	1.16	.88
Portland.....	1.70	( <sup>2</sup> )	1.35	1.73	( <sup>2</sup> )	1.24
Providence.....	1.37	1.52	.93	1.31	1.07	( <sup>2</sup> )
Richmond.....	1.58	1.40	.78	1.42	1.01	.64
St. Louis.....	2.03	( <sup>2</sup> )	1.36	2.08	( <sup>2</sup> )	1.00
San Francisco.....	2.20	2.17	1.66	2.00	1.72	1.50
Seattle.....	1.94	1.81	1.48	1.80	( <sup>2</sup> )	1.48
Toledo.....	2.29	( <sup>2</sup> )	1.65	1.96	( <sup>2</sup> )	1.13
Washington.....	2.19	( <sup>2</sup> )	.84	1.48	1.04	.83

<sup>1</sup> Excludes premium pay for overtime and night work.<sup>2</sup> Insufficient number of workers to justify presentation of an average.

Source: U. S. Department of Labor, Bureau of Labor Statistics.

III. WAGE RATES—Continued

(u) Average weekly earnings <sup>1</sup> of workers in department and women's ready-to-wear stores in selected cities, April 1948

Occupation and sex	Atlanta	Boston	Chi- cago	Dallas	Denver	New Orleans	New York	Oak- land	Phila- delphia	Pitts- burgh	Port- land, Oreg.	Provi- dence	St. Paul	Seattle	Toledo	Wash- ington, D. C.
<b>WOMEN</b>																
<b>Store occupations:</b>																
Cashier-wrappers.....	\$27.03	-----	\$36.06	\$28.22	\$30.70	\$22.45	\$35.42	\$36.27	\$28.38	\$35.15	\$32.65	\$28.33	\$28.60	\$32.93	\$31.88	\$30.47
Elevator operators, passenger.....	19.11	\$27.37	34.58	25.90	30.61	20.79	35.34	37.03	39.41	39.59	34.91	27.87	27.68	35.50	33.40	28.33
Fitters, women's garments.....	36.20	37.66	52.08	53.22	42.54	33.78	56.25	44.66	38.96	48.71	35.40	36.54	36.09	43.88	40.50	41.21
Packers, bulk.....	-----	-----	34.79	-----	-----	35.23	-----	37.27	37.84	30.54	51.25	35.42	-----	39.29	-----	-----
Porters, day (cleaners).....	17.52	-----	-----	21.48	-----	16.85	36.11	-----	31.69	-----	-----	28.77	-----	36.14	-----	26.41
Receiving clerks (checkers).....	28.00	31.54	-----	27.80	31.16	25.82	34.13	37.59	30.02	-----	39.02	-----	31.62	34.21	-----	-----
<b>Sales clerks (regular or upstairs stores):</b>																
Bedspreads, draperies, blankets.....	30.12	32.04	43.77	41.89	36.66	37.28	42.81	43.41	38.37	43.85	42.54	32.77	39.61	37.55	40.88	36.95
Blouses and neck wear.....	30.57	30.42	50.63	45.56	37.07	32.94	36.23	40.15	33.16	38.42	40.84	29.70	31.99	34.77	34.17	32.78
Floor coverings.....	-----	49.53	-----	-----	77.73	-----	-----	47.75	70.61	-----	-----	37.96	-----	67.83	-----	-----
Furniture and beddings.....	-----	-----	75.78	98.88	46.00	-----	-----	44.82	99.59	73.64	71.81	-----	-----	64.40	-----	73.95
Housewares.....	30.41	33.97	42.34	36.21	39.15	30.95	41.30	41.11	34.63	40.38	40.09	-----	34.81	35.08	37.27	34.80
Major appliances (refrigerators, stoves, washers, etc.).....	-----	-----	-----	-----	40.53	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Men's furnishings.....	31.18	31.44	41.90	45.77	47.59	31.18	38.89	41.88	37.64	42.05	41.73	32.06	36.92	35.49	37.19	39.84
Notions, trimmings.....	26.71	29.57	37.33	32.01	33.88	26.73	37.17	38.32	32.66	36.96	33.68	28.86	29.33	32.85	34.63	33.16
Piece goods (yard goods, uphol- stery fabrics).....	29.38	31.55	47.80	40.83	38.29	32.99	47.64	42.44	38.53	41.55	39.79	30.67	35.38	38.71	37.31	35.93
Silverware and jewelry (excluding costume jewelry).....	34.21	-----	51.05	53.10	50.96	34.05	51.79	39.61	39.33	40.76	41.60	-----	40.53	37.23	38.49	-----
Women's accessories (hosiery, gloves, handbags).....	32.37	31.73	41.07	46.94	38.42	32.51	38.73	40.75	34.66	39.02	38.91	31.66	33.33	34.48	36.87	33.74
Women's dresses.....	42.29	33.74	53.31	51.81	40.36	41.95	46.41	45.60	43.14	41.42	41.02	34.35	37.36	34.52	36.94	37.37
Women's shoes.....	35.96	-----	62.87	54.22	47.15	43.40	56.19	52.58	50.38	52.23	46.68	37.19	-----	43.37	48.09	48.35
Women's suits and coats.....	43.72	40.32	56.30	59.27	47.96	44.39	50.09	51.93	51.62	57.96	50.11	37.14	40.96	46.27	49.58	38.64
Stockmen, selling sections.....	19.16	-----	33.11	27.55	31.16	20.15	32.94	-----	26.64	33.46	33.18	29.16	-----	32.18	-----	-----
Tailors, alterations, men's garments.....	31.28	-----	-----	31.76	44.60	-----	-----	-----	-----	-----	-----	-----	-----	56.50	-----	-----
Tailors, alterations, women's garments.....	27.56	35.30	38.78	31.50	31.38	25.21	40.32	39.93	35.78	-----	50.32	35.75	29.68	37.49	36.83	-----
<b>Office occupations:</b>																
Billers, machine (billing machine).....	-----	(*)	40.05	34.65	31.71	36.38	39.36	41.23	34.76	38.26	-----	-----	-----	38.65	37.17	36.04
Billers, machine (bookkeeping ma- chine).....	-----	(*)	-----	-----	32.10	-----	40.00	-----	-----	-----	38.23	36.19	33.45	-----	36.06	-----
Calculating-machine operators (Comp- tometer).....	34.65	(*)	39.88	34.41	33.45	31.77	39.53	39.43	32.71	32.61	37.47	32.76	34.63	36.80	36.74	39.38
Calculating-machine operators (other than Comptometer).....	-----	(*)	-----	-----	-----	-----	39.29	40.81	-----	-----	-----	-----	-----	-----	-----	-----
Clerks, pay roll.....	37.74	(*)	39.86	38.15	38.55	34.38	42.88	41.56	35.40	42.27	40.00	39.82	37.81	40.66	38.94	37.17
Stenographers, general.....	41.47	(*)	43.01	38.11	36.14	35.08	41.27	41.58	33.43	37.70	39.65	31.72	37.21	38.46	38.67	41.64
Switchboard operators.....	29.76	(*)	37.40	31.46	35.33	29.48	38.57	39.23	32.42	38.24	37.95	31.02	30.88	36.94	35.09	36.95

See footnotes at end of table, p. 450.

## III. WAGE RATES—Continued

(u) Average weekly earnings<sup>1</sup> of workers in department and women's ready-to-wear stores in selected cities, April 1948—Continued

Occupation and sex	Atlanta	Boston	Chicago	Dallas	Denver	New Orleans	New York	Oakland	Philadelphia	Pittsburgh	Portland, Oreg.	Providence	St. Paul	Seattle	Toledo	Washington, D. C.
<b>MEN</b>																
Store occupations:																
Carpenters, maintenance.....		\$65.72	\$74.76	\$73.91	\$77.29	\$68.25	\$69.33	\$80.58	\$81.24	\$83.81	\$76.61		\$73.28	\$79.96	\$61.62	\$70.00
Elevator operators, passenger.....	\$22.57			30.80	29.26		40.46		39.81	43.17				38.80		
Finishers, furniture.....	42.19	48.89	53.36	46.14	57.43	45.14	56.38	72.56	49.29	66.64	70.10	\$59.00	57.17	63.19	54.78	47.63
Fitters, men's garments.....		54.03	69.31		63.14		71.67		60.95	63.18	74.40		54.42			66.73
Fitters, women's garments.....		62.20					76.49									
Packers, bulk.....	28.45	35.23	38.69	31.35	36.62	30.47	41.14	42.30	36.43	51.16	47.72	32.94	38.70	45.72	37.32	
Porters, day (cleaners).....	25.54	34.30	38.74	30.24	33.34	25.44	39.22	43.16	38.21	40.63	38.91	34.34	32.89	40.40	42.07	30.22
Receiving clerks (checkers).....	34.22	33.61	39.90	34.62	42.36	32.21	38.48	50.99	37.27	50.87	49.76		36.10	40.73		35.23
Sales clerks (regular or upstairs stores):																
Bedspreads, draperies, and blankets.....		39.64	60.45	51.14	58.86	52.09	53.27	43.73	56.43							
Floor coverings.....	70.79	76.99	89.96	98.46	86.38	66.34	110.54	100.75	114.72	117.85	87.96	69.21	100.37	82.71	84.64	87.47
Furniture and beddings.....	81.87	99.39	90.69	105.67	84.86	83.85	147.57	89.55	122.94	122.55	88.03	71.70	87.62	84.97	93.84	105.46
Housewares.....		33.21	53.01				45.53		41.87					45.00		50.72
Major appliances (refrigerators, stoves, washers, etc.).....	111.88	96.15	114.18	109.30	94.40	99.05	172.33	93.59	104.37	128.79	104.04	65.67	100.84	106.68	91.39	94.57
Men's clothing.....	62.29	81.37	92.10	94.54	95.09	63.09	100.11	61.19	105.50	119.20	61.77		58.64	79.19	79.63	85.63
Men's furnishings.....	40.60	36.80	64.66	63.81	58.45	42.43	50.45	49.82	56.18	50.57	46.55	33.35	41.95	48.33	43.08	58.79
Piece goods (yard goods, upholstery fabrics).....		38.39	60.17				50.15	47.92								
Women's shoes.....	54.30		70.18	66.48	58.22	48.13	88.67	63.97	60.12	63.65	60.08	48.56	52.26	54.11		63.11
Stockmen, selling section.....	31.27	28.57	37.70	28.92	32.59	28.29	35.33	44.95	30.70	39.70	39.39		34.32	41.98	33.36	30.29
Stockmen, warehouse.....	32.91			33.12	43.37	30.77	42.83	53.68	40.15	50.74	48.68	35.97	42.69	45.47	52.80	33.02
Tailors, alterations, men's garments.....	39.69		58.22	51.35	54.60	28.75	56.43	69.69	52.53	58.35	67.86			64.56		58.36
Tailors, alterations, women's garments.....		48.39		67.99	50.77		62.90		53.51	57.92		54.58				58.45

<sup>1</sup> Excludes premium pay for overtime work and pertains to regular full-time workers only; part-time workers and contingents were excluded from survey. Weekly earnings for straight-salary workers were those in effect in April 1948. For commission workers, the earnings included base rates, if any, as of April 1948 plus average weekly commission earnings computed over a 12-month period wherever possible.

<sup>2</sup> Not available.

Source: U. S. Department of Labor, Bureau of Labor Statistics.

III. WAGE RATES—Continued

(v) *Straight-time average hourly earnings<sup>1</sup> for men in selected occupations in wholesale grocery establishments in 16 cities, July 1948*

City	Order fillers	Stockmen or stock helpers	Truck drivers, local delivery	Cities	Order fillers	Stockmen or stock helpers	Truck drivers, local delivery
Baltimore.....	\$1.11	\$0.96	\$1.15	Minneapolis and St. Paul.....	\$1.11	\$1.08	\$1.17
Boston.....	1.28	1.23	1.35	New York.....	1.46	1.44	1.56
Buffalo.....	1.16	1.15	1.25	Philadelphia.....	1.45	1.09	1.29
Chicago.....	1.38	1.34	1.51	Pittsburgh.....	1.37	1.31	1.49
Cincinnati.....	1.18	1.08	1.30	St. Louis.....	1.24	1.15	1.35
Cleveland.....	1.23	1.18	1.44	San Francisco.....	1.38	1.39	1.70
Detroit.....	1.30	1.18	1.40	Washington, D. C.....	1.10	.97	1.00
Los Angeles.....	(?)	1.38	1.53				
Milwaukee.....	1.24	1.13	1.26				

<sup>1</sup> Excludes premium pay for overtime and night work.  
<sup>2</sup> Insufficient number of workers to justify presentation of an average.  
 Source: U. S. Department of Labor, Bureau of Labor Statistics.

(w) *Straight-time average hourly earnings<sup>1</sup> for selected occupations in year-round hotels in 18 large cities, July 1948*

City	Men					Women		
	Cleaners	Clerks, desk	Clerks, room	Elevator operators, passenger	Housemen	Chambermaids	Elevator operators, passenger	Switchboard operators
Atlanta.....	\$0.58	\$0.78	\$1.06	(?)	\$0.43	\$0.29	\$0.34	\$0.58
Boston.....	.72	.97	.93	\$0.62	.68	.59	(?)	.69
Buffalo.....	(?)	.91	.89	.58	.65	.58	.60	.66
Chicago.....	.86	.89	1.03	.84	.79	.67	.77	.77
Cleveland.....	.72	.93	.93	(?)	.66	.59	.62	.72
Dallas.....	.57	.83	1.19	.45	.49	.35	.48	.66
Detroit.....	(?)	1.09	1.10	.81	.75	.62	.81	.82
Los Angeles.....	.78	.92	1.02	.77	.82	.73	.78	.80
Milwaukee.....	(?)	.97	(?)	.63	.68	.68	.66	.69
Minneapolis and St. Paul.....	.83	.85	1.02	.73	.85	.78	.82	.77
New Orleans.....	.46	.73	.91	.41	.44	.29	.38	.48
New York.....	.85	1.01	1.15	.78	.80	.66	.80	.87
Philadelphia.....	.65	.92	1.08	.61	.66	.57	.63	.68
Pittsburgh.....	(?)	.82	(?)	(?)	.74	.67	.67	.76
St. Louis.....	(?)	.88	.86	.63	.72	.59	.65	.78
San Francisco.....	.93	1.23	1.29	.93	.93	.88	.93	.96
Seattle.....	1.03	1.23	1.26	.92	1.02	.86	.92	1.05
Washington.....	.65	(?)	1.00	.66	.66	.61	.64	.77

<sup>1</sup> Excludes premium pay for overtime and night work and tips. No allowance is made for room or meals provided some employees.  
<sup>2</sup> Insufficient number of workers to justify presentation of an average.  
 Source: U. S. Department of Labor, Bureau of Labor Statistics.

## III. WAGE RATES—Continued

(x) Straight-time average hourly earnings<sup>1</sup> for selected occupations in power laundries in 32 cities, June 1949

City	Men		Women			
	Extractor operators	Washers, machine	Finishers, flatwork machine	Markers	Pressers, shirt machine	Wrappers, bundle
Atlanta.....	\$0.69	\$0.80	\$0.39	\$0.54	\$0.50	\$0.41
Baltimore.....	.76	.98	.55	.57	.63	.55
Birmingham.....	.61	.79	.37	.52	.48	.37
Boston.....	.97	1.06	.67	.68	.87	.69
Buffalo.....	.96	1.02	.71	.75	.82	.71
Chicago.....	1.09	1.29	.75	.88	.98	.78
Cincinnati.....	.80	.99	.69	.71	.73	.73
Cleveland.....	.86	1.05	.66	.75	.85	.64
Dallas.....	.71	.90	.44	.60	.55	.50
Denver.....	.81	1.00	.59	.69	.65	.65
Detroit.....	1.01	1.26	.75	.85	.92	.77
Houston.....	.76	1.02	.43	.63	.55	.52
Indianapolis.....	.91	1.12	.64	.75	.72	.73
Jacksonville.....	.69	.85	.39	.57	.45	.42
Kansas City.....	.75	.83	.55	.64	.62	.56
Los Angeles.....	1.11	1.26	.83	1.00	.97	.95
Louisville.....	.80	1.08	.59	.66	.74	.58
Memphis.....	.66	.75	.42	.50	.48	.42
Milwaukee.....	1.01	1.25	.73	.79	.79	.74
Minneapolis and St. Paul.....	.96	1.09	.72	.77	.78	.74
Newark and Jersey City.....	.97	1.10	.72	.88	.88	.77
New York.....	1.09	1.37	.77	.85	.92	.82
Philadelphia.....	.84	1.06	.64	.72	.77	.68
Pittsburgh.....	.93	1.13	.67	.75	.77	.68
Portland, Oreg.....	1.23	1.41	.91	.95	.94	.93
Providence.....	.82	1.13	.67	.86	.96	.82
Richmond.....	.68	.75	.47	.47	.59	.46
St. Louis.....	.81	.99	.56	.66	.69	.59
San Francisco.....	1.35	1.42	.90	1.17	1.09	1.15
Seattle.....	1.39	1.56	.94	1.09	.97	(2)
Toledo.....	1.03	1.39	.79	.82	.83	.86
Washington.....	.81	.96	.64	.75	.72	.64

<sup>1</sup> Excludes premium pay for overtime and night work.

<sup>2</sup> Insufficient data to justify presentation of an average.

Source: U. S. Department of Labor, Bureau of Labor Statistics.



### III. WAGE RATES—Continued

(y) Average weekly salaries<sup>1</sup> of office workers in selected office occupations in 17 large cities, January–May 1949

Sex and occupation	Boston, January 1949	Hart- ford, January 1949	New York, February 1949	Phila- del- phia, January 1949	Wash- ing- ton, April 1949	Chi- cago, February 1949	Cin- cin- nati, May 1949	Cleve- land, March 1949	Minne- apolis and St. Paul, April 1949	St. Louis, January 1949	Rich- mond, February 1949	At- lanta, January 1949	New Or- leans, January 1949	Dallas, May 1949	Los An- geles, January 1949	Port- land (Oreg.), February 1949	Seattle, February 1949
<b>Men:</b>																	
Bookkeepers, hand.....	\$67.00	\$65.50	\$69.50	\$65.50	\$65.00	\$68.50	\$67.50	\$70.50	\$57.00	\$63.50	\$67.00	\$58.00	\$53.50	(*)	\$70.00	\$70.50	\$69.50
<b>Clerks:</b>																	
Accounting.....	47.00	52.00	54.50	49.00	49.00	56.00	50.00	56.50	50.50	51.50	54.50	51.50	51.00	(*)	61.50	58.50	62.50
General.....	59.00	59.00	57.00	59.00	55.50	59.00	55.00	57.50	57.50	49.50	56.00	47.50	47.50	(*)	54.00	59.50	57.00
Order.....	50.00	51.00	56.50	53.00	50.00	58.00	52.00	60.50	52.00	53.50	53.00	52.00	50.50	(*)	61.00	60.00	63.00
Pay roll.....	56.00	55.50	56.00	54.00	52.00	54.00	47.50	62.50	53.50	50.00	56.00	47.00	54.00	(*)	62.50	63.00	60.50
Clerk-typists.....	(*)	(*)	42.00	38.50	47.00	43.50	39.00	45.50	(*)	43.50	(*)	37.50	36.50	(*)	48.00	(*)	(*)
Office boys.....	29.50	33.00	32.50	31.00	33.50	36.00	30.50	36.50	30.00	30.50	28.50	32.00	22.50	(*)	39.50	34.00	36.50
<b>Women:</b>																	
<b>Billers, machine:</b>																	
Billing machine.....	36.50	40.50	43.00	41.00	39.50	44.50	36.50	41.00	38.50	39.00	40.00	39.50	35.50	\$40.00	46.00	42.00	43.00
Bookkeeping machine.....	36.00	(*)	48.00	38.00	46.00	43.00	38.00	43.50	34.00	44.00	35.00	36.00	(*)	42.00	46.50	44.50	42.50
Bookkeepers, hand.....	47.50	51.00	60.00	49.50	59.50	55.50	56.00	56.50	45.00	46.00	50.50	50.00	45.50	46.50	62.50	60.00	55.50
<b>Bookkeeping-machine operators:</b>																	
Class A.....	47.50	43.50	50.50	44.50	43.50	50.50	48.50	50.00	47.50	47.50	41.00	43.50	38.50	46.50	54.00	49.00	49.00
Class B.....	36.50	36.00	43.00	36.50	40.50	44.00	36.50	41.50	37.50	38.50	35.00	38.00	35.00	39.00	45.00	44.50	41.50
<b>Calculating-machine operators:</b>																	
Comptometer type.....	37.50	41.50	45.00	40.50	45.50	46.00	39.00	43.00	38.00	42.00	40.00	40.50	35.50	42.50	50.50	46.00	44.50
Other than comptometer type.....	36.50	(*)	42.50	39.50	41.00	43.50	36.50	44.50	36.50	37.50	(*)	40.00	35.00	(*)	48.00	41.50	43.00
<b>Clerks:</b>																	
Accounting.....	38.50	42.50	44.50	39.50	46.50	45.50	40.00	45.00	40.50	40.50	41.50	40.50	38.00	(*)	49.50	46.50	45.00
File, class A.....	42.00	44.50	45.00	39.00	47.00	44.50	38.00	44.00	39.50	40.50	38.50	38.00	33.50	(*)	43.00	41.50	47.00
File, class B.....	30.00	33.50	34.00	31.00	37.00	36.50	29.50	34.00	31.50	32.00	30.00	32.50	29.00	(*)	35.50	35.50	36.50
General.....	45.50	50.00	49.00	47.00	47.50	48.00	46.00	43.50	43.50	36.50	39.00	41.00	36.50	(*)	46.00	48.00	47.00
Order.....	39.50	41.50	43.50	41.50	38.00	44.00	35.00	42.50	40.00	42.50	39.50	42.00	31.00	(*)	49.50	43.00	44.00
Pay roll.....	41.00	43.50	48.50	43.50	47.50	49.00	42.50	48.50	42.00	42.50	43.50	42.50	37.00	(*)	51.50	47.00	48.50
Clerk-typists.....	33.50	37.00	39.50	35.00	40.00	41.00	34.50	40.00	35.00	36.00	34.00	37.00	31.50	36.00	44.00	39.50	40.00
Office girls.....	31.00	33.00	32.50	29.50	34.00	35.00	29.00	33.50	30.00	30.00	29.00	32.00	25.00	(*)	39.00	35.00	35.00
<b>Stenographers:</b>																	
General.....	39.00	42.00	45.50	40.00	48.50	47.50	41.00	46.00	41.00	41.00	42.50	43.00	39.00	44.50	50.00	45.00	47.00
Technical.....	47.00	54.50	52.50	46.50	51.50	54.00	(*)	52.50	46.00	44.50	(*)	45.00	52.00	52.50	56.00	(*)	55.50
Switchboard operators.....	39.00	40.50	45.50	38.50	41.50	44.50	39.00	43.50	38.50	39.50	39.50	38.50	35.00	40.00	48.50	43.50	43.00
Switchboard-operator-receptionists.....	37.50	40.00	44.00	39.50	41.50	44.50	37.50	42.00	37.00	37.50	39.50	37.50	33.00	38.50	46.50	43.50	43.00
Transcribing-machine operators, gen- eral.....	35.50	40.00	44.00	37.00	42.50	46.00	39.00	44.50	38.00	39.50	37.50	41.00	35.50	(*)	42.50	44.00	42.00
<b>Typists:</b>																	
Class A.....	40.00	46.00	43.50	41.50	44.50	45.50	41.00	43.50	39.00	40.50	39.00	40.50	36.50	38.00	41.50	44.00	43.00
Class B.....	31.50	35.50	36.50	33.50	37.00	40.50	33.00	38.50	33.00	34.50	34.00	34.00	31.50	33.00	38.50	37.50	37.50

<sup>1</sup> Data refer to salaries for the normal workweek, excluding overtime pay and nonproduction bonuses but including any incentive earnings.

<sup>2</sup> Not studied in Dallas.

<sup>3</sup> Insufficient data to justify presentation of an average.

Source: U. S. Department of Labor, Bureau of Labor Statistics.

## IV. TRADE

## Department store sales

[1935-39 average=100]

Year	United States	Federal Reserve district											
		Boston	New York	Philadel- phia	Cleve- land	Rich- mond	Atlanta	Chicago	St. Louis	Minne- apolis	Kansas City	Dallas	San Fran- cisco
1919	83	95	84	106	84	73	88	(1)	(1)	113	(1)	93	67
1920	99	110	100	126	106	81	105	(1)	(1)	126	(1)	112	80
1921	92	108	96	120	94	78	90	80	105	117	(1)	92	75
1922	94	112	99	122	95	75	85	83	103	112	(1)	86	78
1923	105	119	106	135	108	85	94	98	115	120	(1)	91	91
1924	105	121	110	134	106	87	91	96	114	119	119	94	93
1925	110	123	116	135	109	92	95	102	120	124	124	98	99
1926	113	127	120	138	110	96	99	106	121	119	123	103	106
1927	114	128	123	133	110	95	100	108	119	117	125	101	107
1928	115	126	124	127	110	95	100	114	120	110	119	103	110
1929	117	128	129	128	116	96	98	116	122	110	117	104	112
1930	108	123	126	118	105	92	91	101	110	105	111	96	104
1931	97	114	116	105	93	86	79	88	97	98	96	81	94
1932	75	90	91	83	68	68	60	67	76	79	74	61	71
1933	73	84	86	80	69	68	65	68	72	76	73	62	68
1934	83	90	91	88	81	81	78	79	83	85	85	76	77
1935	88	92	93	91	86	87	84	86	85	90	89	80	86
1936	100	100	101	102	101	98	97	100	97	99	99	97	100
1937	107	104	106	107	111	105	105	109	106	104	107	105	106
1938	99	100	99	96	96	101	103	98	102	101	100	106	101
1939	106	104	101	104	106	109	113	107	111	106	105	112	109
1940	114	108	106	111	114	120	123	116	119	109	110	116	119
1941	133	126	119	129	138	144	145	135	143	123	127	138	139
1942	150	140	128	143	153	170	162	149	158	129	149	157	171
1943	168	148	135	151	167	194	204	161	179	148	184	212	204
1944	187	162	150	167	182	215	244	176	200	164	205	245	224
1945	207	176	169	184	201	235	275	193	227	185	229	275	248
1946	264	221	220	235	257	292	344	250	292	247	287	352	311
1947	286	234	239	261	281	304	360	275	314	273	311	374	336
1948	302	239	248	283	303	322	386	290	335	289	327	404	352

By quarter:													
1948:													
First.....	293	226	239	278	289	306	376	288	305	279	317	398	346
Second.....	306	246	260	282	306	321	388	288	343	290	331	408	360
Third.....	310	248	257	291	312	328	396	295	357	290	329	412	356
Fourth.....	301	235	243	285	304	327	385	290	332	293	326	399	349
1949:													
First.....	285	229	231	273	291	303	372	276	303	269	302	391	325
Second.....	290	245	240	271	292	310	378	271	323	277	311	381	338
Third.....	283	234	232	269	274	312	368	272	328	269	305	377	327
Fourth.....													

<sup>1</sup> Data not available.

Source: Board of Governors of the Federal Reserve System.