JANUARY 1952

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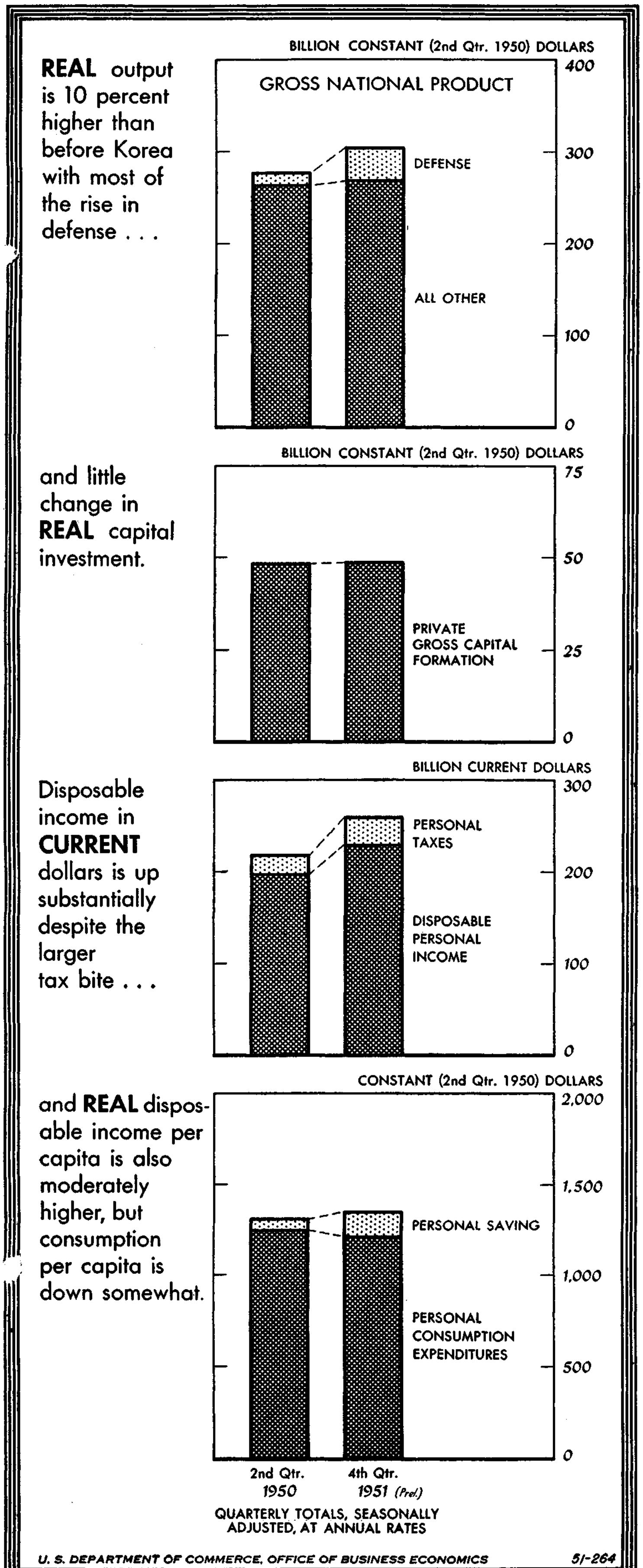

IN the closing weeks of 1951 business activity registered only minor changes, with the total volume of output continuing at peak rates—about 4 percent higher than at the end of 1950. Consumer buying was seasonally higher in December, but spending remained low relative to income, a basic fact which characterized retail trade during most of 1951. The high rate of personal saving of the preceding six months was extended into the fourth quarter. This increased saving has been mainly in the form of liquid assets.

Prices remain stable

Wholesale prices in December remained at the level of the past four months and were moderately below the opening months of the year. Consumer prices have moved slightly higher, but price trends continue to mirror the over-all balance of demand and supply factors in the economy which was the case in the entire second half of the year.

Output up one-tenth since early 1950

By comparison with these recent small changes in the economy, a considerable shift in output and resources has occurred in the year and a half since the invasion of South Korea. Total output, as measured by gross national product in constant dollars, was about 10 percent higher in the fourth quarter of 1951 than in the second quarter of 1950, after allowing for seasonal variations. Most of this increase was absorbed by the defense program of the Federal Government.

The change from the spring of 1950 to the most recent quarter is shown in the accompanying chart.

Total real private capital investment, including plant and equipment, residential construction, and change in inventories, in the fourth quarter of 1951 was about equal to that of the second quarter of 1950. Business investment in new plant and equipment, however, expanded very substantially while residential construction was curtailed to free needed resources for the military and related programs. After its rapid advance to mid-1951, the rate of inventory accumulation in the fourth quarter of the year dropped back to about the pre-Korean rate.

The large rise in personal income between the two periods was only partially absorbed by higher personal taxes. There was a considerable rise in income even after adjustment for

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increased taxes and higher prices, an advance more than matching the population growth so that the per capita real disposable income was slightly higher. Consumers purchased somewhat fewer goods and services per capita in the fourth quarter of 1951, however, than in the second quarter of 1950, and they saved more.

Output of defense and related industries higher

Industrial production continued at a high rate throughout the fourth quarter. In December 1951 further small gains occurred in the output of defense goods and producers' equipment. Steel-mill operations averaged close to 2.1 million tons of ingots and castings weekly, representing an annual rate greater than the rated capacity of 107 million tons as of the first of this year, the capacity being substantially increased. In the second week of January 1952, however, operations were reduced slightly because of a shortage of scrap metal but the output remained above 2 million tons per week.

Table 1.—Personal Income by Distributive Shares

[Billions of dollars]

Item	Seasonally adjusted, at annual rates				
	Second quarter, 1950 average	Percent of total	Third quarter, 1951	Fourth quarter, 1951 [1]	Percent of total
Personal income total	**217.0**	**100.0**	**253.2**	**257.1**	**100.0**
Total labor income	141.7	65.3	171.4	173.9	67.6
Wage and salary receipts, total	138.3	63.7	167.6	170.0	66.1
Employer disbursements	141.2	[2] 64.2	171.0	173.5	[2] 66.6
Private	120.1	[2] 54.6	141.2	141.6	[2] 54.3
Government civilian and military	21.1	[2] 9.6	29.8	32.0	[2] 12.3
Less employee contribution for social insurance	2.9		3.4	3.6	
Other labor income	3.4	1.6	3.8	3.9	1.5
Proprietors' and rental income	41.8	19.3	49.1	49.8	19.4
Business and professional	21.9	10.1	23.4	23.6	9.2
Farm	12.2	5.6	17.3	17.6	6.8
Rental	7.8	3.6	8.4	8.5	3.3
Interest and dividend income	18.4	8.5	20.2	20.8	8.1
Net interest	10.0	4.6	10.6	10.7	4.2
Dividends	8.4	3.9	9.6	10.1	3.9
Transfer payments	15.0	6.9	12.6	12.7	4.9

[1] Based on average of first two months of the quarter.
[2] Percent based on total including employee contributions.

NOTE.—Detail may not add to total because of rounding.

Source: U. S. Department of Commerce, Office of Business Economics.

Output of consumer durable goods declined in December following a moderate rise from October to November. A large part of the decline was due to the usual year-end tapering off in production of automobiles and radios and television receivers. Assemblies of passenger cars in December numbered 283,000 bringing the total for the quarter nearly up to the NPA authorized quota of 1.1 million units. Textile mill activity which had been declining for more than a year, apparently leveled off in recent months at a rate about one-fifth below the high fourth-quarter volume of 1950.

Backlogs high in durables

New orders received by manufacturers in November were about equal to shipments, and unfilled orders remained near the peak reached in August. In the last few months durable goods orders have leveled off. Orders received by the nondurable goods industries which had declined during the first half of the year have turned upward since June. At the end of November total backlogs represented about 2½ months production at current rates, and in the durable industries they were more than five times as large as current monthly shipments.

November was the first month since March that new orders in the nondurable goods industries had equaled shipments. The improved situation was due largely to a pickup in new commitments in the textile group.

Income trend upward

The trend of personal income continued upward throughout the year but the rate of increase declined as total output levelled off in the second half of the year. In November, on a seasonally adjusted basis, personal income reached an annual rate of $257 billion, slightly below October but $4 billion above the third quarter rate.

As indicated in the chart on page 1, the rise in total personal income in the past 18 months has now reached $40 billion at an annual rate. All major sources of income except transfer payments contributed to the increase. The principal groups—wages and salaries, proprietors' returns and interest and dividend income—rose roughly proportional to the gain in total personal income. Within these broad groups the rent and interest components showed the same tendency to lag that has characterized these contractual payments in the past. (See table 1.)

Wages and salaries rise slightly

Wages and salary payments, advancing in line with other groups, accounted for more than half of the gain in personal income between the third and the fourth quarter of 1951. Government workers, including Federal, state, and local, received a larger portion of the increase than the private sector. This was due in part to the rise in Federal pay and in part to the larger number in the armed services.

Income received by privately employed workers advanced less than 1 percent. The leveling-off in employment, a slight decline in average weekly hours and only a minor increase in average hourly earnings tended to stabilize payments to this group.

Proprietors' income up

Proprietor and rental incomes rose approximately $1 billion or 2 percent from the third to the fourth quarter. The bulk of this increase went to proprietors, particularly farm operators. Rental income showed little change from the third quarter.

Personal interest and dividend payments rose 3 percent from the third to the fourth quarter, with stockholders gaining the more. Over the past two years there has been a tendency for income shares in the form of dividend and interest to move in an offsetting manner.

In the fourth quarter agricultural income, representing less than 10 percent of the total personal income, was up about $1 billion. Currently the proportion of personal income originating on farms is slightly higher than in the second quarter of 1950.

Defense Program Progress Report

THE Federal budget for fiscal years 1951 and 1952 has been largely dominated by the defense program which has accounted for about three-fourths of the funds available for the operation of the Federal Government in these years. Congress appropriated over $55 billion for the military functions of the Defense Department and foreign economic aid during fiscal year 1951, and thus far this fiscal year has appropriated $65 billion for these activities.

During the 18 months which have elapsed since June 1950 Congress has made available over $120 billion for the military functions of the Defense Department and the Mutual Defense Assistance Program. Of this total $78 billion has been obligated for all defense purposes through December 1951. Defense Department orders for hard goods (planes, tanks, ships, weapons, ammunition, etc.) have amounted to $44 billion. Accepted deliveries of procurement items in the 18-month period totaled $19 billion, including $12 billion of hard goods (see chart.)

The rate of obligations by the Defense Department increased sharply soon after the outbreak of the Korean war. Although order placement for procurement items amounted to over $5 billion during the third quarter of 1950, the most immediate increase involved the obligation of funds for increasing civilian and military personnel and for civilian-type procurement items.

By the first quarter of 1951, order-placement for procurement items had more than doubled the rate of the third quarter, largely as a result of increased contracts for hard goods. Total Defense Department obligations during the first three months of 1951 amounted to $16 billion, the largest quarterly total to date. Since that time order placements and obligations have been at a somewhat lower rate, although some rise occurred in the fourth quarter of 1951.

Overall economic impact

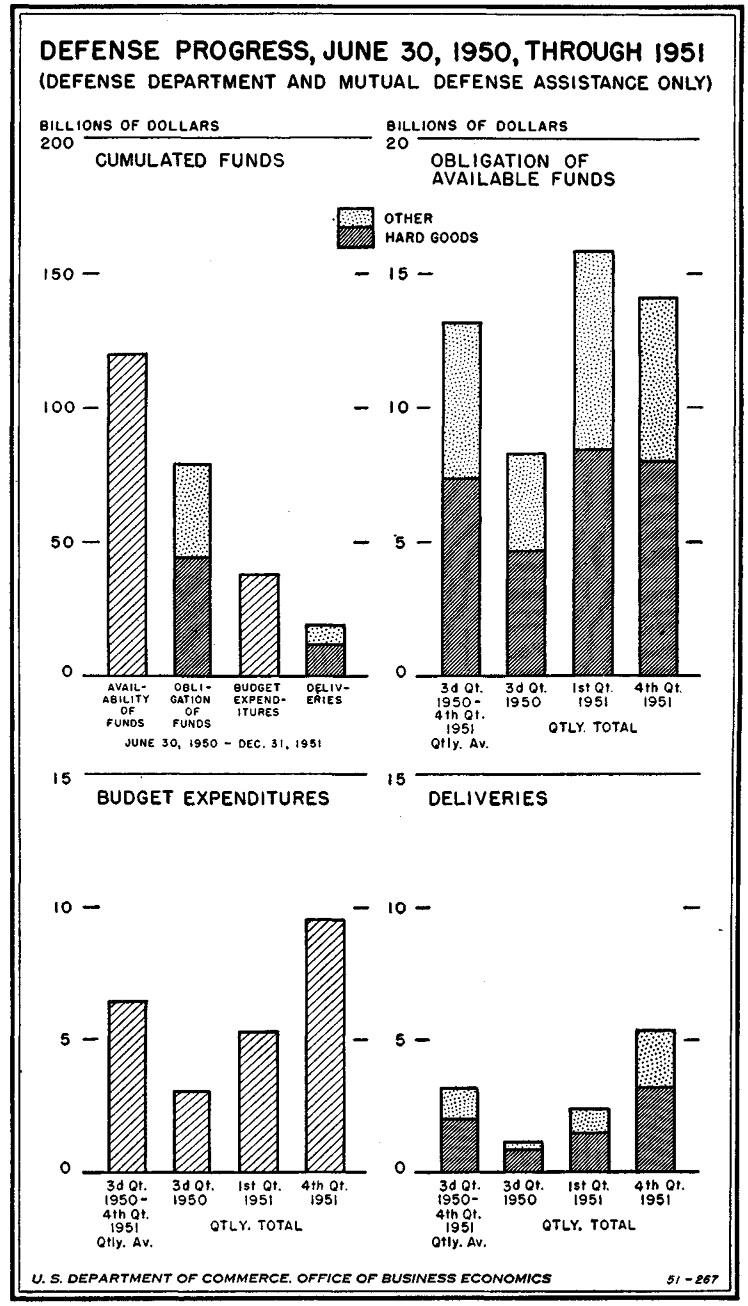
Although the economy is engaged in only a partial mobilization program, many complex problems are associated with such an effort. These problems relate primarily to (1) the apportionment of the available resources between the defense and civilian segments, giving whatever priorities are necessary for this purpose, and (2) the maintenance of a stable civilian economy while, at the same time, rapidly building the Nation's military strength.

The relative share of the Nation's output of goods and services allocated to the defense program has more than doubled during the past 18 months. Defense expenditures, including the military functions of the Defense Department, Mutual Defense Assistance, atomic energy, and stockpiling, amounting to $13.6 billion at annual rates (or about 5 percent of gross national product) in the third quarter of 1950, have increased to over $40 billion at annual rates or to about 12 percent of the national output in the fourth quarter of 1951.

Foreign economic aid amounted to about $4 billion at annual rates in the fourth quarter of 1951. More than half of the increase in gross national product during this period may be directly attributed to increased purchasing of goods and services for defense purposes. The economic impact of the program is even more significant than this figure would indicate due to basic capital expansion in defense and defense-related industries, including plant, equipment, and inventories.

Defense contracts widely dispersed

The bulk of the prime contracts placed by the defense agencies went to the companies having the necessary facilities and resources to get into munitions production quickly.



Other and smaller companies, however, received a significant share of the total prime contracts and these were supplemented by the placement of subcontracts by the large firms.

The Defense Department placed about $35 billion in orders for procurement items including military construction during fiscal year 1951, almost 85 percent or about $30 billion of which represent prime contracts with private industry. The 100 largest contractors received $18.2 billion of prime contracts, or over 60 percent of total military contracts of $10,000 or more awarded in the Continental United States in fiscal year 1951. This in general follows the pattern of World War II, with somewhat less concentration. However, as the program advanced, more and more facilities—including all-sized firms—were drawn into production and the same trend is occurring now.

More than one-fifth of the prime contracts let by the Defense Department from July 1950 through September 1951 has been awarded to firms employing fewer than 500 persons. This relatively large participation by the small firms represents a rather wide dispersion in view of the fact that a very large proportion of available funds is being used to buy aircraft, combat vehicles, etc. which cannot be assembled in small plants. The high proportion of prime contracts awarded to small firms is in part the result of special measures undertaken by the Defense Department to bring the largest possible number of suppliers into military production as prime contractors and, whenever possible, to tailor defense orders to fit the capabilities of small firms. Other special measures designed primarily to aid small business have also been taken, such as direct and guaranteed loans and the establishment of the Small Defense Plants Administration in order to secure maximum participation of small firms in the defense effort.

In addition, two-fifths of the Certificates of Necessity issued from November 1950 to August 1951, permitting accelerated tax amortization, were issued to firms employing

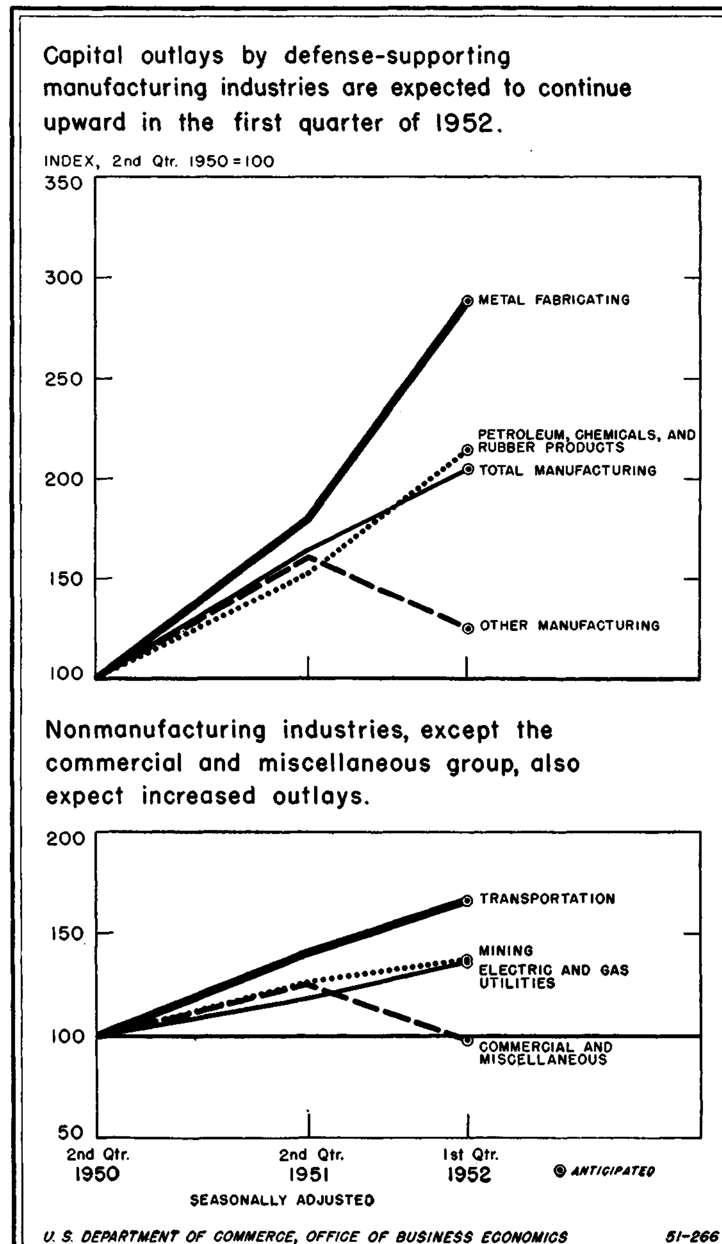
(*Continued on page 16*)

Capital Goods Programs Still Expanding

THE increasing demand for new plant and equipment evident throughout 1951 will continue into the first quarter of 1952, according to the latest survey of business spending intentions by the Office of Business Economics and the Securities and Exchange Commission. Reports submitted during late October and November indicate that businessmen have scheduled additions to productive facilities at a seasonally adjusted annual rate of over $26 billion in the first three months of 1952, almost one-fifth higher than in the corresponding months of 1951.

This record rate of fixed investment compares with programed outlays (on a seasonally adjusted basis) of almost $25 billion in the fourth quarter of last year and a $16.5 billion rate in the second quarter of 1950. Allowing for price changes, the realization of these plans would result in a physical volume of installations some two-fifths above the rate in the immediate pre-Korean period.

The current survey indicates that third quarter 1951 capital outlays were somewhat lower than anticipated in the survey 3 months earlier while seasonally adjusted fourth quarter plant and equipment expenditures showed little change from previously scheduled rates for this period. The downward adjustment in the third quarter may very well result from the materials supply situation—while the adherence to fourth quarter plans may reflect the offsetting influences of a spill-over from the third quarter requirements of projects under construction and a slackened pace on other projects under the impact of the Controlled Materials Plan.



Divergent patterns by size and industry

Examination of the survey results reveals that the recent growth in capital goods outlays is concentrated in defense-supporting industries and among the larger firms. Thus, while manufacturers' facilities programs account for the bulk of the aggregate rise in fixed investment during 1951 and early 1952, most nondefense manufacturing industries have been cutting back their outlays since mid-1951. In addition, expenditures by manufacturers with assets of under $5 million also began declining after the second quarter of last year—in part reflecting differentials between defense and nondefense industries in the size distribution of firms.

The upper panel of the chart presents recent trends in fixed investment by manufacturing industries classified by degree of participation in defense output. It can be seen that the metal-fabricating group of manufacturing industries—those most affected by growing defense expenditures—

Table 2.—Expenditures on New Plant and Equipment by U. S. Business, 1945–52 [1]

[Millions of dollars]

Industry	1945	1946	1947	1948	1949	1950	1951 [3]	1951				1952
								Jan.-Mar.	Apr.-June	July-Sept.	Oct.-Dec.[3]	Jan.-Mar.[3]
Manufacturing [2]	3,983	6,790	8,703	9,134	7,149	7,491	11,141	2,154	2,802	2,841	3,345	3,010
Durable goods industries	1,590	3,112	3,407	3,483	2,594	3,135	5,213	923	1,231	1,363	1,697	1,523
Primary iron and steel	198	500	638	772	596	599	1,310	190	283	352	485	427
Primary nonferrous metals	54	93	178	193	151	134	312	45	62	70	135	125
Fabricated metal products	216	356	370	343	271	350	430	97	104	100	128	88
Electrical machinery and equipment	123	282	304	289	216	245	355	62	87	90	115	104
Machinery except electrical	316	511	519	527	383	411	638	121	149	181	187	152
Motor vehicles and equipment	262	591	504	474	349	510	797	136	193	207	263	(7)
Transportation equipment excluding motor vehicles	56	109	95	106	87	82	227	25	42	54	107	121
Stone, clay and glass products	100	241	326	269	181	280	380	75	98	100	107	(7)
Other durable goods [4]	265	429	473	510	360	524	764	172	213	209	170	139
Nondurable goods industries	2,393	3,678	5,296	5,651	4,555	4,356	5,928	1,230	1,571	1,476	1,648	1,485
Food and kindred products	337	513	669	721	626	523	631	157	184	153	137	106
Beverages	97	157	277	332	249	237	299	78	82	79	60	45
Textile mill products	209	342	510	618	471	450	676	158	216	167	135	118
Paper and allied products	116	232	371	383	298	327	494	106	122	126	140	131
Chemicals and allied products	376	800	1,060	941	670	771	1,266	254	339	319	355	350
Petroleum and coal products	879	1,087	1,736	2,100	1,789	1,587	2,040	356	490	511	682	608
Rubber products	118	139	143	102	81	102	187	40	43	42	61	68
Other nondurable goods [5]	261	408	530	454	371	359	334	81	95	79	78	59
Mining	443	557	693	802	738	684	806	183	203	199	221	208
Railroad	552	573	906	1,319	1,350	1,136	1,564	303	412	377	472	399
Other transportation	321	659	798	700	525	437	517	125	136	120	136	138
Electric and gas utilities	630	1,045	1,897	2,683	3,140	3,167	3,654	753	893	933	1,075	884
Commercial and miscellaneous [6]	1,477	3,298	4,429	5,394	5,119	4,917	5,443	1,345	1,467	1,374	1,257	1,090
Total	**7,406**	**12,922**	**17,426**	**20,032**	**18,021**	**17,832**	**23,126**	**4,863**	**5,913**	**5,844**	**6,506**	**5,729**

[1] Excludes agriculture. These figures do not agree precisely with the totals included in the gross national product estimates of the Department of Commerce. The main difference lies in the inclusion in Commerce figures of certain outlays charged to current account.
[2] Revised.
[3] Estimates for the fourth quarter of 1951 and the first quarter of 1952 are based on anticipated capital expenditures of business as reported in late October and during November.
[4] Includes lumber products, furniture and fixtures, instruments, ordnance and miscellaneous manufactures.
[5] Includes apparel and related products, tobacco, leather and leather products and printing and publishing.
[6] Includes trade, service, finance, communication, etc.
[7] Data not available separately but are included in totals.

Source: U. S. Department of Commerce, Office of Business Economics.

shows the greatest increase (80 percent) from the immediate pre-Korean period to the second quarter of 1951, while the additional three-fifths rise in capital outlays planned by these companies through the first quarter of this year is again larger than that scheduled by any other group of industries.

The increase in the rate of outlays from mid-1950 to the end of the second quarter of 1951 by petroleum, chemicals and rubber companies was not so rapid as most other manufacturing groups, but thereafter expenditures shot upward as continued high market demands plus defense requirements put more pressure on productive facilities. In the all other manufacturing group—composed of industries such as food, beverages, tobacco, leather, paper products, printing and publishing, textiles, etc.—expenditures on plant and equipment expended rapidly following the incidence of Korean hostilities, reaching a peak during the second quarter of last year. At this time, both the allocation of critical materials and a dampening in consumer demand (as compared to the high first quarter rate) resulted in a downturn in the rate of fixed investment which according to the survey is expected to continue through the first quarter of 1952.

The effect on investment of the more favorable sales and materials allocation position of defense-related industries is also noticeable among the nonmanufacturing industries. As can be seen in the lower panel of the chart on page 4, the utilities, railroads, and mining companies are planning peak rates of expansion in early 1952. Capital outlays by commercial and miscellaneous companies, on the other hand, have been falling sharply since mid-1951.

Investment by nonmanufacturing industries

While new equipment expenditures of the commercial group are currently down appreciably from the first quarter of 1951, new commercial construction has been even more adversely affected by special limitation orders. Expenditures for stores, warehouses, garages and other commercial and office buildings fell about one-half between the first and fourth quarters of last year. Through September 30, 1951, the National Production Authority denied applications for controlled materials in the fourth quarter for 1,593, and permitted the construction of only 993, of these types of projects.

In contrast to this investment trend, the electric and gas utilities have programed additions to productive facilities in the first three months of this year at almost one-fifth higher than in the corresponding period of 1951. The strength in this area is shown by the electric power capacity expansion program. The Defense Electric Power Administration reports that utilities are planning the installation of generating capacity at an annual average rate of about 10 million kilowatts in the three years 1952–54. This compares with respective capacity increases of about 5½ million and 7 million kilowatts in 1950 and 1951.

Capital expenditures by the railroads also show no tendency to level out, and first quarter plans are one-third higher than actual expenditures in the first quarter of last year. However, material allocations in the first quarter have been reduced from the fourth quarter of 1951 and the realization of first quarter plans of the railroads to a large extent depends on the ability of freight car producers to maintain deliveries by both stretching materials and cutting inventories.

Freight car installations in 1951 at about double the 1950 rate resulted in a greater increase in equipment outlays than the one-fourth rise in road expenditures. Diesel-electric locomotive installations rose only moderately while passenger cars put in service during 1951 were only one-fourth the corresponding number in 1950.

National Income and Corporate Profits in the Third Quarter, 1951

CORPORATE profits before taxes were reduced to the seasonally adjusted annual rate of $40 billion in the third quarter of last year, according to preliminary estimates of the Office of Business Economics. This represented a decline of $5½ billion from the second quarter and almost $6 billion from the third quarter of 1950. Profits in the third quarter thus dropped substantially below the peak annual rate of over $50 billion obtaining at the turn of the year. Nonetheless, the total remained well above any previous quarter through the first half of 1950.

After-tax profits lowest since 1946

Third-quarter profits after taxes were the lowest since the third quarter of 1946. The third-quarter 1951 rate of $16 billion may be compared with $18½ billion in the second and $20½ billion in the first. These figures reflect combined Federal and State corporate profits tax liability at a rate of almost 60 percent, as compared with a rate of 45 percent in 1950.

Sales by the corporate business system were only moderately lower in the third quarter than in the second. The main factor in the fall of profits was a reduction in margin—that is, the ratio of profits to sales.

On an over-all basis, a very substantial part of the margin decline stemmed from the inventory accounting methods in general business use. The predominant practice is to charge inventory goods to cost of sales in terms of prior-period prices, rather than current replacement prices. This has the effect of including in the reported "book" profit figures an inventory profit or loss—the difference between the current replacement and book cost of inventories used up in production. In the third quarter, inventory losses amounted to almost $3 billion, as opposed to inventory profits of over $2 billion in the second quarter. This swing of over $5 billion was reflected in substantially lowered book profits and profit margins in the third quarter.

The inventory valuation adjustment employed in national income accounting is designed to eliminate inventory profit or loss, and thus provide a measure of profits earned in current production. Profits before taxes adjusted for inventory valuation remained virtually unchanged from the fourth quarter of 1950 through the first three quarters of last year, at a level substantially above earnings in all previous quarters.

Slower rise in national income

The expansion in national income was retarded after the first quarter of 1951. As shown in table 3, third quarter national income was at the annual rate of $278 billion, $3½ billion above the preceding quarter, as compared to a $5 billion rise in the second quarter and much larger increments during the earlier quarters of the mobilization period.

The various income shares participated disproportionately in the third quarter rise in national income. Of the total advance of $3½ billion, over four-fifths was due to a rise in employee compensation, reflecting primarily the further advance in military and defense related payrolls of the Government. Farm proprietors' income also expanded sizeably ($1 billion, or 6 percent). The remaining shares—income of nonfarm business proprietors, rental income of persons, corporate profits adjusted for inventory valuation, and net interest—did not change significantly from the second quarter to the third.

These developments were generally in line with changes during the preceding half year. However, the contribution of private-industry payrolls to the increase in total payrolls was larger in the earlier period.

Industrial pattern of third quarter profits

In terms of book profits before taxes, unadjusted for seasonal variations (table 4), the second-to-third quarter decline was concentrated in manufacturing. Except for mining and a seasonal increase in construction, however, moderate profit declines in the third quarter were general among the major industries.

Within manufacturing, profits were lower in the third quarter in all major industries except food, tobacco, apparel, and petroleum. Advances in these industries, however, were small.

Table 3.—National Income, First Three Quarters, 1951 [1]

Item	Unadjusted			Seasonally adjusted at annual rates		
	I	II	III	I	II	III
National income	**6.60**	**68.5**	**70.1**	**269.4**	**274.3**	**277.9**
Compensation of employees	42.4	44.2	45.3	172.1	177.4	180.4
Proprietors' and rental income	12.2	12.0	12.3	48.8	48.1	49.1
Corporate profits and inventory valuation adjustment	10.0	10.8	11.1	42.9	43.0	42.6
Corporate profits before tax	12.2	11.4	10.4	51.8	45.4	39.8
Corporate profits tax lability	7.3	6.8	6.2	31.1	27.0	23.7
Corporate profits after tax	4.9	4.6	4.2	20.7	18.4	16.1
Inventory valuation adjustment	−2.2	−.6	.7	−8.9	−2.3	2.8
Net interest	1.4	1.4	1.4	5.6	5.7	5.8

[1] Components will not necessarily add to totals because of rounding.
Source: U. S. Department of Commerce, Office of Business Economics.

Several of the important industries connected with the defense effort—transportation equipment (except automobiles), nonferrous metals, iron and steel, machinery, and electrical machinery—showed declines in sales and profits markedly exceeding the all-manufacturing average. This differential pattern reflected in part the fact that sales outside these industries were, in general, bolstered by seasonal influences. After adjustment for these, the relative sales decline in defense-connected industries was smaller than for manufacturing as a whole.

Subsequent discussion is based on data for the first three quarters of 1950 and 1951. Such comparisons largely abstract from the effects of seasonal variation and provide a broader basis for analysis.

(*Continued on page 17*)

By Betty C. Churchill ☆

State Estimates of the Business Population: 1944–51

DURING the past 3 years the business population of the United States has remained remarkably stable; the total number of firms in operation has varied less than 1 percent. This is in contrast to the period from 1944 to 1948 during which the business population regained the losses experienced during World War II, and the total number of firms in operation increased by nearly one million firms or more than 30 percent.

The present article highlights the regional changes which have occurred in the business population since 1948 under conditions of a relatively stable overall number of operating firms. An earlier article in the December 1949 issue of the SURVEY, which introduced comprehensive annual State estimates of the business population for the first time, covered the period 1944–49.[1]

The State data presented here are estimated within the framework of the regular Office of Business Economics series on the business population. The total business population and selected major industry divisions are shown by States and regions as of March 31 for the period 1944–51; additional industrial detail is provided for March 31, 1949.[2] The State and regional distributions of the annual number of new and discontinued businesses are presented only for all industries combined, but are available by major industry division upon request.

In using the State information shown here it should be borne in mind that the data represent estimated totals rather than precise counts of firms. It should be noted that the margin of error increases with the amount of detail shown and that estimating errors are relatively greater in the case of levels for any single year than in the case of year-to-year movements.

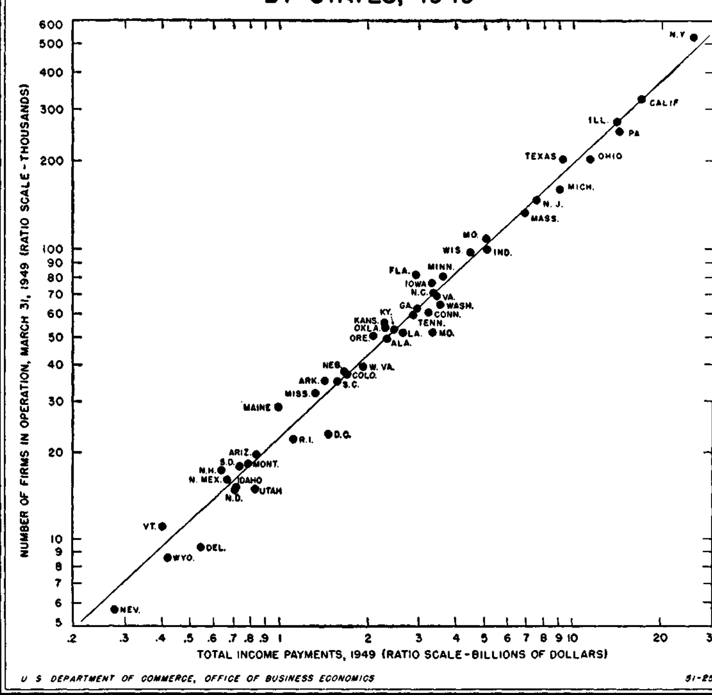
Summary of Regional Changes Since 1948

The business population in the Far West has declined each year since March 31, 1948, with a more than 4 percent decline over the entire 3-year period exceeding that of any other region. This differs from the immediately preceding period, 1944–48, during which the Far West led the sharp advance in number of operating businesses which was participated in by all regions in the years following World War II. The rate of new firm formation in the Far West continued to exceed that in any other region, but this was more than offset by the high discontinuance rate.

New England showed the second largest relative decline from 1948 to 1951 and, together with the Far West, was the only region in which the business population failed to increase between March 31, 1950, and March 31, 1951. However, in New England, both the relative changes and business turn-over rates have been much more moderate. Unlike the Far West, the rate of growth in New England was somewhat below average from 1944 to 1948.

Only in two regions—the Southeast and Middle East—has the business population increased each year since early 1948. The Southeast gained more than any other region,

RELATIONSHIP BETWEEN NUMBER OF FIRMS IN OPERATION AND TOTAL INCOME PAYMENTS, BY STATES, 1949



the number of firms in operation rising nearly 5 percent over the entire 3 years. In the remaining regions—the Southwest, Central, and Northwest—the business population followed the national year-to-year changes of a moderate increase between March 31, 1948, and the end of the first quarter of 1950 followed by a moderate decline; however, although the business population for the United States as a whole was slightly higher March 31, 1951, than 3 years before, both the Central States and the Northwest showed small net losses.

As compared to the immediate prewar period, the Southeast appears to have experienced by far the greatest expansion in number of business firms with the Far West in second

NOTE.—MISS CHURCHILL IS A MEMBER OF THE BUSINESS STRUCTURE DIVISION, OFFICE OF BUSINESS ECONOMICS.

[1] In the December 1949 article, State data were presented on the number of firms in operation by selected major industry divisions, March 31, 1944–49, with some additional industrial detail for the year 1948; the total number of new and discontinued businesses were shown, 1944–48. In the present article, the information on number of firms in operation is revised for the years 1948 and 1949 and extended to 1950 and 1951; the State distributions of new and discontinued businesses are revised for the years 1947 and 1948 and extended to 1950. The earlier article contains a discussion of comparisons of State estimates of the business population with State data available from the Bureau of the Census which is not repeated here.

[2] See tables 1, 6, and 7. The industrial detail shown in table 7 is not available by States for years later than 1949. Tables 2 and 3 and the first chart are based on 1949 data since this is the most recent year for which State estimates of the business population are available on a final basis.

place. Business population estimates are not available by State or region for years earlier than 1944; however 1939, as well as 1947 or 1948, counts of establishments are available from the Bureau of the Census for four major industry divisions which, in 1948, accounted for nearly four-fifths of the total business population.

The Business Population in 1951

Regional and State information on the business population is best appraised against the background of the situation in the business population for the country as a whole. Previous articles on the business population have shown the close correlation which existed before World War II between the total number of firms in operation and business activity as measured by deflated gross national product originating in private nonfarm business, after adjusting for a small systematic trend influence.[3] During the war the number of firms in operation decreased despite increased business activity, and by the end of 1943 a "deficit" of 770,000 firms or 20 percent had developed between the actual business population and the number of firms expected on the basis of the above past relationship with deflated gross national product.

[3] The linear least square regression equation for the years 1929–40 and 1948–49 is $Y=2{,}302+11.79X+6.89t$, where Y=number of firms (thousands); X=gross national product excluding government and agriculture (billions of 1939 dollars); and t=time in 6-month intervals centered at December 31, 1934. See SURVEY articles, "The Postwar Business Population," January 1947, "Industrial Patterns of the Business Population," May 1948, and "Revised Estimates of the Business Population," June 1949.

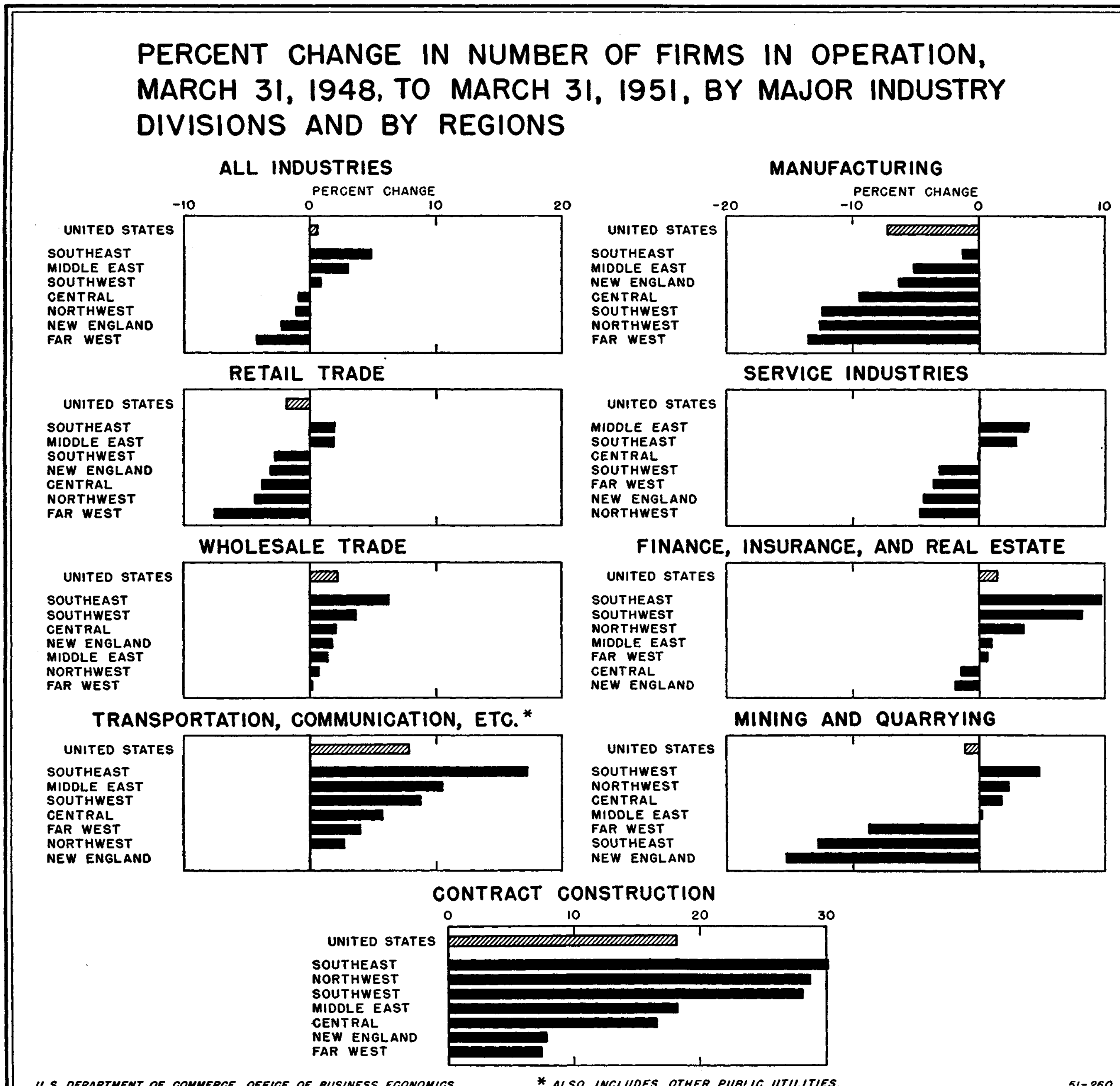


Table 1.—Number of Firms in Operation, March 31, 1944–1951, and Number of New and Discontinued Businesses, 1944–1950, by States and Regions

[Thousands]

State and region	Firms in operation								New businesses							Discontinued businesses						
	1944	1945	1946	1947	1948	1949	1950 p	1951 p	1944	1945	1946	1947	1948	1949 p	1950 p	1944	1945	1946	1947	1948	1949 p	1950 p
Continental United States	**3,022.2**	**3,219.1**	**3,515.8**	**3,839.7**	**3,983.4**	**3,973.0**	**3,968.4**	**4,007.4**	**354.9**	**429.8**	**619.8**	**476.4**	**404.6**	**358.6**	**397.5**	**198.4**	**202.6**	**226.4**	**291.8**	**371.0**	**386.3**	**365.2**
New England	**217.4**	**226.5**	**245.4**	**272.8**	**276.0**	**272.2**	**269.8**	**269.5**	**17.0**	**14.4**	**40.8**	**25.9**	**21.3**	**19.9**	**23.6**	**10.6**	**11.3**	**10.5**	**16.9**	**22.1**	**24.8**	**22.3**
Connecticut	45.5	47.4	53.8	58.8	61.4	60.4	59.1	59.3	3.7	6.2	8.2	6.1	4.8	5.0	5.4	2.7	1.3	2.3	3.1	4.0	7.2	5.4
Maine	23.9	24.6	26.5	29.3	29.3	28.8	29.0	30.2	1.7	2.5	4.7	3.0	2.2	2.2	3.1	1.3	1.5	1.4	2.3	2.6	2.3	2.2
Massachusetts	108.3	113.1	118.6	134.8	134.0	132.4	131.7	129.6	8.2	10.5	20.7	11.7	10.0	9.0	10.7	4.4	7.1	4.2	8.5	11.2	10.9	10.2
New Hampshire	13.8	14.1	15.8	17.5	17.7	17.4	17.0	17.0	1.1	1.7	2.8	1.8	1.6	1.4	1.6	.8	.6	.8	1.2	1.7	1.9	1.7
Rhode Island	17.0	18.1	20.5	21.4	22.3	22.2	22.4	22.5	1.7	2.3	2.8	2.0	1.8	1.6	1.9	.8	.4	1.2	1.1	1.6	1.5	1.9
Vermont	8.9	9.2	10.3	11.0	11.3	11.0	10.6	10.8	.6	1.2	1.6	1.1	.9	.7	.9	.5	.4	.5	.7	1.0	1.1	.8
Middle East	**831.5**	**866.8**	**939.3**	**1,015.1**	**1,047.9**	**1,049.7**	**1,067.4**	**1,067.4**	**74.1**	**104.2**	**147.0**	**112.2**	**99.1**	**92.9**	**100.5**	**48.4**	**50.9**	**55.0**	**71.8**	**85.1**	**87.2**	**85.7**
Delaware	7.6	7.8	9.3	8.8	9.4	9.3	9.6	9.9	.5	.8	1.3	1.2	.9	.9	.9	.2	.6	.7	.6	.8	.6	.6
District of Columbia	20.3	21.1	21.7	22.9	23.0	23.1	23.4	23.6	1.8	1.7	2.6	2.0	2.1	1.9	1.9	1.2	1.4	1.1	1.7	2.0	1.7	1.6
Maryland	40.5	41.8	45.2	49.5	51.1	51.7	52.5	53.7	3.6	4.3	7.6	6.0	5.5	4.9	5.3	2.3	2.5	2.1	4.0	4.8	4.2	4.2
New Jersey	116.7	119.5	131.1	142.7	147.8	147.1	149.4	150.7	9.2	15.1	20.2	14.4	12.3	12.2	13.4	8.2	6.8	5.9	8.4	11.9	10.6	11.8
New York	426.0	445.2	483.6	519.0	526.7	527.8	540.3	547.2	40.0	57.9	78.1	56.6	50.0	49.8	55.0	25.6	29.5	33.1	44.3	44.1	45.2	45.8
Pennsylvania	193.0	200.9	216.7	236.3	250.6	251.0	252.8	254.0	15.3	20.0	31.0	26.5	23.1	19.4	19.9	8.9	8.0	9.8	10.2	17.8	20.4	17.9
West Virginia	27.5	30.4	32.8	36.1	39.4	39.6	39.4	40.2	3.7	4.5	6.2	5.6	5.3	3.9	4.1	1.9	2.2	2.1	2.6	3.7	4.4	3.7
Southeast	**422.6**	**462.8**	**500.5**	**562.3**	**593.9**	**599.0**	**607.5**	**622.7**	**61.1**	**65.0**	**107.7**	**84.8**	**72.3**	**64.3**	**73.4**	**29.3**	**35.8**	**38.4**	**44.6**	**61.5**	**59.0**	**59.1**
Alabama	37.0	39.9	42.6	48.8	49.3	49.2	48.1	49.6	4.6	5.1	9.3	5.9	6.2	5.3	5.1	2.7	2.7	2.7	48.	5.6	6.2	5.0
Arkansas	26.1	28.8	31.2	35.3	36.4	35.4	34.5	34.3	4.0	4.5	6.9	5.7	3.9	3.3	3.4	2.2	2.8	2.6	2.5	5.1	4.0	3.9
Florida	48.2	55.0	63.6	73.4	79.4	81.5	87.8	91.2	8.6	11.9	17.7	14.4	14.4	13.0	14.3	4.7	5.0	5.5	8.0	12.4	6.5	9.1
Georgia	45.8	50.1	53.6	61.4	63.2	62.3	61.0	62.5	6.1	6.7	12.5	7.7	4.9	5.9	8.0	2.6	3.8	4.0	4.8	3.6	9.0	7.3
Kentucky	37.8	40.5	44.0	48.7	52.3	53.0	52.3	54.7	4.6	5.5	8.0	7.3	6.3	5.3	5.8	2.5	2.9	2.8	3.4	5.1	6.0	3.5
Louisiana	33.6	37.7	41.2	46.0	51.0	51.9	51.9	51.8	6.3	5.7	10.0	8.1	6.8	5.3	6.0	2.5	3.3	3.7	2.6	5.0	6.4	6.0
Mississippi	23.3	25.8	28.1	30.7	32.4	32.0	32.5	33.1	3.5	3.9	6.2	4.6	3.3	3.0	3.5	1.3	2.3	2.6	2.5	3.4	2.7	2.8
North Carolina	50.9	55.1	57.8	66.7	70.3	70.1	72.8	74.7	7.5	5.2	11.3	9.9	7.8	7.4	8.0	2.9	3.4	3.6	4.4	7.3	5.5	5.1
South Carolina	26.0	28.0	30.0	32.8	35.0	35.0	35.8	37.8	2.9	3.4	5.6	4.8	3.6	3.2	4.2	1.4	1.9	2.2	2.3	3.0	2.9	2.8
Tennessee	45.1	49.4	52.4	57.1	59.2	59.3	60.1	60.6	6.7	6.9	9.7	7.4	6.3	5.6	6.8	3.2	3.8	4.6	4.8	5.8	5.1	7.1
Virginia	48.8	52.5	55.9	61.4	65.4	69.4	70.7	72.4	6.4	6.2	10.4	8.9	8.6	7.0	8.3	3.3	3.8	4.2	4.4	5.2	4.6	6.4
Southwest	**200.1**	**229.8**	**255.0**	**278.1**	**292.7**	**291.1**	**290.1**	**295.0**	**43.6**	**41.2**	**54.4**	**43.4**	**35.2**	**31.3**	**35.7**	**16.7**	**18.9**	**23.0**	**28.1**	**33.0**	**34.6**	**30.9**
Arizona	11.2	12.7	14.8	17.3	19.9	19.6	18.9	18.8	2.5	2.6	4.6	4.5	3.3	2.4	2.6	.9	1.1	1.8	1.5	2.9	3.3	2.8
New Mexico	10.4	11.5	13.1	14.8	15.7	16.0	15.9	15.8	1.9	2.3	3.9	2.6	2.4	2.0	2.2	1.0	1.3	1.6	1.6	2.0	2.1	2.5
Oklahoma	39.6	43.6	48.7	52.0	53.7	53.2	52.9	53.3	6.7	6.9	8.6	6.8	4.9	4.7	5.9	2.8	2.8	3.5	5.0	4.8	5.5	5.5
Texas	138.9	162.1	178.4	193.9	203.4	202.2	202.4	207.1	32.6	29.4	37.2	29.5	24.6	22.1	25.0	12.1	13.7	16.1	20.0	23.2	23.7	20.0
Central	**893.8**	**931.4**	**1,006.5**	**1,071.4**	**1,102.6**	**1,095.6**	**1,085.0**	**1,092.2**	**82.5**	**103.4**	**143.8**	**106.6**	**96.4**	**81.0**	**90.4**	**53.5**	**49.0**	**57.0**	**69.3**	**91.5**	**91.8**	**90.5**
Illinois	235.5	244.0	260.1	267.7	276.8	271.7	265.4	266.5	20.1	26.0	30.1	23.6	22.7	18.9	21.1	14.9	12.3	16.3	16.3	24.4	23.4	23.6
Indiana	79.0	84.1	90.5	96.6	99.7	99.6	97.6	96.6	7.7	9.8	13.9	10.9	8.9	7.2	8.0	3.7	4.3	5.7	6.8	8.8	9.1	9.3
Iowa	61.6	64.0	69.5	75.0	77.3	76.5	75.1	74.6	6.9	6.2	9.7	6.7	5.8	4.6	4.9	3.7	3.1	2.8	3.8	5.7	5.8	6.3
Michigan	126.3	128.0	142.1	155.4	160.3	159.6	161.4	165.5	10.4	16.0	26.7	17.6	17.9	14.5	16.8	9.5	8.3	9.4	11.5	16.1	13.4	13.8
Minnesota	65.0	68.1	72.9	79.0	81.7	80.5	79.5	79.6	5.8	7.4	10.3	8.2	6.0	5.1	5.9	3.7	3.5	3.3	3.9	7.0	6.3	6.0
Missouri	94.6	98.9	103.8	108.4	110.4	109.4	106.2	107.8	9.2	10.0	15.0	11.5	8.7	7.9	9.1	6.2	7.3	7.6	8.1	9.2	10.6	9.6
Ohio	153.9	162.7	177.2	192.4	198.2	200.8	203.1	205.1	15.4	19.2	26.5	20.1	18.9	16.6	18.3	8.1	7.7	8.7	13.2	13.4	16.3	14.9
Wisconsin	77.9	81.6	90.5	96.9	98.2	97.6	96.7	96.5	7.0	8.9	11.6	8.0	7.5	6.2	6.2	3.7	2.6	3.3	5.8	6.8	7.0	6.9
Northwest	**170.5**	**178.6**	**198.5**	**216.9**	**224.6**	**221.0**	**219.5**	**222.0**	**17.4**	**23.8**	**35.8**	**28.0**	**20.4**	**19.2**	**20.6**	**11.3**	**10.6**	**11.9**	**17.9**	**21.4**	**21.0**	**20.0**
Colorado	27.2	28.6	32.4	36.0	37.5	37.3	37.1	37.4	3.1	4.1	7.1	5.6	4.7	4.1	4.4	2.0	1.9	2.1	4.1	4.3	4.3	4.3
Idaho	10.7	11.4	13.3	15.2	15.6	15.2	14.8	14.6	1.5	2.1	3.4	2.5	1.7	1.4	1.9	1.0	.9	.9	1.8	2.0	1.7	2.2
Kansas	43.4	46.1	51.4	55.2	56.9	55.9	56.5	58.6	4.9	6.2	8.5	6.4	4.4	4.7	4.9	2.8	2.5	2.9	4.4	4.6	4.5	3.3
Montana	14.5	15.1	16.4	17.8	18.6	18.3	18.3	18.3	1.5	2.0	2.8	2.4	1.7	1.7	1.7	1.0	1.0	1.1	1.3	1.8	1.7	1.8
Nebraska	31.1	31.8	35.3	38.1	39.0	38.1	37.5	37.6	2.1	3.8	5.7	4.1	3.0	2.5	2.7	1.7	1.6	2.0	2.7	3.4	3.0	3.2
North Dakota	12.2	12.8	13.4	14.6	15.0	14.9	14.4	14.2	1.0	1.3	1.7	1.5	1.1	1.2	1.0	.7	.7	.6	.8	1.1	1.7	1.1
South Dakota	14.2	15.0	15.8	16.9	18.0	17.9	17.8	17.6	1.7	1.5	2.1	2.1	1.5	1.4	1.4	.8	.8	1.0	.9	1.4	1.4	1.7
Utah	11.1	11.3	12.9	14.8	15.5	15.0	14.9	15.3	.8	1.7	3.1	2.3	1.3	1.3	1.6	.8	.8	.8	1.2	1.7	1.5	1.5
Wyoming	6.1	6.4	7.5	8.3	8.6	8.6	8.3	8.5	.8	1.2	1.4	1.2	1.0	.9	.9	.5	.3	.5	.7	.9	1.1	.9
Far West	**286.3**	**323.2**	**370.7**	**423.0**	**445.7**	**444.4**	**429.1**	**426.5**	**59.1**	**68.0**	**90.2**	**75.5**	**59.8**	**50.1**	**53.4**	**28.7**	**26.1**	**30.7**	**43.2**	**56.5**	**67.9**	**56.6**
California	206.7	235.3	268.0	306.8	323.5	323.6	311.9	309.6	44.9	48.3	65.4	56.1	43.5	37.2	37.6	21.1	19.6	21.7	31.6	40.2	51.9	40.6
Nevada	4.0	4.1	4.9	5.6	5.8	5.7	5.4	5.2	.5	1.0	1.5	1.2	1.0	.8	.7	.5	.5	.6	.8	1.0	1.1	1.0
Oregon	31.7	34.1	39.5	45.6	49.5	50.2	48.6	49.4	5.2	7.6	10.1	8.4	7.9	5.5	7.9	3.2	3.1	3.3	4.6	6.3	6.9	6.8
Washington	44.0	49.6	58.3	65.1	66.9	64.9	63.2	62.3	8.6	11.0	13.3	9.9	7.4	6.6	7.1	3.9	2.8	5.1	6.2	9.0	8.0	8.3

p=Preliminary. NOTE.—Detail will not necessarily add to totals because of roundings. Source: U. S. Department of Commerce, Office of Business Economics.

In 1948, following a period of steady and, at times, rapid growth, the business population again attained the level expected on the basis of the previous relationship with deflated GNP. During 1949 the close relationship continued to hold and both deflated gross national product and the number of firms in operation edged down slightly. However, starting in the first quarter of 1950, deflated gross national product began a steady increase which was accelerated following the developments in Korea. The business population has not fully responded to this increase in business activity.

Between the end of the first quarter of 1950 and of 1951 an increase of 180,000 firms or 4.5 percent would have been expected on the basis of the relationship described above; however, the business population increased by only 1 percent or less than 40,000 firms. In many respects the past 12 months are similar to the year 1941, when a moderate increase in the business population was also less than that expected on the basis of the past relationship with deflated gross national product originating in private business. Currently, as well as in 1941, the business population is roughly 5 percent below the "expected" level.

Among the major industry divisions the most conspicuous recent development is the halt, at the beginning of 1950, of the decline in the number of manufacturing firms which had been under way since the middle of 1947. Manufacturing was the first industry division to level off and show a decline after World War II. Between the middle of 1947 and the the end of 1949 the number of manufacturing firms decreased by nearly 10 percent while the number of construction firms increased by 16 percent and all other major industrial sectors of the business population gained moderately except retail trade and finance, insurance and real estate where the number of firms in operation remained relatively constant. Since then the number of firms in the contract construction and the transportation, communication and other public utilities divisions have continued to increase moderately while other industrial divisions of the business population have remained relatively unchanged.

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Geographical Distribution of the Business Population

As has been shown in previous articles on the business population, the long term growth in the number of operating businesses is closely associated both with the growth of the human population and even more closely with income. The geographical distribution of the business population is likewise highly correlated with the geographical distribution of the human population and of income.

Table 2.—Percent Distribution of Number of Firms in Operation Within Each Region by Major Industry Divisions, 1949 [1]

Region	All industries	Mining and quarrying	Contract construction	Manufacturing	Transportation, communication, and other public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Service industries
United States	**100.00**	**0.88**	**8.37**	**7.99**	**4.76**	**5.10**	**42.71**	**8.69**	**21.49**
New England	100.00	.09	10.30	10.19	5.17	4.46	42.52	7.04	20.23
Middle East	100.00	.99	7.92	9.51	4.83	5.98	39.04	11.60	20.14
Southeast	100.00	.84	7.00	8.63	4.34	4.71	45.42	6.21	22.85
Southwest	100.00	2.61	8.55	4.62	4.11	4.89	43.59	6.20	25.44
Central	100.00	.53	8.28	7.09	4.96	4.85	44.68	9.33	20.27
Northwest	100.00	1.57	7.91	4.56	5.60	5.23	46.00	7.00	22.12
Far West	100.00	.54	10.39	8.35	4.45	4.68	40.81	7.03	23.75

[1] Based on data in tables 1, 6, and 7. All computations were made from unrounded figures.

Source: U. S. Department of Commerce, Office of Business Economics.

The regional and State variations in the number of firms in operation per 1,000 inhabitants can be largely explained by similar variations in income payments per inhabitant. On a per capita basis, both the number of firms in operation and income are markedly high in Nevada, New York, and other Far Western, Northwestern, Middle Eastern, and New England States. With the exception of Florida, the Southeast is low in both per capita firms in operation and per capita income; the Southwestern and Central States are close to the average, or, particularly Illinois, somewhat above average. It is of interest to note that the Southeast, the region with the lowest per capita firms in operation, is the region which has shown the greatest recent relative increases in the business population.

The chart on page 7 depicts the 1949 relationship between the number of firms in operation and total income of individuals (which takes into account the joint effect of the human population and per capita income) by State. The relationship shown in this chart was presented for the year 1948 in the earlier article on the State distribution of the business population two years ago; practically identical results are obtained for each of the two years. The year 1949 is used for the chart because this is the latest year for which final State estimates of the business population are available; however, the relative positions of the States are again virtually the same when preliminary 1950 data are plotted.

The largest positive deviation is found for Florida, where the business population is higher than would be expected on the basis of the relationship with income alone. This is largely a result of the extent to which this State caters to vacationists, particularly in the first quarter of the year to which the business population estimate pertains.

The District of Columbia is farthest below the line of average relationship between income and the number of firms in operation by States—a reflection of the fact that this is a small urban area. Another factor is the extent to which income originates in Government rather than in private firms contained in the business population. When retail food (and liquor) firms are plotted against total income payments by States, the deviations for both Florida and the District of Columbia are materially reduced.

Table 3 presents the 1949 percentage distributions of the business population by State within major industry divisions,

Table 3.—Percent Distribution of Number of Firms in Operation Within Each Major Industry, by States and Regions, 1949 [1]

State and Region	All industries	Contract construction	Manufacturing	Transportation, communication, and other public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Service industries	Human population	Total income payments [2]
Continental United States	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**
New England	**6.86**	**8.43**	**8.74**	**7.44**	**5.99**	**6.84**	**5.56**	**6.46**	**6.30**	**6.71**
Connecticut	1.52	2.32	1.47	1.22	1.06	1.57	1.24	1.48	1.35	1.63
Maine	.73	.70	1.51	1.09	.46	.71	.42	.61	.61	.50
Massachusetts	3.33	3.87	3.81	3.66	3.58	3.26	3.05	3.21	3.21	3.49
New Hampshire	.44	.55	.67	.58	.23	.44	.29	.41	.35	.32
Rhode Island	.56	.69	.85	.45	.50	.58	.40	.49	.53	.57
Vermont	.28	.30	.43	.44	.16	.28	.16	.26	.25	.20
Middle East	**26.42**	**25.04**	**31.43**	**26.79**	**30.95**	**24.14**	**35.27**	**24.76**	**23.80**	**27.88**
Delaware	.23	.32	.18	.23	.16	.24	.33	.20	.21	.27
District of Columbia	.58	.49	.19	.34	.48	.48	1.21	.82	.56	.75
Maryland	1.30	1.61	1.07	1.63	1.26	1.32	1.12	1.27	1.57	1.67
New Jersey	3.70	4.73	4.01	3.84	2.84	3.73	4.01	3.31	3.22	3.80
New York	13.29	10.07	18.58	12.33	19.21	11.11	23.02	12.19	9.93	13.09
Pennsylvania	6.32	7.10	6.41	6.97	6.30	6.26	4.88	6.08	7.01	7.32
West Virginia	1.00	.72	.99	1.45	.70	1.00	.70	.89	1.30	.98
Southeast	**15.08**	**12.61**	**16.28**	**13.73**	**13.92**	**16.05**	**10.77**	**16.03**	**20.84**	**13.82**
Alabama	1.24	.75	1.54	1.18	1.14	1.33	.88	1.31	2.02	1.17
Arkansas	.89	.57	1.04	.73	.78	1.01	.54	.93	1.24	.73
Florida	2.05	2.38	1.61	1.48	1.88	2.00	1.93	2.47	1.80	1.49
Georgia	1.57	1.11	2.07	1.20	1.60	1.65	1.11	1.70	2.26	1.48
Kentucky	1.33	1.17	1.00	1.52	1.17	1.42	.92	1.34	1.93	1.25
Louisiana	1.31	1.10	1.22	1.33	1.35	1.45	.88	1.28	1.77	1.34
Mississippi	.81	.52	1.08	.62	.75	.94	.39	.78	1.40	.67
North Carolina	1.76	1.40	2.40	1.68	1.70	1.80	1.03	1.99	2.65	1.70
South Carolina	.88	.65	.98	.72	.74	1.03	.55	.89	1.35	.80
Tennessee	1.49	1.12	1.51	1.22	1.43	1.65	1.10	1.57	2.20	1.45
Virginia	1.75	1.84	1.83	2.05	1.38	1.77	1.44	1.77	2.22	1.74
Southwest	**7.32**	**7.48**	**4.25**	**6.31**	**7.02**	**7.47**	**5.22**	**8.67**	**7.51**	**6.61**
Arizona	.49	.70	.25	.34	.42	.49	.31	.63	.49	.42
New Mexico	.40	.42	.20	.39	.29	.42	.24	.51	.43	.34
Oklahoma	1.34	1.11	.72	1.18	1.32	1.38	1.01	1.54	1.43	1.16
Texas	5.09	5.25	3.08	4.40	4.99	5.18	3.66	5.99	5.16	4.69
Central	**27.58**	**27.30**	**24.47**	**28.72**	**26.20**	**28.85**	**29.63**	**26.03**	**26.58**	**28.41**
Illinois	6.84	5.98	6.22	6.74	6.94	6.42	12.28	6.15	5.81	7.14
Indiana	2.51	2.55	2.00	2.57	2.06	2.84	2.01	2.35	2.62	2.58
Iowa	1.92	1.85	1.08	3.06	1.89	2.19	1.50	1.71	1.72	1.67
Michigan	4.02	4.31	3.98	3.36	3.54	4.39	2.90	4.01	4.22	4.56
Minnesota	2.03	2.13	1.92	2.53	2.13	2.16	1.68	1.82	1.96	1.82
Missouri	2.75	2.32	2.22	2.86	2.97	2.85	3.15	2.74	2.63	2.55
Ohio	5.05	5.42	4.49	4.79	4.62	5.36	4.12	5.02	5.38	5.79
Wisconsin	2.46	2.74	2.56	2.81	2.05	2.64	1.99	2.23	2.24	2.28
Northwest	**5.57**	**5.26**	**3.18**	**6.54**	**5.71**	**5.99**	**4.48**	**5.72**	**5.18**	**4.97**
Colorado	.94	1.02	.65	.90	.98	.89	.92	1.07	.84	.86
Idaho	.38	.38	.28	.51	.34	.41	.24	.40	.39	.36
Kansas	1.41	1.18	.72	1.82	1.37	1.55	1.06	1.42	1.25	1.16
Montana	.46	.40	.31	.47	.38	.50	.36	.47	.38	.40
Nebraska	.96	.90	.49	1.22	1.06	1.08	.83	.91	.86	.84
North Dakota	.38	.26	.14	.42	.55	.45	.27	.36	.39	.36
South Dakota	.45	.42	.21	.62	.50	.51	.32	.44	.42	.37
Utah	.37	.46	.27	.28	.38	.38	.33	.40	.46	.42
Wyoming	.22	.24	.11	.30	.15	.22	.15	.25	.19	.21
Far West	**11.17**	**13.89**	**11.68**	**10.45**	**10.25**	**10.69**	**9.05**	**12.37**	**9.78**	**11.60**
California	8.14	10.59	7.43	6.66	7.62	7.77	6.76	9.33	7.07	8.61
Nevada	.14	.19	.05	.13	.10	.14	.08	.20	.11	.14
Oregon	1.26	1.37	2.24	1.80	1.03	1.16	.88	1.20	1.00	1.06
Washington	1.63	1.74	1.96	1.86	1.50	1.62	1.33	1.64	1.60	1.79
Coefficients of correlation:										
Firms related to income payments	.995	.970	.950	.983	.957	993	.912	.987	------	------
Firms related to human population	.975	.955	.911	.963	.919	.987	.851	.976	------	------

[1] Based on data in tables 1, 6, and 7. The percent distribution for the mining and quarrying division is not shown for lack of space; however, the number of firms in this division March 31, 1949, are shown by State in table 7.

[2] In the case of the District of Columbia, Maine, Maryland, New Hampshire, New Jersey, New York and Virginia, the income payments figures were adjusted to a resident basis, as noted in footnote 2 to table 9 of "State Income Payments in 1950", SURVEY OF CURRENT BUSINESS, August 1951, p. 20.

Source: All data except human population, U. S. Department of Commerce, Office of Business Economics; human population, Bureau of the Census.

Table 4.—Percent Change in Number of Firms in Operation, March 31, 1948, to March 31, 1951, by Major Industry Division and by States and Regions [1]

State and region	All industries	Mining and quarrying	Contract Construction	Manufacturing	Transportation, communication and other public utilities	Wholesale trade	Retail trade	Finance insurance and real estate	Service industries
Continental United States	**0.60**	**−1.24**	**18.14**	**−7.35**	**7.86**	**2.16**	**−1.93**	**1.43**	**0.08**
New England	−2.34	−15.33	7.73	−6.51	−.03	1.67	−3.25	−1.97	−4.48
Connecticut	−3.30	−39.29	6.52	−10.79	−1.41	3.14	−4.58	−5.11	−3.93
Maine	3.09	9.52	14.34	6.32	12.20	2.28	.41	−.94	−.83
Massachusetts	−3.33	−14.29	7.45	−12.57	−1.67	.63	−3.84	−2.34	−4.57
New Hampshire	−3.76	−21.74	3.89	−1.58	−11.78	−4.36	−3.21	−2.34	−7.86
Rhode Island	1.11	−36.84	15.51	2.28	8.13	5.79	−1.00	5.78	−5.40
Vermont	−4.05	18.18	−3.93	−9.89	−4.21	8.84	−2.82	10.49	−8.03
Middle East	3.01	.18	18.15	−5.24	10.48	1.28	1.82	.98	3.85
Delaware	6.31	−146.67	30.02	−1.52	13.04	12.90	4.18	3.19	1.52
District of Columbia	2.89	0	9.69	−1.47	47.57	7.34	−2.69	2.57	3.99
Maryland	5.04	13.79	21.49	−5.06	12.02	3.47	3.34	11.45	.28
New Jersey	1.99	−8.15	19.69	−2.64	8.09	5.29	−1.01	1.18	−.13
New York	3.90	−11.50	17.78	−5.92	7.09	.42	4.75	.31	7.62
Pennsylvania	1.36	.91	16.83	−6.36	15.58	.77	−1.14	.81	−.03
West Virginia	2.09	3.00	19.68	3.03	11.05	3.41	−1.46	3.22	.40
Southeast	4.86	−12.79	30.11	−1.37	17.22	6.15	1.83	9.75	2.86
Alabama	.61	−13.66	33.53	−5.46	8.95	2.73	−2.06	11.10	−2.29
Arkansas	−5.57	−3.44	18.04	−5.29	5.66	3.06	−9.41	.85	−7.71
Florida	14.90	1.04	36.37	8.82	24.61	12.02	11.31	19.67	12.06
Georgia	−1.07	8.33	23.17	−5.45	15.07	−.79	−3.76	3.33	−3.44
Kentucky	4.65	−30.96	40.22	−4.24	18.52	8.54	2.89	5.95	3.43
Louisiana	1.49	−1.06	12.01	−12.17	16.95	4.54	−.13	3.74	1.73
Mississippi	2.06	9.68	34.37	−12.89	19.01	4.82	.39	6.89	2.59
North Carolina	6.27	18.87	30.35	2.26	17.14	5.59	3.95	8.65	3.65
South Carolina	7.80	−5.26	45.41	14.94	20.55	14.88	2.26	11.57	3.65
Tennessee	2.34	−15.31	33.04	−4.28	21.38	5.15	−1.86	8.13	.53
Virginia	10.80	28.28	25.00	5.73	17.23	8.31	9.23	12.76	7.63
Southwest	.78	4.69	28.10	−12.52	8.69	3.56	−2.85	8.18	−3.21
Arizona	−5.60	−9.09	−8.86	−13.98	−.91	7.16	−4.63	−.97	−7.71
New Mexico	.63	2.61	30.05	−19.68	11.39	4.15	−3.10	20.70	−4.67
Oklahoma	−.74	6.30	33.12	−5.66	4.14	1.40	−5.66	8.56	−5.13
Texas	1.82	4.67	32.24	−13.42	10.42	3.80	−1.90	8.14	−2.10
Central	−.94	1.68	16.51	−9.56	5.62	1.99	−3.92	−1.57	−.03
Illinois	−3.73	4.81	10.85	−13.16	4.16	−.25	−5.61	−5.62	−2.89
Indiana	−3.07	7.50	15.12	−10.68	1.45	.89	−5.68	2.07	−5.25
Iowa	−3.53	−9.22	17.24	−14.48	.27	−.05	−7.07	1.44	−4.01
Michigan	3.28	0	18.88	−7.19	12.03	5.43	−.35	1.36	7.50
Minnesota	−2.57	10.34	22.12	−9.28	1.37	1.01	−5.70	−1.58	−5.28
Missouri	−2.33	−5.19	16.79	−9.61	2.07	1.60	−5.08	.45	−3.57
Ohio	3.48	3.05	21.09	−4.70	19.34	4.51	−.55	1.95	4.83
Wisconsin	−1.72	−10.41	12.44	−9.99	−3.95	2.75	−5.13	3.24	1.58
Northwest	−1.16	2.26	28.71	−12.73	2.56	.61	−4.46	3.46	−4.76
Colorado	−.27	9.15	29.64	−16.34	3.38	.87	−3.85	1.57	−3.19
Idaho	−5.97	−25.41	8.87	−22.82	2.93	2.83	−8.13	2.93	−7.08
Kansas	2.97	7.22	44.08	−4.85	9.35	3.43	−.31	7.03	−4.08
Montana	−1.89	−8.32	23.58	−15.25	−.56	−1.02	−6.03	3.20	1.62
Nebraska	−3.68	9.24	18.93	−12.00	−1.31	−2.10	−6.54	−1.29	−5.86
North Dakota	−5.24	−13.33	34.68	−18.36	−8.60	−4.65	−7.15	−.11	−9.08
South Dakota	−2.21	−20.41	34.73	−7.84	−5.06	.31	−5.62	8.19	−7.33
Utah	−1.36	−3.33	19.19	−6.88	8.36	6.87	−5.43	7.52	−6.81
Wyoming	−1.02	12.06	35.52	−21.53	7.07	−2.64	−6.19	6.61	−4.89
Far West	−4.31	−8.81	7.38	−13.62	3.89	.19	−7.65	.58	−3.66
California	−4.30	−5.17	6.13	−16.01	2.90	−.07	−7.40	−.81	−2.84
Nevada	−10.86	−16.27	−9.25	−25.82	−4.73	2.54	−13.00	−4.05	−10.09
Oregon	−.21	−29.09	16.13	−2.44	12.90	4.96	−4.38	3.52	−3.52
Washington	−6.80	−16.86	9.79	−17.10	−.34	−1.76	−10.63	6.13	−7.57

[1] Based on data in tables 1 and 6. All computations were made from unrounded figures. Source: U. S. Department of Commerce, Office of Business Economics.

and, for comparative purposes, the distributions of the human population and of total income of individuals. Even a casual inspection of this table brings out the close correlation between the distributions of income and of the human population and the distribution of firms in operation not only for the business population as a whole but also for most of the major industry divisions.

The coefficients of correlation for the relationships between the distributions of firms and of income payments and the human population are shown at the bottom of table 3. For all firms and for each industry division shown, the correlation between firms and income is slightly closer than the correlations between number of firms and the human population.

The best relationship between firms and income payments is found in the case of the business population as a whole, suggesting a compensating effect on the distribution of firms by industries within areas where concentrations of particular types of industries occur. When firms and the human population are correlated, the relationships for both retail trade and the service industries are slightly better than for the business population as a whole—a not surprising result in view of the necessity for direct and frequent contact between consumers and the firms operating in these fields. However, even in these two industry divisions, a closer correlation exists with income.

Industrial differences within regions

Mining and quarrying is the only major industry division for which firms and income fail to correlate closely—a result which is hardly surprising. Although at least some quarrying firms are found in every State, the distributions of firms producing crude petroleum or mining coal or metal ores are obviously primarily related to the geographical distribution of the natural resources involved.

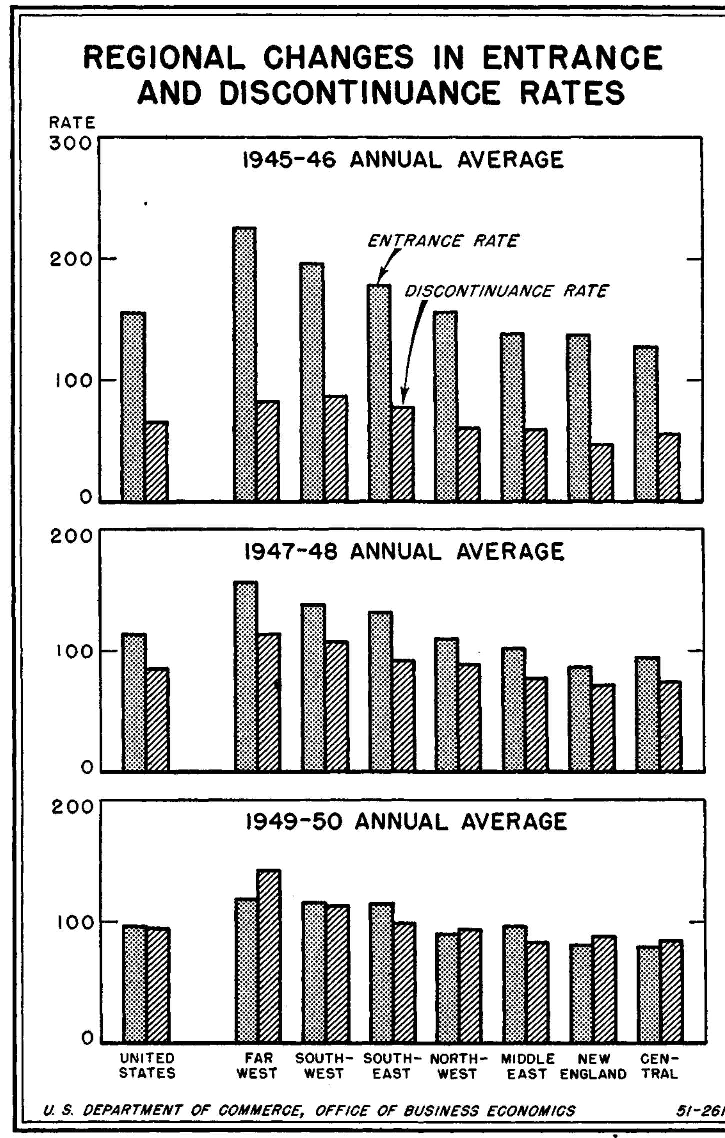
All other major industry divisions, however, are too broad to reveal clearly geographical areas of industrial specialization. For example, the financial centers in New York City and Chicago do raise the percentage of firms found in the finance, insurance and real estate group in the States of New York and Illinois, but the inclusion of firms soliciting insurance and selling real estate in this industry division preserves a fairly close relationship with income as well as with the human population.

The industrial detail provided by table 7, though still fairly broad, is somewhat more satisfactory in this respect. Thus, the concentrations of apparel manufacturers in New York and of metal working firms in the Central States are apparent. Concentrations of lumber and lumber products firms occur in New England, the Southeast and the Far West, particularly in Washington and Oregon. The State distributions of firms in the other broad manufacturing categories as well as of firms in the various lines of retail trade, on the other hand, tend to follow the over-all patterns.

Table 5.—Entrance and Discontinuance Rates: Number of New and Discontinued Firms per 1,000 Firms in Operation March 31, by States and Regions, 1945–50 [1]

State and region	Entrance rates						Discontinuance rates					
	1945	1946	1947	1948	1949 p	1950 p	1945	1946	1947	1948	1949 p	1950 p
Continental United States	**134**	**176**	**124**	**102**	**90**	**100**	**63**	**64**	**76**	**93**	**97**	**92**
New England	**108**	**166**	**95**	**77**	**73**	**87**	**50**	**43**	**62**	**80**	**91**	**83**
Connecticut	131	153	104	78	83	92	28	43	53	65	119	92
Maine	103	177	104	76	76	106	63	53	79	90	78	77
Massachusetts	93	174	87	75	68	81	63	35	63	83	82	77
New Hampshire	123	180	104	92	78	95	41	52	68	96	112	98
Rhode Island	124	138	95	80	72	85	19	59	52	72	67	86
Vermont	128	153	104	77	62	81	47	52	65	85	97	79
Middle East	**120**	**156**	**110**	**95**	**88**	**94**	**59**	**59**	**71**	**81**	**83**	**80**
Delaware	101	159	131	94	94	98	78	82	67	81	68	65
District of Columbia	81	121	89	90	83	80	66	52	74	89	73	68
Maryland	103	168	121	107	95	102	60	47	81	94	81	80
New Jersey	126	154	101	83	83	90	57	45	59	81	72	79
New York	130	161	109	95	94	102	66	69	85	84	86	85
Pennsylvania	100	143	112	92	77	79	40	45	43	71	81	71
West Virginia	147	190	154	135	98	105	72	65	72	93	112	95
Southeast	**140**	**215**	**151**	**122**	**107**	**121**	**77**	**77**	**79**	**104**	**98**	**97**
Alabama	129	219	121	126	107	106	69	64	99	115	127	105
Arkansas	155	222	161	108	94	99	97	83	70	139	114	113
Florida	216	279	197	182	159	163	91	86	109	156	79	104
Georgia	133	233	125	78	95	131	75	75	79	57	145	119
Kentucky	136	182	150	121	99	111	71	63	70	97	113	67
Louisiana	150	242	175	134	103	115	87	89	57	98	124	115
Mississippi	150	219	150	103	93	107	91	92	81	104	85	87
North Carolina	95	195	149	111	106	109	62	63	66	104	79	70
South Carolina	122	187	147	104	92	116	69	74	71	87	83	79
Tennessee	141	186	130	107	94	114	77	89	84	97	86	118
Virginia	118	187	145	131	101	118	73	74	72	80	66	90
Southwest	**179**	**213**	**156**	**120**	**107**	**123**	**82**	**90**	**101**	**113**	**119**	**107**
Arizona	204	309	257	167	125	138	87	122	84	148	166	151
New Mexico	196	302	177	151	123	137	116	122	108	129	130	157
Oklahoma	159	177	131	92	89	112	65	73	97	90	104	104
Texas	181	209	152	121	109	124	84	90	103	114	117	99
Central	**111**	**143**	**100**	**87**	**74**	**83**	**53**	**57**	**65**	**83**	**84**	**83**
Illinois	106	116	88	82	69	79	50	63	61	88	86	89
Indiana	116	154	113	89	72	82	51	63	71	89	91	95
Iowa	96	139	89	75	60	65	48	40	51	74	75	84
Michigan	125	188	113	112	91	104	65	66	74	100	84	85
Minnesota	108	141	104	74	63	74	52	45	49	86	79	76
Missouri	101	145	106	79	72	86	74	73	75	84	96	90
Ohio	118	150	104	95	83	90	47	49	68	68	81	73
Wisconsin	109	128	83	76	63	64	32	36	59	69	71	72
Northwest	**133**	**180**	**129**	**91**	**87**	**94**	**59**	**60**	**82**	**95**	**95**	**91**
Colorado	142	218	154	125	111	118	65	65	113	115	116	116
Idaho	187	255	165	112	92	128	83	71	115	130	112	149
Kansas	135	165	115	77	85	87	54	56	80	81	80	59
Montana	129	172	133	91	91	93	66	68	74	98	94	100
Nebraska	118	163	106	78	66	73	51	57	71	88	78	87
North Dakota	100	130	102	75	78	71	56	44	58	75	116	74
South Dakota	97	133	126	82	78	77	55	60	53	80	78	94
Utah	146	237	158	84	88	109	71	61	83	107	102	98
Wyoming	192	180	140	113	104	113	52	67	82	109	128	108
Far West	**210**	**243**	**178**	**134**	**113**	**124**	**81**	**83**	**102**	**127**	**153**	**132**
California	205	244	183	134	115	121	84	81	103	124	160	130
Nevada	251	309	208	163	132	132	125	121	141	176	200	182
Oregon	222	254	184	160	110	163	90	84	102	126	138	140
Washington	222	228	152	111	102	113	57	87	95	134	122	131

p—Preliminary.
[1] Based on data in table 1. All computations were made from unrounded figures.
Source: U. S. Department of Commerce, Office of Business Economics.



Differences in the industrial composition of firms within the regions are also brought out by table 2 which presents for each region the percent distribution of the business population by major industry divisions. The greatest relative variation is found in the mining and quarrying division with the proportion of such firms in the Southwest and the Northwest exceeding the national proportion by substantial amounts. The proportions of construction firms are high in New England and the Far West, while the Southwest and Northwest contain small proportions of manufacturers. The Middle East and Central States are the only regions which show higher than average proportions of finance, insurance and real estate firms. The proportions of all firms engaged in trade and in the service industries show little variation among the regions.

Recent Regional Changes in the Business Population

In the previous article on the State distribution of the business population two years ago, the percent changes in number of firms in operation from March 31, 1944, to March 31, 1949, were charted and analyzed by major industry division and by region. That period encompassed the rapid growth of the business population following the low point which had been reached during World War II. The business population as a whole increased by more than 30 percent, and with a few exceptions in the mining and quarrying division, each region showed significant increases in the number of firms in operation within each industry group; the Far West, Southwest and Southeast showed by far the greatest relative gains, with the Central States, Middle East and New England increasing less than average.

The chart on page 8 highlights the industrial and regional changes which have occurred since 1948, during a period when the business population as a whole has been characterized by relative stability. Between March 31, 1948, and March 31, 1951, the total number of firms in operation increased only 0.6 percent; three regions showed over-all increases—the Southeast, Middle East, and the Southwest in that order. The Far West, on the other hand, which had led the advance during the earlier period, now shows the largest decline.

If the 1948–51 period is considered in two parts, the first, 1948–50, comprising the time during which the business population followed changes in business activity closely, and the second, 1950–51, the period during which the 5 percent gap developed between the actual and expected number of operating businesses, the picture is much the same though a few differences emerge. The Middle East showed the second highest gains both for the over-all period and for the early part; however, after the beginning of 1950, the Middle East dropped to fourth place, the Southwest and Northwest both having slighly larger relative gains. Although the latter two regions and the Central States declined between 1948 and 1950, since the first quarter of 1950 the downward trend in all of these regions has been reversed. The Far West and New England, on the other hand, continued slightly down.

Regional changes among major industries

The regional changes which have occurred since 1948 among the major industry divisions are depicted in the chart on page 8. In five of the industry divisions—contract construction; wholesale trade; transportation, communication and other public utilities; finance, insurance and real estate; and the service industries—the number of firms in operation increased within the United States as a whole between March 31, 1948, and the end of the first quarter of 1951, but only in the first two of these were increases shown by each of the regions. The total number of firms operating in mining and quarrying, retail trade and manufacturing is currently lower than in 1948, but only in manufacturing is this true for each of the regions.

Table 6.—Number of Firms in Operation Mar. 31, by Major Industry Divisions, and by States and Regions, 1944–51

[Thousands]

State and Region	Contract construction								Manufacturing								Wholesale trade							
	1944	1945	1946	1947	1948	1949	1950p	1951p	1944	1945	1946	1947	1948	1949	1950p	1951p	1944	1945	1946	1947	1948	1949	1950p	1951p
Continental United States	**149.1**	**168.4**	**228.6**	**280.5**	**315.1**	**332.4**	**350.4**	**372.3**	**242.0**	**258.9**	**291.0**	**330.6**	**331.1**	**317.6**	**302.5**	**306.7**	**143.1**	**156.9**	**176.1**	**194.4**	**202.2**	**202.8**	**203.2**	**206.6**
New England	**14.0**	**15.1**	**19.9**	**24.7**	**26.3**	**28.0**	**28.2**	**28.4**	**22.0**	**23.0**	**25.9**	**29.5**	**29.0**	**27.7**	**26.5**	**27.1**	**9.5**	**10.2**	**10.8**	**12.0**	**12.3**	**12.1**	**12.1**	**12.5**
Connecticut	3.7	4.0	5.4	6.6	7.3	7.7	7.6	7.8	3.6	3.7	4.3	4.9	4.9	4.7	4.3	4.4	1.4	1.6	1.8	2.0	2.2	2.1	2.2	2.2
Maine	1.1	1.2	1.6	2.1	2.2	2.3	2.4	2.5	4.0	4.2	4.5	5.3	5.2	4.8	4.8	5.5	1.0	1.0	.9	1.0	1.0	.9	.9	1.0
Massachusetts	6.9	7.3	9.2	11.5	12.0	12.9	12.9	12.8	9.9	10.3	11.2	12.9	12.5	12.1	11.4	10.9	5.8	6.2	6.5	7.3	7.3	7.3	7.2	7.4
New Hampshire	.9	.9	1.3	1.7	1.8	1.8	1.9	1.9	1.6	1.7	1.9	2.2	2.2	2.1	2.0	2.2	.3	.4	.4	.4	.5	.5	.4	.4
Rhode Island	1.0	1.1	1.6	1.9	2.1	2.3	2.4	2.4	1.7	1.9	2.5	2.7	2.7	2.7	2.7	2.8	.8	.8	1.0	1.0	1.0	1.0	1.0	1.1
Vermont	.4	.5	.7	.9	1.0	1.0	1.0	1.0	1.2	1.3	1.4	1.5	1.5	1.4	1.2	1.3	.2	.2	.3	.3	.3	.3	.3	.4
Middle East	**44.1**	**46.6**	**60.5**	**71.9**	**78.1**	**83.2**	**87.8**	**92.3**	**79.8**	**83.8**	**94.6**	**104.3**	**103.1**	**99.8**	**97.7**	**97.7**	**46.8**	**50.6**	**56.2**	**62.1**	**63.7**	**62.7**	**63.4**	**64.5**
Delaware	.5	.5	.7	.8	1.0	1.1	1.2	1.2	.5	.5	.5	.5	.6	.6	.6	.6	.2	.2	.3	.3	.3	.3	.3	.4
District of Columbia	1.1	1.2	1.4	1.6	1.7	1.6	1.8	1.8	.5	.5	.6	.6	.6	.6	.6	.6	.7	.8	.8	.9	1.0	1.0	1.0	1.0
Maryland	2.6	2.7	3.6	4.6	5.0	5.3	5.6	6.0	2.8	2.9	3.1	3.4	3.4	3.4	3.3	3.2	2.1	2.1	2.3	2.5	2.5	2.5	2.6	2.6
New Jersey	8.9	9.1	12.0	13.9	14.9	15.7	16.8	17.8	10.1	10.2	11.4	12.9	13.0	12.7	12.5	12.7	4.0	4.4	4.8	5.4	5.7	5.8	5.8	6.0
New York	18.4	19.6	25.3	29.7	31.4	33.5	35.4	37.0	47.9	50.8	58.4	63.5	61.7	59.0	58.3	58.1	29.4	32.2	36.0	39.9	40.0	39.0	39.5	40.2
Pennsylvania	11.7	12.3	16.1	19.5	22.0	23.6	24.5	25.7	15.7	16.5	17.9	20.3	20.6	20.3	19.5	19.3	9.5	10.0	10.8	11.9	12.8	12.8	12.8	12.9
West Virginia	1.0	1.1	1.5	1.9	2.2	2.4	2.5	2.7	2.1	2.4	2.7	3.1	3.1	3.1	2.9	3.2	.9	1.0	1.1	1.2	1.4	1.4	1.4	1.4
Southeast	**14.6**	**17.7**	**25.3**	**33.1**	**39.4**	**41.9**	**46.6**	**51.2**	**35.9**	**40.4**	**44.8**	**53.2**	**53.5**	**51.7**	**50.1**	**52.8**	**17.2**	**19.5**	**22.9**	**26.1**	**27.7**	**28.2**	**28.7**	**29.4**
Alabama	1.0	1.2	1.7	2.2	2.4	2.5	2.8	3.1	3.8	4.0	4.3	5.3	5.2	4.9	4.5	4.9	1.4	1.6	1.9	2.2	2.2	2.3	2.3	2.3
Arkansas	.6	.8	1.2	1.6	1.9	1.9	2.1	2.2	2.0	2.3	2.8	3.7	3.5	3.3	3.1	3.3	.9	1.0	1.2	1.4	1.5	1.6	1.6	1.6
Florida	2.2	3.0	4.5	6.2	7.6	7.9	9.3	10.4	2.8	3.6	4.2	4.9	5.1	5.1	5.4	5.6	2.0	2.5	3.0	3.5	3.8	3.8	4.1	4.2
Georgia	1.4	1.6	2.4	3.2	3.5	3.7	3.9	4.4	4.5	5.1	5.8	6.8	6.9	6.6	6.0	6.5	2.0	2.3	2.7	3.1	3.3	3.2	3.2	3.3
Kentucky	1.4	1.6	2.3	2.8	3.4	3.9	4.2	4.8	2.5	2.6	2.8	3.3	3.3	3.2	2.9	3.1	1.6	1.7	1.9	2.1	2.2	2.4	2.4	2.4
Louisiana	1.1	1.5	2.2	2.8	3.5	3.6	3.9	3.9	2.4	2.6	3.1	3.5	3.9	3.9	3.6	3.4	1.6	1.8	2.1	2.4	2.6	2.7	2.8	2.8
Mississippi	.5	.7	1.0	1.4	1.6	1.7	2.0	2.1	2.5	3.0	3.2	3.9	3.9	3.4	3.2	3.4	.9	1.0	1.2	1.3	1.5	1.5	1.5	1.6
North Carolina	1.7	2.0	2.7	3.7	4.4	4.7	5.3	5.8	5.8	6.3	6.9	8.2	8.1	7.6	7.8	8.3	2.2	2.4	2.8	3.3	3.4	3.4	3.6	3.6
South Carolina	.8	.9	1.2	1.6	1.9	2.2	2.4	2.8	2.1	2.5	2.6	3.0	3.2	3.1	3.2	3.7	.9	1.1	1.3	1.4	1.5	1.5	1.6	1.7
Tennessee	1.5	1.8	2.4	3.0	3.6	3.7	4.2	4.8	3.3	3.8	4.3	5.0	4.9	4.8	4.7	4.7	1.9	2.1	2.4	2.7	2.9	2.9	2.9	3.0
Virginia	2.5	2.8	3.7	4.7	5.6	6.1	6.5	7.0	4.3	4.7	4.9	5.7	5.6	5.8	5.6	5.9	1.8	2.1	2.2	2.5	2.7	2.8	2.8	2.9
Southwest	**7.7**	**11.4**	**16.4**	**20.7**	**24.0**	**24.9**	**27.3**	**30.8**	**8.9**	**10.2**	**11.8**	**13.9**	**14.0**	**13.4**	**12.4**	**12.2**	**8.4**	**10.0**	**11.8**	**13.1**	**14.0**	**14.2**	**14.2**	**14.5**
Arizona	.3	.8	1.4	1.9	2.4	2.3	2.2	2.2	.3	.5	.6	.7	.8	.8	.7	.7	.4	.5	.6	.7	.8	.8	.9	.9
New Mexico	.4	.6	.8	1.2	1.3	1.4	1.6	1.7	.4	.5	.6	.7	.7	.6	.6	.6	.3	.4	.5	.6	.6	.6	.6	.6
Oklahoma	1.4	1.9	2.6	3.2	3.7	3.7	4.4	4.9	1.7	1.8	2.0	2.3	2.2	2.3	2.2	2.1	1.8	2.0	2.3	2.5	2.6	2.7	2.7	2.7
Texas	5.6	8.2	11.5	14.4	16.7	17.5	19.2	22.0	6.4	7.4	8.5	10.3	10.2	9.8	9.0	8.9	5.9	7.2	8.4	9.3	9.9	10.1	10.1	10.3
Central	**47.2**	**50.4**	**66.7**	**77.0**	**86.6**	**90.7**	**94.9**	**100.9**	**64.7**	**67.5**	**74.3**	**81.8**	**80.9**	**77.7**	**73.2**	**73.2**	**40.7**	**43.4**	**47.5**	**50.8**	**52.7**	**53.1**	**53.0**	**53.7**
Illinois	12.2	12.8	15.7	17.1	19.1	19.9	20.1	21.2	16.4	17.0	18.7	20.4	20.5	19.8	18.2	17.8	11.0	11.8	13.0	13.7	14.3	14.1	14.0	14.2
Indiana	3.7	4.2	5.7	6.7	7.8	8.5	8.6	8.9	4.9	5.2	5.9	6.6	6.5	6.3	6.0	5.8	3.2	3.4	3.7	3.9	4.1	4.2	4.1	4.1
Iowa	3.1	3.2	4.2	5.1	5.9	6.1	6.5	6.9	3.3	3.3	3.5	3.6	3.7	3.4	3.2	3.1	3.2	3.3	3.5	3.7	3.8	3.8	3.7	3.8
Michigan	7.7	7.6	10.6	12.5	14.2	14.3	15.4	16.8	10.4	10.6	11.8	13.4	13.3	12.7	12.1	12.4	5.3	5.5	6.2	6.7	7.0	7.2	7.2	7.4
Minnesota	3.0	3.5	4.6	5.7	6.6	7.1	7.6	8.0	5.2	5.5	6.0	6.5	6.5	6.1	5.7	5.9	3.2	3.4	3.7	4.1	4.3	4.3	4.3	4.3
Missouri	4.1	4.5	5.8	6.8	7.3	7.7	7.9	8.6	6.0	6.2	6.9	7.5	7.3	7.0	6.5	6.6	4.8	5.1	5.4	5.8	6.0	6.0	6.0	6.1
Ohio	8.6	9.5	13.3	15.0	17.0	18.0	19.3	20.6	11.6	12.1	13.0	14.9	14.4	14.3	13.8	13.8	6.9	7.4	8.2	8.9	9.2	9.4	9.5	9.6
Wisconsin	4.7	5.1	6.8	8.1	8.9	9.1	9.4	10.0	7.1	7.5	8.5	8.8	8.7	8.1	7.8	7.8	3.1	3.4	3.7	4.0	4.1	4.2	4.2	4.2
Northwest	**6.7**	**7.7**	**11.2**	**14.5**	**16.7**	**17.5**	**19.3**	**21.5**	**7.9**	**8.3**	**9.4**	**10.7**	**10.9**	**10.1**	**9.5**	**9.5**	**8.9**	**9.4**	**10.2**	**11.0**	**11.4**	**11.6**	**11.5**	**11.5**
Colorado	1.3	1.4	2.1	2.9	3.2	3.4	3.7	4.2	1.4	1.5	1.8	2.1	2.2	2.1	1.9	1.8	1.2	1.4	1.6	1.8	2.0	2.0	2.0	2.0
Idaho	.2	.4	.8	1.1	1.3	1.3	1.4	1.5	.6	.7	.9	1.0	1.1	.9	.8	.9	.4	.4	.5	.6	.7	.7	.7	.7
Kansas	1.6	1.8	2.5	3.2	3.7	3.9	4.5	5.3	1.8	1.9	2.2	2.4	2.4	2.3	2.1	2.3	2.3	2.3	2.5	2.7	2.7	2.8	2.8	2.8
Montana	.5	.6	.8	1.1	1.3	1.3	1.5	1.6	.7	.8	.9	1.1	1.2	1.0	.9	1.0	.6	.6	.7	.7	.8	.8	.8	.8
Nebraska	1.4	1.4	2.0	2.5	3.0	3.0	3.2	3.5	1.3	1.4	1.5	1.6	1.6	1.5	1.5	1.4	1.8	1.9	2.0	2.1	2.1	2.1	2.1	2.1
North Dakota	.3	.4	.5	.7	.8	.9	.9	1.0	.4	.4	.4	.5	.5	.4	.4	.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
South Dakota	.5	.6	.8	1.0	1.2	1.4	1.6	1.6	.6	.6	.7	.7	.7	.7	.6	.6	.8	.9	.9	.9	1.0	1.0	1.0	1.0
Utah	.7	.7	1.0	1.4	1.5	1.5	1.6	1.8	.6	.6	.7	.9	.8	.8	.8	.8	.5	.5	.6	.7	.8	.8	.8	.8
Wyoming	.3	.3	.5	.6	.7	.8	.9	1.0	.3	.3	.3	.4	.4	.4	.3	.3	.2	.2	.2	.3	.3	.3	.3	.3
Far West	**14.9**	**19.5**	**28.5**	**38.8**	**43.9**	**46.2**	**46.4**	**47.1**	**22.8**	**25.7**	**30.2**	**37.2**	**39.7**	**37.1**	**33.1**	**34.3**	**11.5**	**13.8**	**16.7**	**19.2**	**20.5**	**20.8**	**20.2**	**20.5**
California	11.4	14.5	20.9	28.6	33.1	35.2	34.9	35.1	14.8	16.8	19.7	23.3	24.6	23.6	20.7	20.6	8.6	10.4	12.6	14.4	15.3	15.5	15.0	15.3
Nevada	.2	.3	.4	.6	.6	.6	.6	.6	.1	.1	.2	.2	.2	.2	.2	.1	.1	.1	.2	.2	.2	.2	.2	.2
Oregon	1.3	1.7	2.8	3.8	4.3	4.5	4.6	5.0	4.0	4.3	5.0	7.0	7.7	7.1	6.5	7.5	1.1	1.2	1.5	1.8	2.0	2.1	2.1	2.1
Washington	2.0	2.9	4.4	5.7	5.9	5.8	6.2	6.5	4.0	4.4	5.4	6.8	7.2	6.2	5.7	6.0	1.7	2.0	2.5	2.8	3.0	3.0	2.9	3.0

Table 6.—Number of Firms in Operation Mar. 31, by Major Industry Divisions, and by States and Regions, 1944–51—Continued

[Thousands]

State and Region	Retail Trade								Service Industries								All other industries [1]							
	1944	1945	1946	1947	1948	1949	1950p	1951p	1944	1945	1946	1947	1948	1949	1950p	1951p	1944	1945	1946	1947	1948	1949	1950p	1951p
Continental United States	**1,379.8**	**1,443.8**	**1,540.6**	**1,656.6**	**1,709.9**	**1,696.9**	**1,685.9**	**1,676.8**	**647.6**	**698.8**	**755.8**	**821.5**	**856.5**	**853.9**	**854.4**	**857.2**	**460.6**	**492.3**	**523.8**	**556.1**	**568.6**	**569.4**	**572.0**	**587.9**
New England	**100.0**	**103.4**	**108.4**	**117.2**	**118.4**	**115.7**	**115.6**	**114.6**	**44.7**	**46.3**	**49.8**	**56.0**	**56.5**	**55.1**	**54.5**	**54.0**	**27.1**	**28.5**	**30.6**	**33.4**	**33.5**	**33.5**	**32.9**	**33.0**
Connecticut	22.0	22.6	24.7	26.3	27.2	26.6	26.1	26.0	9.3	9.8	11.2	12.4	13.1	12.6	12.6	12.6	5.6	5.8	6.3	6.5	6.7	6.6	6.3	6.4
Maine	10.8	11.0	11.4	12.3	12.1	12.0	12.0	12.2	4.4	4.5	4.9	5.5	5.3	5.2	5.2	5.3	2.3	2.7	3.2	3.3	3.5	3.6	3.6	3.8
Massachusetts	48.4	50.6	51.5	57.1	56.8	55.3	55.6	54.6	22.8	23.6	24.4	28.2	27.9	27.4	27.0	26.6	14.5	15.1	15.9	17.9	17.6	17.6	17.4	17.2
New Hampshire	6.4	6.4	6.9	7.4	7.5	7.4	7.3	7.3	2.8	2.9	3.2	3.6	3.5	3.5	3.3	3.3	1.7	1.9	2.0	2.2	2.1	2.1	2.0	2.0
Rhode Island	8.5	8.9	9.4	9.6	9.9	9.8	9.9	9.8	3.4	3.5	3.9	4.1	4.3	4.2	4.2	4.1	1.7	1.9	2.0	2.2	2.2	2.2	2.3	2.[illegible]
Vermont	3.9	4.0	4.4	4.6	4.8	4.7	4.6	4.7	2.0	2.0	2.2	2.2	2.3	2.2	2.1	2.1	1.1	1.2	1.3	1.4	1.4	1.4	1.3	1.4
Middle East	**338.1**	**349.0**	**371.6**	**398.2**	**411.4**	**409.7**	**417.0**	**418.9**	**164.9**	**173.2**	**185.2**	**199.4**	**210.0**	**211.4**	**217.7**	**218.0**	**157.8**	**163.5**	**171.2**	**179.1**	**181.6**	**182.8**	**184.9**	**188.0**
Delaware	3.6	3.6	3.8	3.8	4.1	4.0	4.2	4.3	1.5	1.5	1.4	1.7	1.8	1.7	1.8	1.8	1.4	1.5	1.6	1.6	1.6	1.6	1.6	1.7
District of Columbia	7.4	7.5	7.7	8.1	8.2	8.1	8.0	8.0	6.5	6.8	6.8	7.0	6.8	7.0	7.0	7.1	4.2	4.4	4.4	4.7	4.7	4.8	5.0	5.1
Maryland	18.5	19.0	20.1	21.3	22.2	22.4	22.7	22.9	8.9	9.3	9.9	10.8	11.0	10.8	10.9	11.0	5.6	5.8	6.2	6.9	7.0	7.1	7.4	7.8
New Jersey	53.4	54.1	58.0	62.2	64.3	63.4	64.3	63.7	22.1	22.8	24.9	27.3	28.4	28.2	28.5	28.4	18.2	18.9	20.0	21.0	21.4	21.2	21.5	22.1
New York	155.3	161.0	172.0	184.2	187.8	188.6	194.0	196.8	82.0	86.3	91.9	98.1	102.2	104.1	108.5	110.0	92.9	95.3	99.9	103.7	103.6	103.7	104.7	105.3
Pennsylvania	87.5	90.3	95.7	103.0	107.7	106.3	107.0	106.5	38.3	40.2	43.6	47.6	52.1	51.9	52.4	52.1	30.2	31.5	32.6	34.1	35.4	36.2	36.6	37.5
West Virginia	12.6	13.4	14.2	15.6	17.0	17.0	16.8	16.8	5.7	6.2	6.6	7.1	7.7	7.6	7.6	7.7	5.2	6.3	6.6	7.1	8.0	8.1	8.2	8.4
Southeast	**207.9**	**222.2**	**233.6**	**257.6**	**270.5**	**272.1**	**273.7**	**275.4**	**99.7**	**109.8**	**115.9**	**128.2**	**135.3**	**136.9**	**137.9**	**139.1**	**47.3**	**53.1**	**57.9**	**64.1**	**67.6**	**68.2**	**70.5**	**74.8**
Alabama	18.2	19.1	20.0	22.4	22.6	22.6	21.9	22.1	8.5	9.4	9.7	11.2	11.2	11.2	10.8	11.0	4.1	4.5	5.0	5.5	5.7	5.8	5.8	6.1
Arkansas	14.1	15.0	15.8	17.3	17.8	17.1	16.5	16.2	6.1	6.8	7.1	7.8	8.1	7.9	7.7	7.5	2.5	2.9	3.1	3.5	3.5	3.6	3.6	3.6
Florida	22.4	24.8	27.8	31.3	33.2	34.0	36.4	37.0	12.9	14.4	16.4	18.7	20.3	21.1	22.3	22.8	5.8	6.8	7.7	8.8	9.3	9.6	10.4	11.3
Georgia	22.2	23.9	24.6	27.9	28.6	28.0	27.4	27.6	11.0	12.3	12.8	14.2	14.5	14.5	14.1	14.0	4.6	5.0	5.5	6.1	6.3	6.2	6.3	6.8
Kentucky	18.3	19.1	20.4	22.2	23.6	24.0	23.7	24.3	8.7	9.3	9.9	10.9	11.3	11.5	11.2	11.7	5.4	6.1	6.5	7.4	8.4	8.1	7.9	8.3
Louisiana	17.5	19.2	20.1	21.7	23.9	24.5	24.3	23.9	7.2	8.1	8.7	9.8	10.9	11.0	11.1	11.1	3.8	4.5	5.0	5.7	6.2	6.1	6.2	6.7
Mississippi	12.8	13.6	14.5	15.3	16.2	16.0	16.2	16.3	4.8	5.4	5.8	6.2	6.6	6.7	6.8	6.8	1.8	2.1	2.4	2.6	2.6	2.6	2.7	2.9
North Carolina	23.9	25.5	25.5	28.9	30.7	30.5	31.5	31.9	12.5	13.6	14.0	15.9	16.9	17.0	17.4	17.5	4.8	5.3	5.7	6.6	6.7	6.8	7.3	7.6
South Carolina	13.9	14.7	15.3	16.7	17.6	17.4	17.5	18.0	5.8	6.3	6.7	7.1	7.6	7.6	7.7	7.9	2.4	2.6	2.8	3.1	3.2	3.3	3.4	3.7
Tennessee	22.9	24.4	25.1	27.1	28.0	28.0	27.8	27.5	10.5	11.7	12.1	12.9	13.4	13.4	13.6	13.5	5.1	5.8	6.1	6.3	6.5	6.5	6.8	7.2
Virginia	21.7	23.0	24.5	26.6	28.2	30.0	30.5	30.8	11.6	12.5	12.7	13.5	14.3	15.1	15.3	15.4	6.8	7.4	7.9	8.4	9.1	9.6	10.0	10.5
Southwest	**96.5**	**106.4**	**114.9**	**123.2**	**128.3**	**126.9**	**125.0**	**124.6**	**52.8**	**61.3**	**66.3**	**71.3**	**75.1**	**74.1**	**72.7**	**72.7**	**25.8**	**30.5**	**33.7**	**35.9**	**37.3**	**37.6**	**38.4**	**40.1**
Arizona	5.6	5.9	6.4	7.4	8.3	8.3	8.0	7.9	3.4	3.7	4.1	4.8	5.6	5.4	5.3	5.2	1.2	1.4	1.6	1.8	2.0	1.9	1.9	2.0
New Mexico	5.1	5.5	6.1	6.7	7.0	7.1	7.0	6.8	3.0	3.1	3.6	4.0	4.3	4.4	4.2	4.1	1.2	1.4	1.5	1.7	1.8	1.9	2.0	2.0
Oklahoma	18.4	20.0	22.1	23.4	23.9	23.5	22.9	22.6	9.9	11.1	12.1	12.9	13.4	13.2	12.7	12.7	6.4	6.8	7.4	7.8	7.9	7.9	8.0	8.4
Texas	67.4	75.0	80.3	85.8	89.0	87.9	87.1	87.3	36.5	43.4	46.5	49.6	51.8	51.1	50.5	50.7	17.1	20.9	23.2	24.6	25.7	25.8	26.6	27.8
Central	**423.9**	**436.5**	**461.8**	**485.2**	**495.5**	**489.4**	**480.9**	**476.1**	**177.8**	**187.4**	**202.3**	**216.3**	**223.3**	**222.1**	**221.4**	**223.2**	**139.5**	**146.2**	**153.9**	**160.4**	**163.6**	**162.5**	**161.5**	**165.1**
Illinois	97.4	100.9	106.7	108.7	111.7	109.0	106.2	105.5	44.9	47.0	49.9	51.2	53.7	52.5	51.5	52.2	53.6	54.4	56.2	56.6	57.5	56.5	55.4	55.6
Indiana	41.1	43.0	45.0	47.3	48.6	48.1	46.9	45.8	16.0	17.3	18.6	19.7	20.4	20.1	19.7	19.3	10.2	10.9	11.7	12.4	12.4	12.4	12.4	12.7
Iowa	31.2	32.1	34.3	36.7	37.8	37.2	36.2	35.2	11.8	12.3	13.5	14.6	14.8	14.6	14.2	14.2	9.0	9.8	10.5	11.2	11.4	11.3	11.2	11.4
Michigan	63.8	64.0	69.1	74.2	75.3	74.5	74.5	75.0	26.0	26.7	29.4	32.4	33.5	34.2	35.1	36.0	13.1	13.5	15.0	16.2	17.0	16.8	17.0	17.9
Minnesota	32.3	32.9	34.4	36.4	37.5	36.7	36.0	35.3	12.6	13.3	14.3	15.8	16.1	15.5	15.2	15.2	8.7	9.5	9.9	10.5	10.8	10.8	10.7	10.8
Missouri	43.5	45.2	46.4	47.7	48.9	48.3	46.5	46.4	20.9	21.9	22.8	23.8	23.8	23.4	22.7	23.0	15.2	16.0	16.3	16.8	17.1	16.9	16.6	17.2
Ohio	75.9	78.7	83.1	88.7	90.4	90.9	90.7	89.9	30.8	33.7	36.7	40.4	42.2	42.9	43.8	44.2	20.1	21.4	22.8	24.4	25.0	25.4	26.1	27.1
Wisconsin	38.6	39.6	42.8	45.4	45.4	44.8	43.9	43.1	14.8	15.4	17.1	18.2	18.8	19.0	19.1	19.1	9.6	10.6	11.6	12.2	12.4	12.4	12.3	12.3
Northwest	**83.9**	**86.6**	**94.4**	**101.2**	**103.7**	**101.7**	**99.9**	**99.1**	**37.9**	**39.7**	**44.5**	**48.7**	**50.3**	**48.9**	**48.1**	**47.9**	**25.2**	**27.0**	**28.9**	**30.9**	**31.6**	**31.3**	**31.3**	**32.5**
Colorado	12.0	12.4	13.8	15.0	15.3	15.2	14.9	14.7	6.9	7.1	8.0	8.7	9.2	9.1	9.0	8.9	4.4	4.8	5.1	5.5	5.7	5.6	5.6	5.8
Idaho	5.4	5.5	6.2	6.9	7.0	7.0	6.7	6.5	2.5	2.7	3.1	3.6	3.4	3.4	3.3	3.2	1.5	1.6	1.7	2.0	2.0	2.0	1.9	2.0
Kansas	22.0	23.2	25.2	26.5	27.0	26.3	26.5	26.9	9.1	9.8	11.3	12.3	12.6	12.1	12.0	12.1	6.6	7.0	7.7	8.2	8.5	8.5	8.7	9.2
Montana	7.0	7.3	7.8	8.4	8.7	8.5	8.4	8.2	3.3	3.4	3.7	3.9	4.0	4.1	4.1	4.1	2.4	2.5	2.5	2.6	2.6	2.6	2.6	2.6
Nebraska	15.8	16.0	17.5	18.6	18.7	18.3	17.8	17.5	6.4	6.6	7.2	7.9	8.1	7.8	7.6	7.6	4.3	4.6	5.0	5.4	5.4	5.3	5.2	5.4
North Dakota	6.4	6.6	6.8	7.3	7.6	7.6	7.2	7.0	2.5	2.7	2.8	3.2	3.2	3.1	3.0	2.9	1.6	1.7	1.8	1.9	1.9	1.8	1.8	1.8
South Dakota	7.5	7.7	8.0	8.4	8.8	8.7	8.6	8.3	3.0	3.2	3.4	3.7	3.9	3.8	3.7	3.6	1.8	2.0	2.1	2.2	2.3	2.3	2.3	2.4
Utah	5.0	5.0	5.6	6.5	6.7	6.4	6.3	6.4	2.6	2.7	3.1	3.5	3.7	3.4	3.4	3.4	1.7	1.7	1.8	1.9	2.0	1.9	1.9	2.1
Wyoming	2.8	2.9	3.4	3.7	3.8	3.7	3.5	3.5	1.6	1.6	1.9	2.0	2.2	2.1	2.1	2.1	.9	1.1	1.2	1.3	1.3	1.3	1.3	1.4
Far West	**129.4**	**139.7**	**156.0**	**174.0**	**182.0**	**181.3**	**173.8**	**168.1**	**69.7**	**81.0**	**91.8**	**101.6**	**106.1**	**105.5**	**103.1**	**102.2**	**37.9**	**43.6**	**47.5**	**52.3**	**53.5**	**53.4**	**52.4**	**54.3**
California	93.1	101.5	112.4	126.9	132.7	131.9	126.5	122.8	52.0	60.8	68.3	76.2	79.9	79.6	77.9	77.6	26.8	31.3	34.2	37.5	38.0	37.8	36.8	38.1
Nevada	1.7	1.7	2.0	2.3	2.4	2.3	2.1	2.1	1.2	1.3	1.5	1.6	1.7	1.7	1.6	1.6	.6	.6	.6	.7	.7	.7	.7	.7
Oregon	14.3	14.7	16.4	17.6	19.1	19.6	18.9	18.2	6.9	7.5	8.8	9.6	10.1	10.2	9.9	9.7	4.2	4.6	5.0	5.8	6.4	6.6	6.5	6.9
Washington	20.3	21.8	25.1	27.2	28.0	27.6	26.2	25.0	9.6	11.4	13.2	14.2	14.4	14.0	13.7	13.3	6.4	7.0	7.7	8.3	8.4	8.4	8.5	8.6

[1] Includes mining and quarrying, transportation, communication and other public utilities, and finance, insurance and real estate. p—Preliminary.

NOTE.—Detail will not necesarily add to totals because of rounding. Source: U. S. Department of Commerce, Office of Business Economics.

The Southeast has shown the largest gains, or in the case of manufacturing the smallest decline, in each major industry division except in the service industries where it takes second place to the Middle East and in the mining and quarrying division where the Southeast underwent the second largest decline.

The Far West increased less than any other region in the construction and wholesale trade divisions; modest gains were also made in the transportation and finance divisions, but in each of the remaining four divisions the number of firms in operation declined during this period. Although most of the decline in the Far West occurred before the end of the first quarter of 1950, this region has continued to edge down slightly; however, in both the manufacturing and transportation divisions increases occurred in the Far West since early 1950 second among the regions only to those in the Southeast.

The percent changes in number of firms in operation between March 31, 1948, and March 31, 1951, are shown by State and industry in table 4. During this period the greatest relative increase in number of firms in operation occurred in Florida and the greatest decline in Nevada. Although the relative changes found by States are, of course, more variable that those found by regions, in general the States tend to follow the patterns observed for the regions in which they are contained. It should be noted that State estimates of the business population are most reliable in the larger States and industry divisions; this fact should be borne in mind when interpreting the relative changes for the less populous States particularly within the smaller industry divisions.

Comparison with prewar

Since 1944 is the earliest year for which State estimates on the total number of firms are available, no comparisons can be made between current regional and industrial patterns and those of the business population before World War II. However, for four major industry divisions—manufacturing, wholesale and retail trade and the service industries—information is available on the number of establishments or

Table 7.—Number of Firms in Operation March 31, by Selected Major and Minor Industries, and by States and Regions, 1949

[Thousands]

State and Region	Mining and quarrying	Manufacturing: Total	Manufacturing: Food	Manufacturing: Textiles, apparel, and leather	Manufacturing: Lumber and lumber products	Manufacturing: Printing and publishing	Manufacturing: Metals and metal products	Manufacturing: Other manufacturing	Transportation, communication, and other public utilities	Retail Trade: Total	Retail Trade: General merchandise	Retail Trade: Food and liquor	Retail Trade: Apparel and accessories	Retail Trade: Automotive	Retail Trade: Eating and drinking places	Retail Trade: Filling stations	Retail Trade: Other retail trade	Finance, insurance, and real estate
Continental United States	**35.0**	**317.6**	**32.5**	**48.8**	**80.7**	**46.3**	**57.8**	**51.4**	**189.2**	**1,696.9**	**79.7**	**479.7**	**97.7**	**79.8**	**321.8**	**226.8**	**411.5**	**345.1**
New England	**.3**	**27.7**	**1.8**	**4.9**	**7.8**	**3.0**	**5.4**	**4.7**	**14.1**	**115.7**	**5.5**	**35.8**	**8.2**	**4.8**	**18.2**	**14.3**	**28.9**	**19.2**
Connecticut	.1	4.7	.3	.7	.5	.6	1.8	.9	2.3	26.6	.9	7.9	2.0	1.3	4.8	3.4	6.3	4.3
Maine	(1)	4.8	.2	.2	3.7	.2	.3	.2	2.1	12.0	.9	4.0	.7	.6	1.3	1.6	2.9	1.5
Massachusetts	.1	12.1	1.0	3.2	1.4	1.8	2.6	2.2	6.9	55.3	2.2	17.5	4.2	2.0	8.7	6.5	14.1	10.5
New Hampshire	(1)	2.1	.1	.3	1.3	.2	.2	.2	1.1	7.4	.5	2.2	.5	.3	.9	1.0	1.9	1.0
Rhode Island	(1)	2.7	.2	.6	.1	.2	.6	1.0	.9	9.8	.4	2.9	.6	.4	2.0	1.2	2.3	1.4
Vermont	(1)	1.4	.1	.1	.8	.1	.1	.2	.8	4.7	.5	1.3	.3	.2	.5	.6	1.3	.5
Middle East	**10.4**	**99.8**	**6.7**	**31.6**	**12.5**	**13.5**	**16.4**	**19.1**	**50.7**	**409.7**	**14.4**	**130.4**	**32.9**	**14.6**	**80.8**	**40.3**	**96.5**	**121.7**
Delaware	(1)	.6	.1	.1	.1	.1	.1	.1	.4	4.0	.2	1.1	.3	.2	.7	.6	1.1	1.1
District of Columbia	(1)	.6	.1	(1)	(1)	.3	.1	.1	.6	8.1	.2	3.0	.7	.2	1.4	.7	1.9	4.2
Maryland	.2	3.4	.5	.5	.7	.6	.6	.6	3.1	22.4	1.1	7.1	1.3	.9	4.6	2.7	4.9	3.9
New Jersey	.1	12.7	.8	3.8	.9	1.4	3.1	2.7	7.3	63.4	1.9	19.1	4.6	2.2	13.6	7.7	14.2	13.9
New York	.9	59.0	2.8	23.1	4.8	8.1	8.4	11.8	23.3	188.6	5.7	64.2	17.4	5.4	36.4	14.3	45.1	79.4
Pennsylvania	6.1	20.3	2.2	4.0	4.0	2.7	3.9	3.5	13.2	106.3	3.9	31.1	7.6	4.7	21.0	12.0	25.9	16.9
West Virginia	2.9	3.1	.3	(1)	2.0	.3	.2	.3	2.7	17.0	1.5	4.8	.9	1.0	3.1	2.3	3.4	2.4
Southeast	**5.1**	**51.7**	**5.8**	**3.5**	**28.9**	**5.1**	**3.4**	**4.9**	**26.0**	**272.1**	**22.5**	**77.0**	**12.6**	**15.2**	**40.4**	**40.0**	**64.3**	**37.2**
Alabama	.6	4.9	.4	.2	3.2	.4	.3	.3	2.2	22.6	2.5	6.6	1.0	1.3	2.6	3.2	5.4	3.0
Arkansas	.3	3.3	.4	(1)	2.3	.3	.1	.2	1.4	17.1	1.9	4.7	.6	1.1	2.4	2.4	3.9	1.9
Florida	.1	5.1	.6	.2	2.1	.7	.6	.9	2.8	34.0	1.4	8.4	2.0	1.7	7.1	5.0	8.4	6.7
Georgia	.1	6.6	.7	.6	3.7	.6	.4	.6	2.3	28.0	2.3	8.3	1.3	1.7	3.2	4.4	6.9	3.8
Kentucky	2.0	3.2	.5	.1	1.4	.5	.3	.4	2.9	24.0	1.9	7.0	1.1	1.2	4.3	3.0	5.5	3.2
Louisiana	.6	3.9	.7	.1	1.9	.4	.4	.4	2.5	24.5	1.9	7.2	1.0	1.2	4.8	3.1	5.4	3.0
Mississippi	.1	3.4	.3	.1	2.4	.3	.1	.2	1.2	16.0	2.1	4.1	.6	1.0	1.9	2.5	3.7	1.4
North Carolina	.1	7.6	.7	1.2	4.1	.6	.4	.6	3.2	30.5	2.3	8.4	1.6	1.9	3.5	5.2	7.7	3.6
South Carolina	(1)	3.1	.3	.3	1.9	.2	.1	.3	1.4	17.4	1.5	5.4	.8	1.1	1.7	2.8	4.1	1.9
Tennessee	.4	4.8	.6	.4	2.3	.6	.4	.6	2.3	28.0	2.2	8.3	1.2	1.6	4.2	3.8	6.7	3.8
Virginia	.7	5.8	.6	.2	3.6	.6	.3	.5	3.9	30.0	2.5	8.5	1.5	1.5	4.3	5.0	6.7	5.0
Southwest	**7.6**	**13.4**	**2.5**	**.7**	**3.4**	**2.9**	**2.0**	**2.0**	**12.0**	**126.9**	**7.1**	**32.2**	**4.8**	**8.4**	**22.8**	**21.2**	**30.4**	**18.0**
Arizona	.2	.8	.2	(1)	.2	.2	.1	.2	.6	8.3	.5	1.9	.3	.5	2.0	1.3	1.8	1.1
New Mexico	.3	.6	.1	(1)	.2	.1	(1)	.1	.7	7.1	.6	1.6	.3	.4	1.5	1.2	1.6	.8
Oklahoma	2.2	2.3	.5	.1	.4	.6	.4	.3	2.2	23.5	1.4	5.5	1.0	1.8	4.0	3.7	6.2	3.5
Texas	4.9	9.8	1.7	.6	2.6	2.0	1.4	1.5	8.3	87.9	4.7	23.2	3.2	5.8	15.2	15.0	20.8	12.6
Central	**5.8**	**77.7**	**10.0**	**4.9**	**13.4**	**14.0**	**21.7**	**13.8**	**54.4**	**489.4**	**19.2**	**133.9**	**24.7**	**22.9**	**101.9**	**67.5**	**119.3**	**102.2**
Illinois	1.4	19.8	2.0	2.0	2.1	3.9	6.0	3.9	12.8	109.0	3.4	31.0	6.8	4.4	25.6	12.8	25.0	42.4
Indiana	.6	6.3	.9	.2	1.2	1.1	1.7	1.2	4.9	48.1	1.8	13.4	2.1	2.4	8.7	7.5	12.2	6.9
Iowa	.4	3.4	.8	.1	.4	1.0	.6	.5	5.8	37.2	1.8	8.3	1.6	1.9	6.8	5.9	10.9	5.2
Michigan	.4	12.7	1.1	.4	3.0	1.7	4.6	1.9	6.4	74.5	2.5	20.0	3.7	3.6	15.3	12.3	17.1	10.0
Minnesota	.2	6.1	1.1	.3	1.6	1.2	1.0	.9	4.8	36.7	2.1	9.8	1.7	1.6	6.8	5.2	9.5	5.8
Missouri	.6	7.0	.9	.8	1.3	1.5	1.3	1.2	5.4	48.3	2.7	12.6	2.3	2.5	9.6	6.7	11.9	10.9
Ohio	2.1	14.3	1.5	.8	1.9	2.4	4.7	3.0	9.1	90.9	2.9	27.7	4.2	4.4	18.3	11.6	21.8	14.2
Wisconsin	.2	8.1	1.7	.4	1.9	1.2	1.8	1.2	5.3	44.8	1.9	11.3	2.2	1.9	11.0	5.6	10.8	6.9
Northwest	**3.5**	**10.1**	**2.2**	**.3**	**2.1**	**2.8**	**1.3**	**1.3**	**12.4**	**101.7**	**5.1**	**23.1**	**4.2**	**6.1**	**18.9**	**16.0**	**28.3**	**15.5**
Colorado	.7	2.1	.3	.1	.4	.5	.4	.4	1.7	15.2	.6	3.7	.7	.9	2.6	2.3	4.3	3.2
Idaho	.2	.9	.2	(1)	.4	.2	.1	.1	1.0	7.0	.4	1.6	.2	.4	1.3	1.0	2.0	.8
Kansas	1.4	2.3	.5	.1	.2	.8	.4	.3	3.4	26.3	1.1	5.9	1.1	1.8	4.4	4.4	7.5	3.7
Montana	.5	1.0	.2	(1)	.5	.2	.1	.1	.9	8.5	.4	1.8	.4	.4	2.3	1.2	2.0	1.2
Nebraska	.1	1.5	.4	(1)	.1	.6	.2	.2	2.3	18.3	.8	4.3	.7	1.1	3.4	2.8	5.2	2.9
North Dakota	.1	.4	.1	(1)	(1)	.2	(1)	(1)	.8	7.6	.6	1.7	.3	.4	1.4	1.0	2.2	.9
South Dakota	(1)	.7	.2	(1)	.1	.3	(1)	.1	1.2	8.7	.6	1.8	.3	.5	1.5	1.4	2.6	1.1
Utah	.3	.8	.2	(1)	.1	.2	.1	.1	.5	6.4	.3	1.5	.3	.3	1.1	1.2	1.6	1.1
Wyoming	.2	.4	.1	(1)	.1	.1	(1)	.1	.6	3.7	.2	.8	.2	.2	.8	.6	.9	.5
Far West	**2.4**	**37.1**	**3.4**	**2.9**	**12.7**	**5.0**	**7.6**	**5.6**	**19.8**	**181.3**	**5.9**	**47.2**	**10.4**	**7.9**	**39.2**	**27.0**	**43.7**	**31.3**
California	1.9	23.6	2.3	2.6	4.2	3.7	6.2	4.6	12.6	131.9	4.0	34.8	8.1	5.6	28.2	19.9	31.3	23.3
Nevada	.2	.2	(1)	(1)	(1)	.1	(1)	(1)	.2	2.3	.1	.4	.1	.1	.7	.3	.5	.3
Oregon	.1	7.1	.4	.1	5.1	.5	.6	.4	3.4	19.6	.8	4.8	.8	1.0	4.2	2.9	5.0	3.0
Washington	.3	6.2	.6	.2	3.4	.7	.8	.6	3.5	27.6	1.0	7.2	1.3	1.2	6.1	3.9	6.9	4.6

[1] Less than 50. NOTE.—Detail will not necessarily add to totals because of rounding. Source: U. S. Department of Commerce, Office of Business Economics.

outlets enumerated by the Bureau of the Census in 1939 as well as in 1947 or 1948. The broad outlines of the regional changes which have occurred in the business population over this period may be indicated by the changes which have occurred in the number of census establishments despite differences in industry definitions and scope between the two sets of data as well as between censuses taken in different years, so that census and OBE data show somewhat different relative changes for the country as a whole.

On a regional basis, Census information shows that the fastest growing regions from 1939 to 1947 (for manufacturing) and to 1948 (for trade and services) have been the Southeast where the number of establishments increased 17 percent and the Far West with an increase of 11 percent. Two regions increased moderately, the Southwest by 7 percent and the Middle East by 3 percent; New England remained practically unchanged, while the number of establishments in the remaining two regions declined, by 2 percent in the Central States and 5 percent in the Northwest. The order of the regions from high to low relative changes in number of Census establishments followed the over-all pattern closely in each of the industry divisions for which information is available except in the case of wholesale trade where the largest gains were made in the Middle East and New England.

Business Turnover by State

The annual number of new and discontinued businesses, 1944–50 are shown by State and region at the right in table 1. The purchase and sale of an existing firm is regarded as a business transfer, and is excluded from both the new and the discontinued businesses series. Discontinued businesses contain all other closures regardless of reason, while new businesses include newly established firms. For the years shown in the table, the over-all number of new businesses was highest in 1946; the number of new businesses decreased in each of the next three years but increased in 1950 to very nearly the 1948 level. Each of the regions and most of the States reflected this pattern of movements in the number of new businesses.

In 1944 business discontinuances were a little more than half the number started; during the next two years, discontinued businesses increased gradually while new businesses increased sharply so that in 1946 about one-third as many businesses were discontinued as were established. By 1947 the number of discontinued businesses was three-fifths the number of new businesses; the number of business discontinuances increased in 1948 and again in 1949 so that over the latter year business deaths exceeded business births and the business population declined. In 1950 the number of discontinued businesses decreased from the previous year, but exceeded the 1944 number by more than four-fifths. In most of the regions and a high proportion of the States the number of discontinued businesses moved in the same way as the national total; however, in the Southeast and Northwest, business discontinuances were more numerous in 1948 than in any of the other years shown.

Entrance and discontinuance rates

For many purposes of comparison, business turnover rates are more useful than the total number of new and discontinued businesses. Table 5 shows the annual number of new and discontinued businesses per 1,000 firms in operation March 31, for each of the years 1945–50. It is of interest to note that States and regions which have higher than average entrance rates in one year tend to have higher rates in each of the years shown, and that higher than average entrance rates tend to be associated with higher than average discontinuance rates. This latter relationship follows from the fact that discontinuance rates are highest for new firms and decrease as the age of firms increase.

The tendency for discontinuance rates to follow the same regional pattern as entrance rates and for this pattern to persist over time is brought out strikingly by the chart on page 12 which shows two-year averages of business turnover rates by regions for the period 1945-50. During the earliest two-year period shown, 1945–46, the business population was increasing rapidly; entrance rates were higher and discontinuance rates lower than in either of the following two-year periods, during which the business population leveled off and became relatively stable.

The arrangement of the regions in the chart is according to entrance rates in the 1945–46 period. If the arrangement were based upon entrance rates in one of the other periods, or upon discontinuance rates during any one of the three periods, the order of the regions would not have been much different.

Although the business population in the Far West has declined in recent years, the entrance rate for this region has continued well above the national average. The continuing gains of the business population in the Southeast, on the other hand, are as much a reflection of lowered discontinuance rates as of a continuing high entrance rate. The average 1949–50 discontinuance rate for the Southeast was lower than that for any other region; although the entrance rate in this region was still slightly exceeded in both the Far West and Southwest, the differences among the entrance rates of these three regions during this time were quite small.

Defense Program Progress Report

(Continued from page 4)

fewer than 500 persons. The proposed investment of these firms, however, accounted for only one-tenth of the total $8.2 billion investment under tax amortization certificates.

Aircraft largest defense industry

The distribution of all prime defense contracts by industries is not available at this time. The distribution of the Munitions Board's list of the 100 largest contractors by industry classification, however, provides a useful indicator of the economic impact of the defense program on a few important industries, since as previously indicated the value of these contracts constitutes more than three-fifths of the total prime contracts let in fiscal year 1951. A further limitation of this classification is the fact that the subcontracts flowing from the prime contractors are not covered. These, of course, flow widely throughout industry.

On the basis of the industry classification of the 100 largest contractors, it is clear that the impact of the defense program has been particularly pronounced in the case of the aircraft industry. This industry received about $7 billion in prime contracts during fiscal year 1951, or more than one-third of the total prime contracts received by the 100 largest contractors. Employment in the aircraft industry has doubled while the average hours worked per week were increased by 7 percent.

Large contracts to auto and machinery industries

The motor vehicle industry received over $4 billion of prime contracts during fiscal year 1951. The impact of this volume of orders is not so clear-cut in this industry as in the case of the aircraft producers. Material shortages have resulted in curtailment of automobile production which has not as yet been offset by increases in military production. The period from June 1950 to October 1951 was marked by about a 14 percent decline in the number of production workers in the automobile industry with average hours worked per week declining by more than 7 percent during this period.

The electrical machinery industry is the third major industry receiving a significant proportion of Defense Department prime contracts. With work in progress on over $2 billion in prime contracts awarded during the last fiscal year, employment in this industry has increased by almost one-fifth. Producers of machinery other than electrical were awarded prime contracts totaling more than one billion. The railroad equipment industry's share amounted to almost one billion in the first year of the Korean war. Employment in both these industries advanced about 20 percent during the first 16 months of the mobilization program.

Total manufacturing employment in the United States increased about 8 percent on an unadjusted basis from June 1950 to November 1951 with the larger relative increase concentrated in the durable goods industries. Employment has increased from 10 to 20 percent in the industries receiving a significant proportion of the total military prime contracts, the major exceptions to this range of increase being with the automobile and aircraft industries.

Military deliveries at over $20 billion annual rate

Total deliveries of finished defense goods are estimated to exceed $5 billion during the fourth quarter of 1951, representing an increase of about $4 billion from the total for the third quarter of 1950. Although the procurement of civilian-type goods has increased according to schedule during this period, deliveries of important hard goods increased much less rapidly. Machine tool bottlenecks which are only gradually being overcome, and other production problems have largely been responsible for the delays in aircraft and tank deliveries. The year 1951 was one of tooling up and expanding industrial capacity, making possible volume deliveries of the long lead-time items in 1952.

American industry is now working on outstanding defense orders amounting to $40 billion. At the close of 1951, the Defense Department had not yet obligated about $40 billion of the funds made available for the military functions of the Defense Department and the Mutual Defense Assistance Program during fiscal years 1951 and 1952. Additional orders covering these unobligated funds plus a significant proportion of the funds made available by Congress for fiscal year 1953, will be forthcoming during the present year. Thus, the defense program is certain to expand steadily during 1952, and to be the major driving force in the economy

National Income and Corporate Profits in the Third Quarter, 1951

(Continued from page 6)

Three quarters' comparisons—1950 and 1951

Total profits before taxes (unadjusted for seasonal variations) in the first three quarters of 1951 exceeded earnings in the same months of 1950 by almost one-fifth. This increase may be traced primarily to substantially higher sales. The over-all profit margin for the corporate business system moved up only slightly between the two periods. Lower inventory profits in the 1951 months were significant in limiting the rise in margins.

Of the five broad industry groups for which estimates are shown in table 4, the major expansion from the 1950 to the 1951 period occurred in manufacturing, where profits before taxes advanced 27 percent as a result of a large expansion in sales and a moderate improvement in margins.

Profits in the mining industries were almost one-fifth larger in the 1951 period, owing to increased sales coupled with higher margins. Profits in the transportation industry as a whole remained at about the same level, despite substantially larger sales. Margins in the nonrailroad segment improved, but railroad profit margins fell sharply. For railroads, profits were down about 6 percent.

Table 4.—Corporate Profits Before Tax, by Major Industries, Quarterly

(Million of dollars)

Item	1950				1951		
	I	II	III	IV	I	II	III
All industries, total	**7,466**	**9,448**	**11,801**	**12,652**	**12,210**	**11,403**	**10,389**
Mining	228	316	442	452	360	374	431
Manufacturing	4,018	5,251	6,761	7,801	7,437	7,017	5,965
Durable-goods industries	2,165	3,066	3,706	4,409	4,065	3,947	3,170
Nondurable-goods industries	1,853	2,185	3,055	3,392	3,372	3,070	2,795
Transportation	225	450	704	733	360	493	512
Communications and public utilities	566	550	529	602	709	591	557
All other industries	2,429	2,881	3,365	3,064	3,344	2,928	2,924

Source: U. S. Department of Commerce, Office of Business Economics.

In the communications and public utility sector, the two dominant industries—telephone and electric power utilities—showed increases in profits before taxes of 20 and 10 percent, respectively. Both experienced expanding sales and wider profit margins.

Profits of corporations classified under "all other industries" are estimated to have increased moderately over the nine-months' periods. Available evidence indicates that, because of substantially larger sales, trade corporations (the major component) maintained earnings at or near the 1950 level, despite lower margins.

Changes within manufacturing

Analysis of sales, margins, and profits before taxes within the manufacturing sector shows a distinct tendency toward better-than-average performance by industries in which defense production is concentrated. However, chiefly because civilian production still looms large in most of manufacturing, any defense-nondefense classification, particularly in terms of the available data for major industries, is somewhat artificial and cannot be clear-cut.

Nearly all industries which might be included in a "defense-connected" classification—such as machinery, transportation equipment (except automobiles), and iron and steel—reported sales advances exceeding by a wide margin the one-fifth rise in manufacturing as a whole. Several other industries, however—notably apparel and paper—also showed large increases. In the automotive industry where sales were already at a high level in 1950, the rise was limited to 9 percent.

The pattern of better-than-average improvement by industries most affected by defense demand held also for profit margin but was somewhat less pronounced than for sales. The margin changes showed a wider dispersion around the all-manufacturing average. Experience ranged from a decline of 21 percent in the automotive industry to an advance of 36 percent in the paper industry. Inventory profits or losses—for which, as indicated, data are not available by industry subgroups—probably were an important factor in this interindustry dispersion.

With respect to profits before taxes, most of the defense-connected industries registered gains substantially above the all-manufacturing average and none fell appreciably below it. The most impressive gain, however, occurred in the paper industry—more than four-fifths. Other large advances were registered in iron and steel, nonferrous metals, machinery (except electrical), petroleum, rubber, and furniture.

Profit gains in the following industries approximated the 27 percent rise for all manufacturing: stone, clay and glass; electrical machinery; transportation equipment (except automobiles); printing and publishing; and chemicals. Appreciable advances, although below-average, were reported by the lumber, tobacco, textile, apparel, and leather industries. Two industries—food and automobiles—sustained profit declines of 5 and 14 percent, respectively.

By *Clyde W. Plybon* ☆

Payments on Foreign Indebtedness to the United States Government

PAYMENTS by foreign countries on their indebtedness to the United States Government are scheduled to amount to more than one-half billion dollars in 1952. Payments actually made in 1951 approximated this same amount.

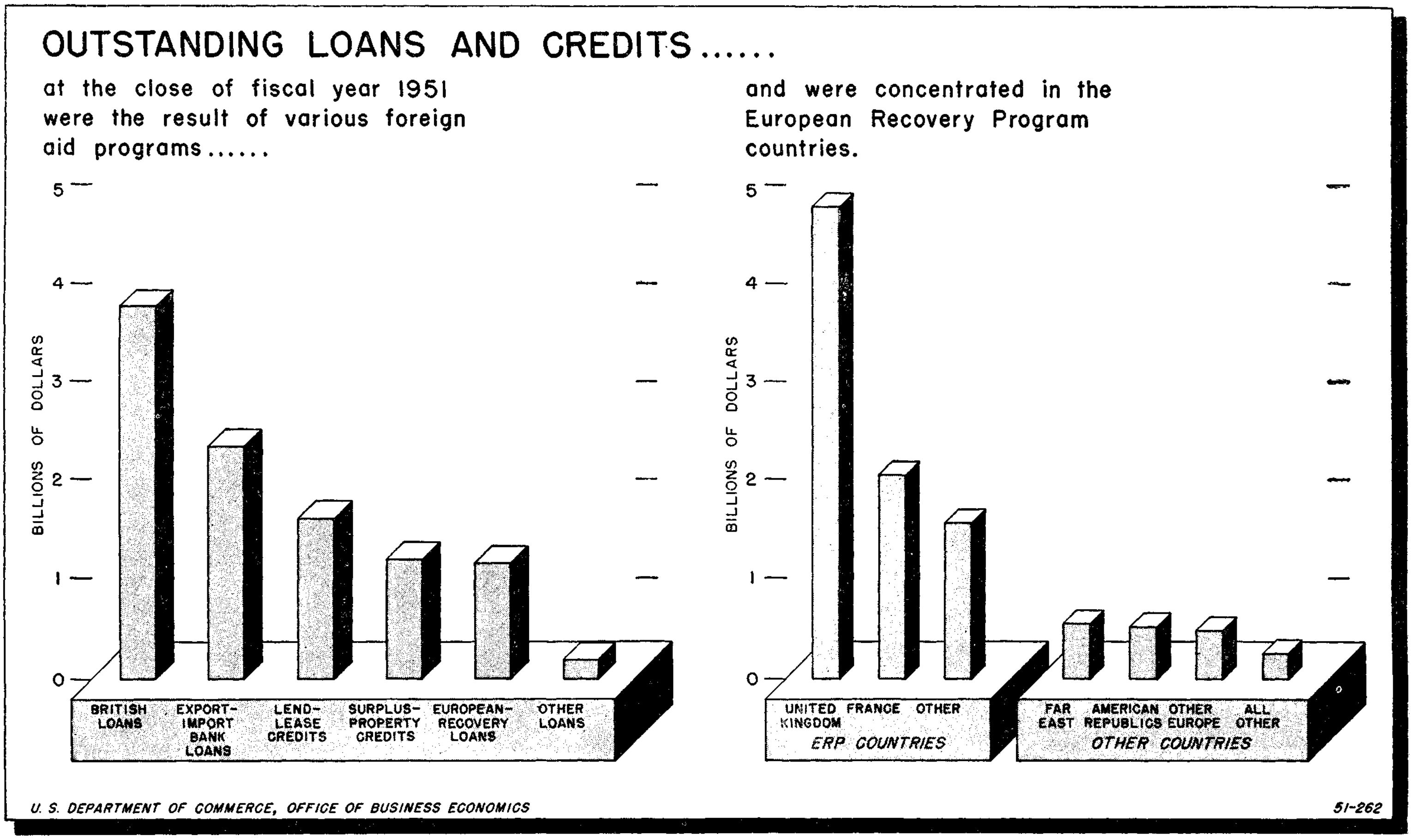
Britain and France paid in 1951

The year 1951 marked the beginning of scheduled payments on the $3,750 million British loan and on the war-account settlement with the United Kingdom, both concluded under the Anglo-American Financial Agreement of December 6, 1945. The first payment of approximately $138½ million, consisting of $51½ million in principal and $87 million in interest, was made on the due date, December 31, 1951.

The first payment of principal on the war-account settlement of May 28, 1946, with France was made on the scheduled date, July 1, 1951. This settlement, and the settlement with the United Kingdom, covered lend-lease, surplus property, and other war accounts. France has been paying interest on this account since 1947, whereas the United Kingdom arrangement provided for the initial payment after a period of 6 years.

Beginning with 1951, the payments under the Anglo-American Financial Agreement and under the French war-account settlement have similar types of repayment schedules. The total payment under each agreement remains constant—$138½ million for the British through the year 2000 and $30⅝ million for the French through the year 1980—with an increasing portion each year applicable to amortization of principal and a decreasing portion to interest. In this respect the terms differ from those on all other credits extended by the United States Government, either to these countries or to any other country. On all other credits for which debt-service projections have been made, the payments of principal, though in many cases not constant, are a fixed amount each year and interest payments are to be made on the basis of a stated rate on the unpaid balance. In a few instances interest is not stipulated or implied.

NOTE.—MR. PLYBON IS A MEMBER OF THE CLEARING OFFICE FOR FOREIGN TRANSACTIONS, OFFICE OF BUSINESS ECONOMICS.



In September 1951 the United Kingdom paid in full, more than 4 years ahead of maturity, the balance on the $390-million collateral loan. This loan had been made in 1941 by the Reconstruction Finance Corporation to enable the United Kingdom to retain its investments in the United States. This repayment released to the United Kingdom the dollar earnings on approximately $1 billion of collateral, a large part of which consisted of securities of leading United States business concerns.

Postwar payments have been large

Foreign countries have paid more than $2.3 billion in the postwar period on credits extended by the United States Government since 1934. Amortization has amounted to over $1.7 billion and interest payments to $0.6 billion. Close to $0.3 billion of this total represents payments on the relatively short-term credits extended by the Agriculture Department, the Army Department, and the Reconstruction Finance Corporation to finance shipments of raw cotton from the United States to the occupied areas of Germany and Japan. Large payments to the Agriculture Department of more than $110 million on this program in 1948, plus the unscheduled repayment in full by Canada of the $140-million loan drawn down 6 months earlier, raised actual payments in 1948 to $559 million.

Indebtedness remains at $10 billion

In spite of the fairly sizable repayments in the past 6½ years, outstanding principal indebtedness of foreign countries rose from $0.8 billion at June 30, 1945, to $10.1 billion at June 30, 1951. This indebtedness represents only the obligations which had been formalized either by signed agreements or by promissory notes. Unsettled obligations—principally of the U. S. S. R., China, Germany, and Japan—are sizable additional amounts. The outstanding indebtedness at December 31, 1951, was approximately the same as at June 30, 1951. Loan disbursements and repayments of principal in the last 6 months of 1951 are estimated to have about offset each other—approximately $0.2 billion each.

The larger part of the increase in principal indebtedness of foreign countries to the United States Government during the postwar period occurred during the first 3½ years through 1948. In 1949 new utilizations of credits exceeded principal repayments by only $450 million, whereas in 1948 the excess had been $1 billion. By 1950 the net credit utilization had dropped to $130 million. It is estimated that the increase in outstanding loans in 1951 will not be much more than the approximate $100-million increase which occurred between January and June.

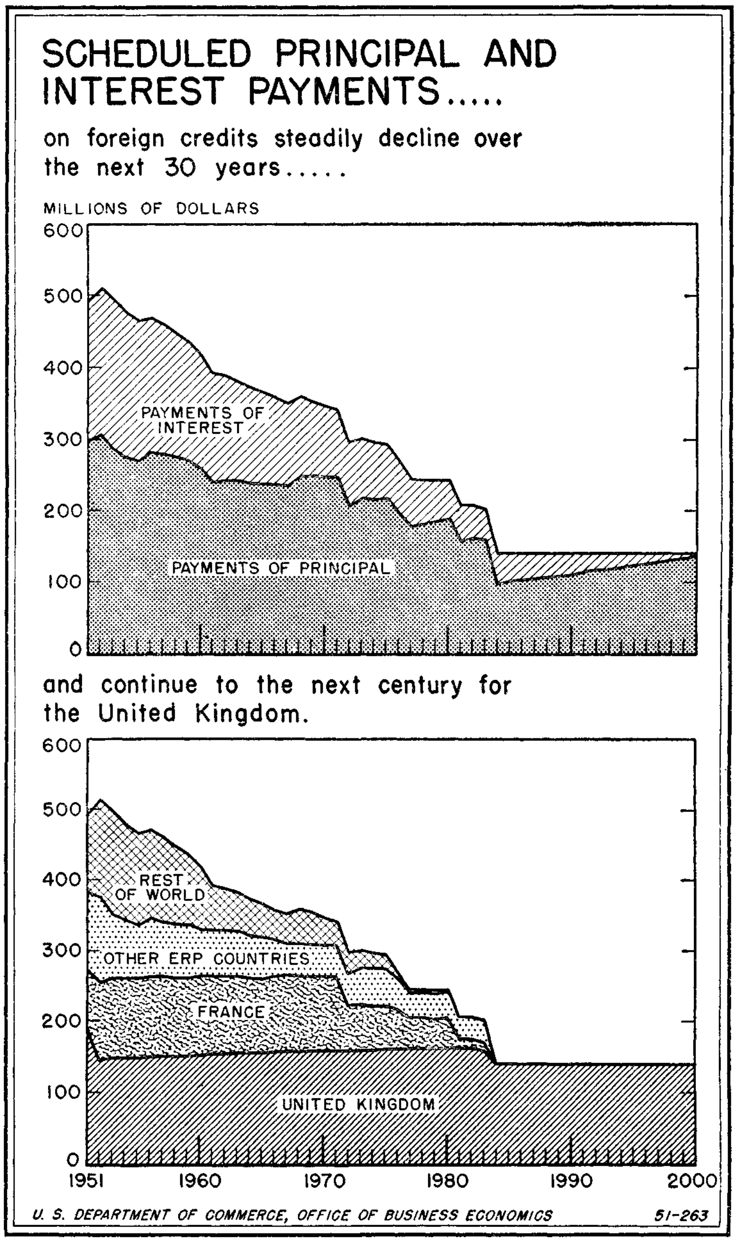
Beginning in 1952, unless new credit programs are initiated, scheduled repayments of principal are estimated to about offset new credit utilization. Thus, the formalized indebtedness of foreign countries to the United States Government will probably not increase much from this point on, unless the obligations of Germany, Japan, the U. S. S. R., and China are settled. Except for the continuing loan activity of the Export-Import Bank, which was given $1 billion additional lending authority on October 3, 1951, the only sizable potential new credits are the more than $100 million in economic-assistance credits provided for in the Mutual Security Appropriation Act of 1952.

As shown in the chart on page 18, the European-recovery program participating countries accounted for almost 83 percent of the total principal indebtedness at June 30, 1951. The United Kingdom was indebted for almost one-half of the total outstanding foreign credits of the United States Government, and France for one-fifth.

More than one-half billion dollars of the total indebtedness shown in the table cannot be included in the debt-service projections, even though the amount of the obligation has been determined: either due dates have not been set or repayment terms are not definite enough to make a projection practical. Some of these agreements provide only for payment when requested by the United States Government, either in foreign currency or real property. Others provide for payments from proceeds of certain receipts. Lend-lease silver is to be returned when determined by the President in accordance with specifications in the respective agreements.

Debt-service payments decline

The following chart shows a fairly constant decline after 1952 in total debt service on present formalized obligations. From total payments of $509 million in 1952, scheduled payments are halved by 1980. From 1984 through the year 2000, the sole remaining payments are those of $138⅓ million annually by the United Kingdom.



Payments scheduled amount to almost $9.6 billion in amortization and more than $4.3 billion in interest, bringing to $13.9 billion the total scheduled payment by foreign countries on their indebtedness to the United States Government in the next 49 years. European-recovery participating countries are scheduled to make 87 percent of the total payments, 54 percent by the United Kingdom, 20 percent by France, and approximately 14 percent by the other ERP countries. Of the remainder, the other European countries are scheduled for 5 percent, the American Republics for 4 percent, and countries in the Far East for 2 percent.

Table 1.—Summary of Indebtedness of Foreign Countries to the United States Government at June 30, 1951, and Projections of Contractual Debt Service (Principal and Interest) for Calendar Years 1951–56 [1]

[Millions of dollars]

Program and country	Indebtedness June 30, 1951	Unprojected	Projection of contractual debt service: 1951 (last 6 months) Principal	1951 Interest	1952 Principal	1952 Interest	1953 Principal	1953 Interest	1954 Principal	1954 Interest	1955 Principal	1955 Interest	1956 Principal	1956 Interest
Total	**10,117**	**541**	**210**	**165**	**305**	**204**	**286**	**210**	**273**	**203**	**268**	**195**	**279**	**188**
British loan	**3,750**	-	**44**	**75**	**45**	**74**	**46**	**73**	**47**	**72**	**48**	**71**	**49**	**70**
European-recovery loans	**1,132**	**25**	-	-	(2)	**14**	(2)	**28**	(2)	**28**	(2)	**28**	**13**	**28**
Export-Import Bank loans (including agent banks)	**2,322**	-	**82**	**38**	**163**	**68**	**133**	**62**	**143**	**58**	**143**	**53**	**138**	**49**
Lend-lease credits	**1,576**	**316**	**33**	**34**	**25**	**25**	**26**	**25**	**35**	**24**	**31**	**24**	**31**	**23**
Surplus-property credits	**1,167**	**201**	**26**	**18**	**41**	**22**	**41**	**21**	**43**	**20**	**41**	**19**	**42**	**18**
Other loans	**172**	-	**24**	**1**	**30**	**2**	**40**	**1**	**5**	**1**	**6**	**1**	**6**	**1**
European countries	**8,749**	**213**	**157**	**144**	**212**	**177**	**181**	**184**	**194**	**180**	**192**	**175**	**203**	**170**
Belgium-Luxembourg	171	1	5	1	11	4	8	4	6	4	6	4	6	3
Denmark	52	-	1	(2)	1	1	1	1	1	1	1	1	2	1
Finland	117	5	1	2	2	3	5	3	5	3	4	3	4	3
France	2,039	15	28	30	63	47	64	48	65	46	66	44	70	43
Germany	69	69	-	-	-	-	-	-	-	-	-	-	-	-
Greece	98	1	1	2	5	3	5	3	5	2	5	2	5	2
Ireland	128	-	-	-	-	2	-	3	-	3	-	3	1	3
Italy	343	1	9	2	24	8	23	8	22	8	18	7	18	6
Netherlands	413	41	35	3	39	7	8	7	8	7	8	7	10	7
Norway	96	6	1	1	4	2	4	2	4	2	4	2	6	2
Poland	79	-	(2)	1	4	2	4	2	4	2	4	2	4	2
U. S. S. R.	223	-	-	12	-	5	-	5	10	5	10	5	10	5
United Kingdom	4,784	71	74	88	53	90	54	93	55	92	56	91	58	90
Yugoslavia	48	(2)	1	1	2	2	2	2	6	1	7	1	7	1
Other European countries [3]	89	3	2	1	5	1	2	2	3	2	2	2	3	2
Far Eastern countries	**536**	**272**	**12**	**9**	**36**	**5**	**46**	**5**	**11**	**4**	**11**	**4**	**11**	**4**
China	161	66	7	7	5	2	5	2	4	2	4	2	4	2
India	174	172	2	-	-	-	-	-	-	-	-	-	-	-
Indonesia	63	-	2	1	2	1	2	1	2	1	2	1	2	1
Philippines	97	2	(2)	1	29	2	39	1	4	1	4	1	4	(2)
Other Far Eastern countries [3]	41	32	1	(2)	1	(2)	1	(2)	1	(2)	1	(2)	1	(2)
American Republics	**499**	-	**29**	**10**	**41**	**16**	**39**	**15**	**51**	**13**	**47**	**12**	**45**	**10**
Argentina	86	-	(2)	2	(2)	3	(2)	3	13	3	13	2	13	2
Brazil	108	-	5	2	10	4	8	3	8	3	7	3	7	2
Chile	85	-	3	2	7	3	6	3	7	3	7	2	7	2
Mexico	75	-	6	2	8	3	9	2	9	2	10	2	9	1
Other American Republics [3]	109	-	7	2	9	4	10	3	9	3	10	3	9	2
Undistributed	36	-	8	(2)	7	(2)	7	-	6	-	1	-	1	-
Other countries	**282**	**56**	**10**	**3**	**15**	**6**	**18**	**6**	**16**	**6**	**17**	**5**	**18**	**4**
Israel	68	-	-	1	3	2	8	2	8	2	8	2	8	1
Turkey	96	(2)	3	(2)	6	2	5	2	3	2	3	2	4	2
All other countries [3]	118	56	7	2	6	2	5	2	5	2	6	1	6	1
United Nations	**52**	-	**1**	-	**1**	-	**2**	-	**2**	-	**2**	-	**2**	-

NOTE.—Detail does not always add to total because of rounding.

[1] European-recovery loans include loans repayable in deficiency materials. Export-Import Bank loans include advances through agent banks. Lend-lease credits include the obligations of foreign governments to return lend-lease silver and include also, in some instances, credits established in war-account settlements for civilian supplies, net claims, and other war accounts. Credits established in war-account settlements for surplus property, however, are included in surplus-property credits. Surplus-property credits are composed of all outstanding foreign credits established for sales of surplus by the former Office of the Foreign Liquidation Commissioner and by the former War Assets Administration, and mortgage secured credits of the Maritime Administration for foreign sales of merchant ships. Included also is the credit established by the Army Department for the sale of surplus to China. Other loans consist of Reconstruction Finance Corporation loans, the State Department loan to the United Nations, the Philippine funding by the Treasury Department, and a small balance on a loan of the Institute of Inter-American Affairs. World War I indebtedness is not included.

[2] Less than $500,000.

[3] Other European countries are Austria, Czechoslovakia, Hungary, Iceland, Portugal, and Sweden. Other Far Eastern countries are Burma, Japan, Korea, and Thailand. Other American Republics are Bolivia, Columbia, Costa Rica, Dominican Republic, Ecuador, El Salvador, Haiti, Nicaragua, Panama, Paraguay, Peru, Uruguay, and Venezuela. All other countries are Afghanistan, Australia, Canada, Egypt, Ethiopia, Iran, Lebanon, Liberia, New Zealand, Saudi Arabia, and Union of South Africa. In no case did the indebtedness of any one of these countries on June 30, 1951, exceed $30 million.

Source: U. S. Department of Commerce, Office of Business Economics.

Additional Data Available

A special report on debt-service projections, including a detailed table for all countries and all years, has been separately printed and is available on request.

Monthly BUSINESS STATISTICS

THE STATISTICS here are a continuation of the data published in BUSINESS STATISTICS, the 1951 Statistical Supplement to the SURVEY OF CURRENT BUSINESS. That volume (price $1.50) contains monthly data for the years 1947 to 1950, and monthly averages for earlier years back to 1935 insofar as available; it also provides a description of each series and references to sources of monthly figures prior to 1947. Series added or revised since publication of the 1951 Supplement are indicated by an asterisk (*) and a dagger (†), respectively, the accompanying footnote indicating where historical data and a descriptive note may be found. The terms "unadjusted" and "adjusted" used to designate index numbers and dollar values refer to adjustment of monthly figures for seasonal variation.

Data subsequent to November 1951 for selected series will be found in the Weekly Supplement to the SURVEY.

GENERAL BUSINESS INDICATORS

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950		1951										
	November	December	January	February	March	April	May	June	July	August	September	October	November
NATIONAL INCOME AND PRODUCT													
Seasonally adjusted quarterly totals at annual rates:													
National income, total......bil. of dol..		260.1			269.4			274.3			277.9		
Compensation of employees, total......do....		165.2			172.1			177.4			180.4		
Wages and salaries, total......do....		157.2			163.6			168.8			r 171.6		
Private......do....		132.7			137.1			140.5			141.1		
Military......do....		6.6			7.8								
Government civilian......do....		17.9			18.8								
Supplements to wages and salaries......do....		7.9			8.5			8.7			8.8		
Proprietors' and rental income, total♂......do....		47.2			48.8			48.1			49.1		
Business and professional♂......do....		23.0			24.1			23.6			23.4		
Farm......do....		15.8			16.4			16.3			17.3		
Rental income of persons......do....		8.4			8.3			8.2			8.4		
Corporate profits and inventory valuation adjustment, total......bil. of dol..		42.2			42.9			43.0			42.6		
Corporate profits before tax, total......do....		50.3			51.8			45.4			39.8		
Corporate profits tax liability......do....		22.5			31.1			27.0			23.7		
Corporate profits after tax......do....		27.8			20.7			18.4			16.1		
Inventory valuation adjustment......do....		−8.2			−8.9			−2.3			2.8		
Net interest......do....		5.6			5.6			5.7			5.8		
Gross national product, total......do....		303.7			319.0			327.8			327.6		
Personal consumption expenditures, total......do....		198.4			208.2			201.7			202.5		
Durable goods......do....		29.4			31.5			25.9			25.3		
Nondurable goods......do....		104.9			111.5			109.5			110.0		
Services......do....		64.0			65.2			66.2			67.2		
Gross private domestic investment......do....		60.2			60.1			65.6			55.7		
New construction......do....		23.3			23.9			22.5			21.5		
Producers' durable equipment......do....		25.0			25.9			27.2			28.1		
Change in business inventories......do....		11.8			10.3			15.9			6.1		
Net foreign investment......do....		−2.7			−2.7			.0			1.2		
Government purchases of goods and services, total......bil. of dol..		47.8			53.4			60.4			68.2		
Federal (less Government sales)......do....		27.3			32.3			38.9			46.6		
State and local......do....		20.4			21.1			21.4			21.6		
Personal income, total......do....		238.3			244.1			249.9			253.2		
Less: Personal tax and nontax payments......do....		23.1			27.4			28.0			28.4		
Equals: Disposable personal income......do....		215.2			216.8			221.8			224.7		
Personal saving§......do....		16.8			8.5			20.1			22.2		
PERSONAL INCOME, BY SOURCE													
Seasonally adjusted, at annual rates:													
Total personal income......bil. of dol..	236.4	244.4	243.6	243.3	245.5	249.0	249.8	251.0	252.4	253.7	253.6	257.5	256.7
Wage and salary receipts, total......do....	154.2	155.9	158.0	160.0	162.2	164.8	165.1	166.4	167.1	167.4	168.3	r 169.5	170.4
Employer disbursements, total......do....	157.3	158.9	161.6	163.4	165.9	168.2	168.8	169.9	170.6	170.8	171.7	r 173.1	174.0
Commodity-producing industries......do....	69.9	70.8	71.7	72.4	73.7	75.0	74.6	75.2	74.8	74.5	75.0	r 75.1	75.0
Distributive industries......do....	43.2	43.6	44.3	44.5	44.9	45.3	45.6	45.6	46.0	46.2	46.4	r 46.1	46.0
Service industries......do....	19.5	19.6	19.9	19.8	20.0	20.1	20.2	20.3	20.3	20.3	20.3	r 20.4	20.5
Government......do....	24.7	24.9	25.7	26.7	27.3	27.8	28.4	28.8	29.5	29.8	30.0	31.5	32.5
Less employee contributions for social insurance......bil. of dol..	3.1	3.0	3.6	3.4	3.7	3.4	3.7	3.5	3.5	3.4	3.4	3.6	3.6
Other labor income......do....	3.7	3.7	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.9
Proprietors' and rental income......do....	47.2	48.1	50.5	48.2	47.7	48.1	48.0	48.0	49.2	49.7	48.3	r 50.5	49.1
Personal interest income and dividends......do....	19.5	25.0	18.8	19.2	19.7	20.2	20.2	20.0	19.7	20.1	20.7	20.8	20.7
Total transfer payments......do....	11.8	11.7	12.6	12.1	12.1	12.1	12.7	12.8	12.6	12.7	12.5	r 12.9	12.6
Total nonagricultural income......do....	215.5	223.4	221.4	222.9	225.2	227.8	229.0	230.1	230.1	231.3	232.1	234.5	235.1
NEW PLANT AND EQUIPMENT EXPENDITURES													
All industries, quarterly total‡......mil. of dol..		5,517			4,863			5,913			5,844		[1] 6,506
Manufacturing‡......do....		2,474			2,154			2,802			2,841		[1] 3,345
Mining......do....		198			183			203			199		[1] 221
Railroad......do....		320			303			412			377		[1] 472
Other transportation......do....		145			125			136			120		[1] 136
Electric and gas utilities......do....		935			753			893			933		[1] 1,075
Commercial and miscellaneous......do....		1,445			1,345			1,467			1,374		[1] 1,257

r Revised. [1] Estimates for October–December 1951, based on anticipated capital expenditures of business.
♂Includes inventory valuation adjustment.
§Personal saving is excess of disposable income over personal consumption expenditures shown as a component of gross national product above.
‡Data have been revised beginning 1945; revisions prior to the last quarter of 1950 are shown on pp. 16 and 20 of the December 1951 SURVEY.

GENERAL BUSINESS INDICATORS—Continued

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950		1951										
	November	December	January	February	March	April	May	June	July	August	September	October	November
FARM INCOME AND MARKETINGS‡													
Cash receipts from farming, including Government payments, total .... mil. of dol.	3,407	2,785	2,539	1,899	2,071	2,137	2,153	2,169	2,652	2,992	r 3,395	r 4,355	3,585
Farm marketings and CCC loans, total .... do	3,391	2,765	2,510	1,873	2,019	2,088	2,120	2,143	2,641	2,985	3,387	r 4,345	3,568
Crops .... do	1,784	1,268	965	557	523	465	436	606	1,085	1,315	1,642	r 2,294	1,749
Livestock and products, total .... do	1,607	1,497	1,545	1,316	1,496	1,623	1,684	1,537	1,556	1,670	1,745	r 2,051	1,819
Dairy products .... do	286	300	324	317	366	368	438	437	408	393	348	341	316
Meat animals .... do	993	853	995	769	834	930	871	753	833	960	1,058	1,350	1,098
Poultry and eggs .... do	320	337	215	220	275	288	309	296	285	295	325	r 348	397
Indexes of cash receipts from marketings and CCC loans, unadjusted:													
All commodities .... 1935–39=100	511	417	378	281	303	313	319	323	398	450	511	r 655	538
Crops .... do	630	448	338	195	183	163	153	214	384	465	580	r 811	618
Livestock and products .... do	423	394	408	346	393	427	444	405	410	440	459	r 540	479
Indexes of volume of farm marketings, unadjusted:													
All commodities .... 1935–39=100	177	153	139	104	111	113	117	123	151	168	184	219	178
Crops .... do	252	154	126	79	71	61	57	84	153	186	218	273	187
Livestock and products .... do	165	153	149	123	141	152	163	152	148	154	158	178	172
INDUSTRIAL PRODUCTION													
Federal Reserve Index													
Unadjusted, combined index .... 1935–39=100	215	216	216	217	219	222	223	223	214	220	223	222	p 219
Manufactures .... do	226	227	226	228	231	232	233	232	223	229	233	r 230	p 228
Durable manufactures .... do	260	266	264	268	275	278	277	276	267	269	274	r 275	p 275
Iron and steel .... do	246	253	255	252	263	264	263	261	253	254	258	261	261
Lumber and products .... do	168	158	153	154	160	169	168	164	151	158	158	158	p 153
Furniture .... do	197	195	190	193	195	185	173	164	160	165	167	r 170	p 169
Lumber .... do	153	140	134	134	141	161	165	163	146	154	153	151	146
Machinery .... do	311	321	322	328	335	337	336	338	327	328	336	r 341	p 343
Nonferrous metals and products .... do	226	227	224	217	209	211	206	205	199	197	r 197	r 201	p 209
Fabricating .... do	228	230	226	215	202	204	197	197	188	r 191	r 190	r 190	p 198
Smelting and refining .... do	221	219	220	222	225	227	227	225	225	213	214	r 230	p 235
Stone, clay, and glass products .... do	233	227	223	221	232	243	242	241	239	r 238	237	r 231	p 219
Cement .... do	231	211	193	186	207	231	242	251	248	251	254	252	237
Clay products .... do	182	178	178	176	180	183	184	184	179	r 182	180	r 183	p 180
Glass containers .... do	250	246	251	253	269	292	275	266	273	259	251	228	206
Transportation equipment .... do	278	292	285	304	314	311	310	307	r 293	r 305	r 312	r 308	p 309
Automobiles (incl. parts) .... do	249	260	246	262	265	255	248	238	216	r 223	228	r 219	p 215
Nondurable manufactures .... do	197	196	196	196	194	195	197	197	r 188	197	199	r 193	p 189
Alcoholic beverages .... do	195	189	211	198	185	175	180	191	190	179	193	197	-----
Chemical products .... do	284	288	288	291	296	298	298	300	301	303	306	r 304	p 302
Industrial chemicals .... do	497	504	506	510	524	532	538	548	554	r 557	r 558	r 552	p 552
Leather and products .... do	111	107	116	125	118	106	97	98	83	98	100	91	-----
Leather tanning .... do	111	106	108	120	104	97	88	86	71	80	83	80	-----
Shoes .... do	110	109	121	128	127	112	103	106	92	110	111	98	-----
Manufactured food products .... do	163	161	155	149	149	152	159	165	176	r 189	r 191	r 176	p 160
Dairy products .... do	94	90	90	101	120	153	196	221	221	215	169	128	98
Meat packing .... do	184	203	193	142	147	150	149	144	141	139	149	156	188
Processed fruits and vegetables .... do	137	111	105	100	97	103	108	123	r 191	r 263	r 285	r 202	p 121
Paper and products .... do	201	197	203	208	208	215	212	209	189	196	196	196	187
Paper and pulp .... do	191	188	192	198	198	205	201	199	182	188	191	191	185
Petroleum and coal products .... do	253	263	272	269	269	255	263	263	262	265	r 266	r 268	p 277
Coke .... do	178	182	187	183	184	185	186	187	183	187	185	185	-----
Gasoline .... do	195	197	202	198	199	193	207	212	211	213	214	r 212	p 214
Printing and publishing .... do	182	179	164	176	179	188	179	170	155	166	180	181	183
Rubber products .... do	250	251	244	235	239	238	247	251	243	r 243	r 245	r 238	-----
Textiles and products .... do	193	194	194	194	188	185	190	185	160	170	r 163	155	p 156
Cotton consumption .... do	158	158	163	174	175	153	164	157	123	145	142	140	144
Rayon deliveries .... do	381	397	392	390	374	380	377	378	r 379	r 360	r 334	293	290
Wool textiles .... do	164	160	156	144	133	146	144	137	100	115	114	114	-----
Tobacco products .... do	174	142	177	170	161	167	172	178	167	190	188	191	198
Minerals .... do	159	153	159	153	153	162	168	169	161	170	171	r 176	p 170
Fuels .... do	165	163	169	163	163	167	168	169	160	171	172	r 179	p 178
Anthracite .... do	84	80	96	89	48	64	83	86	66	77	79	104	99
Bituminous coal .... do	138	143	151	125	127	133	126	133	105	134	137	147	152
Crude petroleum .... do	184	178	184	185	189	191	192	191	192	194	195	r 199	p 196
Metals .... do	124	93	94	94	92	129	166	171	166	167	166	r 163	p 116
Adjusted, combined index♂ .... do	215	218	221	221	222	223	222	221	212	217	219	r 218	p 218
Manufactures .... do	224	229	231	232	234	234	233	231	222	226	228	r 226	p 227
Durable manufactures .... do	260	268	268	271	277	279	276	274	265	267	272	274	p 275
Lumber and products .... do	169	173	171	169	169	170	163	153	141	146	146	149	p 155
Lumber .... do	155	162	162	156	156	162	158	147	131	137	135	138	148
Nonferrous metals .... do	226	227	224	217	209	211	206	205	199	197	r 196	r 201	p 209
Smelting and refining .... do	221	218	219	222	225	227	227	226	226	213	214	r 230	p 234
Stone, clay, and glass products .... do	227	235	236	237	243	247	236	239	237	228	228	r 221	p 214
Cement .... do	214	232	238	245	252	243	231	235	226	222	219	217	219
Clay products .... do	175	173	191	186	189	189	184	184	177	r 176	173	r 173	p 174
Glass containers .... do	247	265	257	261	269	292	257	269	285	249	246	222	204
Nondurable manufactures .... do	195	197	201	201	199	198	198	197	187	193	r 193	r 188	p 188
Alcoholic beverages .... do	207	208	248	225	207	187	179	178	175	178	184	178	-----
Chemical products .... do	280	284	287	288	292	296	298	302	305	306	r 304	r 299	p 297
Leather and products .... do	109	108	115	122	118	106	97	99	85	99	100	91	-----
Leather tanning .... do	108	106	107	112	105	97	88	89	75	81	84	80	-----
Manufactured food products .... do	161	165	168	166	167	168	167	165	164	r 166	r 166	r 163	p 161
Dairy products .... do	143	141	142	142	146	147	148	150	150	148	143	r 140	p 137
Meat packing .... do	165	171	162	148	159	163	149	145	152	162	168	157	168
Processed fruits and vegetables .... do	149	142	161	158	176	169	166	160	147	r 139	r 146	r 157	p 131

r Revised. p Preliminary.

‡Data through 1950 have been revised to incorporate changes in methods of estimation (notably for truck crops) and to reflect revisions of production, disposition, or price. Revisions, extending back to 1910 in some instances, are shown on p. 23 of the December 1951 SURVEY.

♂Seasonal factors for a number of industries were fixed at 100 during 1932–42; data for these industries are shown only in the unadjusted series.

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950		1951										
	November	December	January	February	March	April	May	June	July	August	September	October	November

GENERAL BUSINESS INDICATORS—Continued

	Nov. 1950	Dec. 1950	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
INDUSTRIAL PRODUCTION—Continued													
Federal Reserve Index—Continued													
Adjusted ♂—Continued													
Manufactures—Continued													
Nondurable manufactures—Continued													
Paper and products .... 1935-39=100	201	197	204	207	208	214	212	208	190	196	197	196	187
Paper and pulp .... do	191	189	192	197	198	204	200	198	183	189	192	191	184
Printing and publishing .... do	174	175	170	177	176	183	176	171	166	174	179	177	175
Tobacco products .... do	171	153	177	179	170	177	172	171	161	183	177	185	194
Minerals .... do	160	157	164	158	158	164	165	165	156	165	167	r 174	p 171
Metals .... do	130	126	130	131	127	140	151	145	132	134	137	r 144	p 122
BUSINESS SALES AND INVENTORIES§ †													
Business sales (adjusted), total .... mil. of dol.	r 40,612	r 42,254	r 45,933	r 44,826	r 44,242	r 43,470	r 44,748	r 43,072	r 41,729	r 43,048	r 41,348	r 44,319	44,044
Manufacturing, total .... do	20,524	21,048	22,560	22,261	22,605	22,479	23,434	22,133	21,268	21,776	r 20,706	r 22,592	22,592
Durable-goods industries .... do	9,682	9,869	10,430	10,390	10,851	10,739	11,150	10,383	9,685	10,029	9,533	r 10,700	10,829
Nondurable-goods industries .... do	10,842	11,179	12,130	11,871	11,754	11,740	12,283	11,750	11,583	11,747	r 11,173	r 11,891	11,762
Wholesale trade, total .... do	8,320	8,595	9,761	9,222	8,984	8,684	8,883	8,679	8,384	8,824	8,366	r 9,161	8,983
Durable-goods establishments .... do	2,705	2,773	3,273	3,011	3,050	2,925	2,892	2,789	2,624	2,770	2,686	2,842	2,718
Nondurable-goods establishments .... do	5,615	5,822	6,488	6,211	5,934	5,759	5,991	5,890	5,760	6,054	5,680	r 6,319	6,265
Retail trade, total .... do	r 11,768	r 12,611	r 13,612	r 13,343	r 12,653	r 12,307	r 12,431	r 12,260	r 12,077	r 12,448	r 12,276	r 12,566	12,469
Durable goods stores .... do	r 4,100	r 4,564	r 5,149	r 5,071	r 4,609	r 4,298	r 4,291	r 4,207	r 3,987	r 4,154	r 4,155	r 4,209	4,051
Nondurable-goods stores .... do	7,668	8,047	8,463	8,272	8,044	8,009	8,140	8,053	8,089	r 8,294	8,122	r 8,357	8,418
Business inventories, book value, end of month (adjusted), total .... mil. of dol.	58,954	60,434	62,050	63,416	65,240	67,361	68,981	69,442	70,268	70,083	r 69,922	70,008	69,880
Manufacturing, total .... do	32,245	33,253	34,120	34,657	35,557	36,908	38,068	39,009	39,908	40,580	r 41,089	r 41,354	41,462
Durable-goods industries .... do	15,644	16,359	16,877	17,251	17,576	18,171	18,923	19,598	r 20,304	20,931	21,371	r 21,772	22,057
Nondurable-goods industries .... do	16,601	16,894	17,243	17,406	17,981	18,737	19,145	19,412	19,605	19,650	r 19,719	r 19,581	19,405
Wholesale trade, total .... do	9,005	9,388	9,475	9,715	9,940	10,107	10,270	10,151	10,315	10,074	10,072	r 10,109	10,010
Durable-goods establishments .... do	4,003	4,163	4,170	4,328	4,474	4,672	4,880	4,887	5,045	4,961	4,918	r 4,926	4,819
Nondurable-goods establishments .... do	5,002	5,225	5,305	5,387	5,466	5,435	5,390	5,264	5,270	5,113	5,154	r 5,183	5,191
Retail trade, total .... do	17,704	17,793	18,455	19,044	19,743	20,346	20,643	20,282	20,045	19,429	18,761	r 18,545	18,408
Durable-goods stores .... do	8,060	8,095	8,257	8,484	9,197	9,598	9,684	9,562	9,494	9,154	8,693	r 8,679	8,534
Nondurable-goods stores .... do	9,644	9,698	10,198	10,560	10,546	10,748	10,959	10,720	10,551	10,275	10,068	r 9,866	9,874
MANUFACTURERS' SALES, INVENTORIES, AND ORDERS†													
Sales:													
Value (unadjusted), total .... mil. of dol.	20,592	21,028	22,177	21,176	23,662	21,851	22,603	21,912	19,618	22,562	r 21,663	r 24,205	22,623
Durable-goods industries .... do	9,590	9,984	10,014	9,725	11,457	10,630	10,827	10,567	8,838	10,270	9,963	r 11,491	10,680
Nondurable-goods industries .... do	11,001	11,043	12,163	11,451	12,205	11,220	11,776	11,345	10,781	12,292	r 11,701	r 12,714	11,943
Value (adjusted), total .... do	20,524	21,048	22,560	22,261	22,605	22,479	23,434	22,133	21,268	21,776	r 20,706	r 22,592	22,592
Durable-goods industries, total .... do	9,682	9,869	10,430	10,390	10,851	10,739	11,150	10,383	9,685	10,029	9,533	r 10,700	10,829
Primary metals .... do	1,813	1,926	1,956	1,830	1,953	2,072	2,158	2,054	1,974	1,872	1,740	r 1,932	1,955
Fabricated metal products .... do	1,075	1,124	1,173	1,176	1,171	1,230	1,184	1,064	1,026	977	973	r 1,171	1,215
Electrical machinery and equipment .... do	1,012	1,035	1,122	1,092	1,140	1,023	1,044	1,000	870	1,056	1,032	r 1,077	1,086
Machinery, except electrical .... do	1,525	1,552	1,654	1,726	1,796	1,772	1,801	1,760	1,708	1,728	1,680	r 1,978	2,098
Motor vehicles and equipment .... do	1,560	1,578	1,648	1,666	1,859	1,691	1,872	1,734	1,467	1,648	1,471	r 1,579	1,668
Transportation equipment, n. e. s. .... do	377	362	360	391	407	452	478	449	514	522	533	r 582	614
Furniture and fixtures .... do	323	283	297	296	350	322	336	292	244	278	264	r 284	287
Lumber products, except furniture .... do	713	719	775	743	754	782	775	713	623	658	590	r 697	620
Stone, clay, and glass products .... do	527	485	533	535	570	506	584	548	508	540	495	r 534	522
Professional and scientific instruments .... do	203	227	228	279	245	239	257	225	232	223	204	r 230	230
Other industries, including ordnance .... do	554	578	683	656	608	650	661	544	519	526	549	r 637	534
Nondurable-goods industries, total .... do	10,842	11,179	12,130	11,871	11,754	11,740	12,283	11,750	11,583	11,747	r 11,173	r 11,891	11,762
Food and kindred products .... do	2,869	3,092	3,296	3,234	3,228	3,235	3,431	3,151	3,032	2,946	2,956	r 3,156	3,143
Beverages .... do	453	545	585	506	504	484	574	599	591	658	508	r 503	550
Tobacco manufactures .... do	280	270	291	287	261	281	288	272	278	290	269	339	289
Textile-mill products .... do	1,132	1,172	1,314	1,351	1,308	1,354	1,432	1,279	1,182	1,164	1,086	r 1,167	1,154
Apparel and related products .... do	848	826	1,059	926	797	768	792	841	940	854	696	r 782	804
Leather and leather products .... do	262	279	329	337	318	294	307	315	298	315	257	r 265	208
Paper and allied products .... do	641	649	688	681	699	680	711	686	637	696	663	r 695	660
Printing and publishing .... do	654	628	675	693	696	757	786	748	740	755	779	r 837	839
Chemicals and allied products .... do	1,441	1,468	1,628	1,590	1,628	1,596	1,643	1,543	1,535	1,577	1,521	r 1,608	1,569
Petroleum and coal products .... do	1,866	1,831	1,811	1,832	1,856	1,853	1,887	1,884	1,912	2,023	2,000	r 2,102	2,107
Rubber products .... do	397	420	454	434	459	439	432	433	438	467	r 435	437	---
Inventories, end of month:													
Book value (unadjusted), total .... do	31,987	33,311	34,409	35,034	35,970	37,054	38,262	39,085	39,840	40,243	r 40,582	r 40,888	41,145
Durable-goods industries .... do	15,443	16,202	16,797	17,304	17,763	18,331	19,178	19,740	20,383	20,846	21,227	r 21,541	21,777
Nondurable-goods industries .... do	16,543	17,109	17,612	17,730	18,207	18,723	19,084	19,344	19,457	19,396	r 19,354	r 19,347	19,369
By stages of fabrication: ♀													
Purchased materials .... do	---	---	---	---	---	---	---	---	---	---	---	---	---
Goods in process .... do	---	---	---	---	---	---	---	---	---	---	---	---	---
Finished goods .... do	---	---	---	---	---	---	---	---	---	---	---	---	---
Book value (adjusted), total .... do	32,245	33,253	34,120	34,657	35,557	36,908	38,068	39,009	39,908	40,580	r 41,089	r 41,354	41,462
Durable-goods industries, total .... do	15,644	16,359	16,877	17,251	17,576	18,171	18,923	19,598	r 20,304	20,931	21,371	r 21,772	22,057
Primary metals .... do	2,329	2,384	2,371	2,358	2,294	2,298	2,324	2,353	2,426	2,508	2,602	r 2,664	2,712
Fabricated metal products .... do	1,738	1,741	1,791	1,785	1,828	1,872	1,962	2,056	2,133	2,278	2,376	r 2,439	2,411
Electrical machinery and equipment .... do	1,718	1,897	1,959	2,009	2,077	2,180	2,338	2,465	2,574	2,684	2,706	r 2,736	2,767
Machinery, except electrical .... do	3,468	3,651	3,789	3,897	4,006	4,136	4,286	4,410	4,509	4,627	4,728	r 4,828	4,918
Motor vehicles and equipment .... do	2,056	2,144	2,200	2,183	2,175	2,275	2,336	2,390	2,455	2,480	2,521	r 2,633	2,714
Transportation equipment, n. e. s. .... do	835	905	1,034	1,114	1,211	1,273	1,367	1,473	1,657	1,757	1,879	r 1,960	2,051
Furniture and fixtures .... do	490	533	558	575	572	578	612	601	588	568	571	r 552	542
Lumber products, except furniture .... do	782	829	852	896	902	950	990	1,008	1,017	1,031	1,018	r 1,036	1,045
Stone, clay, and glass products .... do	600	628	654	680	711	741	762	801	837	837	836	r 829	810
Professional and scientific instruments .... do	502	518	533	546	549	570	596	635	649	681	690	r 701	701
Other industries, including ordnance .... do	1,127	1,131	1,136	1,208	1,251	1,298	1,351	1,406	1,458	1,483	1,443	r 1,393	1,387

r Revised. p Preliminary. ♂ See note marked "♂" on p. S-2.

§ The term "business" here includes only manufacturing and trade. Business inventories as shown on p. S-1 cover data for all types of producers, both farm and nonfarm. Unadjusted data for manufacturing are shown below on pp. S-3 and S-4; those for retail and wholesale trade, on pp. S-8, S-9, and S-10.

† Revised series. All components of business sales and inventories have been revised; for appropriate explanations of changes and earlier data (except figures beginning 1948 for retail sales which have been further revised and are available upon request), see pp. 15-24 of the October 1951 SURVEY. Manufacturers' sales and inventories have been revised beginning 1948, wholesale trade beginning 1939, and retail trade beginning 1940; moreover, the adoption of revised industry definitions for manufacturing beginning with the 1948 data results in discontinuity of industry figures for earlier periods.

♀ Not available. Data will be shown in a later issue.

GENERAL BUSINESS INDICATORS—Continued

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950 November	1950 December	1951 January	1951 February	1951 March	1951 April	1951 May	1951 June	1951 July	1951 August	1951 September	1951 October	1951 November
MANUFACTURERS' SALES, INVENTORIES, AND ORDERS†—Continued													
Inventories, end of month—Continued													
Book value (adjusted)—Continued													
Nondurable-goods industries, total..mil. of dol..	16,601	16,894	17,243	17,406	17,981	18,737	19,145	19,412	19,605	19,650	r 19,719	r 19,581	19,405
Food and kindred products.....do....	2,939	3,006	3,112	3,191	3,330	3,551	3,580	3,542	3,554	3,619	3,546	r 3,545	3,488
Beverages.....do....	1,107	1,073	1,112	1,149	1,222	1,242	1,254	1,254	1,209	1,161	1,201	r 1,200	1,204
Tobacco manufactures.....do....	1,658	1,650	1,613	1,591	1,605	1,630	1,652	1,642	1,656	1,668	1,712	r 1,766	1,816
Textile-mill products.....do....	2,462	2,531	2,662	2,710	2,800	3,046	3,137	3,214	3,222	3,190	3,130	r 3,048	2,899
Apparel and related products.....do....	1,522	1,586	1,565	1,543	1,590	1,616	1,667	1,687	1,746	1,686	1,644	r 1,498	1,447
Leather and leather products.....do....	540	562	613	590	640	666	677	691	652	622	637	r 607	591
Paper and allied products.....do....	687	732	761	779	808	840	855	887	917	924	936	r 942	956
Printing and publishing.....do....	622	632	670	678	684	661	681	694	702	711	711	r 711	727
Chemicals and allied products.....do....	2,280	2,356	2,383	2,424	2,520	2,626	2,699	2,771	2,850	2,906	2,970	r 3,004	3,016
Petroleum and coal products.....do....	2,225	2,219	2,191	2,196	2,228	2,294	2,360	2,420	2,481	2,523	2,574	r 2,582	2,582
Rubber products.....do....	560	547	562	555	554	565	583	610	616	640	r 659	r 659	
New orders, net (unadjusted), total‡.....do....	21,427	22,871	28,190	25,765	28,490	23,820	23,580	24,100	21,595	22,976	r 21,166	r 24,009	22,870
Durable-goods industries, total‡.....do....	10,362	11,703	15,050	13,474	15,542	12,987	12,404	13,303	11,274	11,046	9,880	r 11,584	10,960
Primary metals.....do....	1,955	2,242	2,396	2,110	2,587	2,264	2,175	1,977	2,037	2,002	1,487	r 2,179	1,872
Fabricated metal products.....do....	1,283	1,244	1,698	1,476	1,441	1,282	1,147	1,091	937	1,090	1,074	r 1,146	1,155
Electrical machinery and equipment.....do....	969	1,463	1,402	1,399	1,732	1,304	1,246	1,453	1,284	1,064	1,207	r 1,188	1,137
Machinery, except electrical.....do....	1,682	2,234	2,680	2,810	2,644	2,304	2,308	2,291	2,259	2,180	1,745	r 1,966	2,093
Transportation equipment, including motor vehicles and parts‡.....mil. of dol..	1,988	2,273	3,793	2,956	4,128	3,199	3,198	4,349	2,453	2,330	2,154	r 2,612	2,754
Other industries, including ordnance‡.....do....	2,485	2,247	3,082	2,723	3,009	2,634	2,331	2,143	2,305	2,380	2,213	r 2,494	1,949
Nondurable-goods industries, total.....do....	11,065	11,168	13,139	12,291	12,948	10,834	11,176	10,797	10,321	11,930	r 11,286	r 12,425	11,910
Unfilled orders (unadjusted), total‡.....do....	38,127	39,948	46,036	50,712	55,350	57,403	58,416	60,264	61,771	62,186	61,688	r 61,492	61,739
Durable-goods industries, total‡.....do....	33,070	34,766	39,878	43,714	47,608	50,049	51,662	54,058	56,024	56,800	56,718	r 56,811	57,090
Primary metals.....do....	6,673	6,917	7,325	7,676	8,190	8,486	8,589	8,518	8,822	8,877	8,556	r 8,691	8,612
Fabricated metal products.....do....	4,299	4,439	5,054	5,464	5,704	5,858	5,884	5,868	5,879	5,849	5,827	r 5,676	5,634
Electrical machinery and equipment.....do....	3,553	3,860	4,186	4,518	5,029	5,287	5,541	6,008	6,530	6,599	6,776	r 6,809	6,828
Machinery, except electrical.....do....	5,586	6,255	7,394	8,575	9,276	9,739	10,178	10,144	10,803	11,251	11,304	r 11,242	11,424
Transportation equipment, including motor vehicles and parts‡.....mil. of dol..	8,288	8,569	10,418	11,398	13,117	14,118	15,070	17,220	17,775	18,013	18,128	r 18,452	18,976
Other industries, including ordnance‡.....do....	4,670	4,726	5,501	6,082	6,294	6,560	6,400	6,299	6,216	6,212	6,127	r 5,941	5,618
Nondurable-goods industries, total.....do....	5,057	5,182	6,158	6,998	7,741	7,354	6,755	6,206	5,746	5,385	4,970	r 4,681	4,648

BUSINESS POPULATION

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950 November	1950 December	1951 January	1951 February	1951 March	1951 April	1951 May	1951 June	1951 July	1951 August	1951 September	1951 October	1951 November
OPERATING BUSINESSES AND BUSINESS TURN-OVER													
Operating businesses, end of quarter, total...thous..		3,985.6			4,007.4								
Contract construction.....do....		365.5			372.3								
Manufacturing.....do....		303.1			306.7								
Service industries.....do....		853.6			857.2								
Retail trade.....do....		1,676.9			1,676.8								
Wholesale trade.....do....		205.0			206.6								
All other.....do....		581.6			587.8								
New businesses, quarterly total.....do....		80.7			122.0								
Contract construction.....do....		12.2			21.0								
Manufacturing.....do....		9.6			14.4								
Service industries.....do....		15.4			21.9								
Retail trade.....do....		27.7			41.3								
Wholesale trade.....do....		3.7			5.3								
All other.....do....		12.2			18.1								
Discontinued businesses, quarterly total.....do....		92.8			100.2								
Contract construction.....do....		13.6			14.3								
Manufacturing.....do....		9.8			10.8								
Service industries.....do....		18.0			18.3								
Retail trade.....do....		37.3			41.4								
Wholesale trade.....do....		3.6			3.7								
All other.....do....		10.5			11.8								
Business transfers, quarterly total.....do....		67.0			93.8								
BUSINESS INCORPORATIONS													
New incorporations (48 States).....number..	6,256	6,780	8,515	6,590	7,649	7,653	7,544	6,810	6,428	6,496	5,950	6,812	6,288
INDUSTRIAL AND COMMERCIAL FAILURES♂													
Failures, total.....number..	683	679	775	599	732	693	755	699	665	678	620	644	587
Commercial service.....do....	67	67	63	59	69	52	64	43	55	56	39	57	48
Construction.....do....	87	62	97	60	83	81	94	71	74	89	84	85	68
Manufacturing and mining.....do....	150	143	132	107	115	119	128	129	130	136	150	150	106
Retail trade.....do....	310	330	410	304	377	365	385	390	340	333	277	304	307
Wholesale trade.....do....	69	77	73	69	88	76	84	66	66	64	70	48	58
Liabilities, total.....thous. of dol..	18,864	21,044	21,685	16,009	17,652	17,064	23,504	22,773	21,088	26,417	26,643	30,417	17,567
Commercial service.....do....	1,742	3,205	1,482	1,399	1,375	1,055	1,871	1,006	1,398	1,358	782	2,044	952
Construction.....do....	2,726	4,748	2,393	2,228	3,292	2,268	4,655	3,085	2,666	4,290	4,668	1,937	3,740
Manufacturing and mining.....do....	8,412	5,352	5,175	6,134	5,169	5,894	5,497	5,014	7,790	10,497	14,908	12,444	6,158
Retail trade.....do....	4,235	5,479	10,376	4,357	5,605	5,647	7,487	7,434	4,778	6,173	4,826	6,707	4,369
Wholesale trade.....do....	1,749	2,260	2,259	1,891	2,211	2,200	3,994	6,234	4,456	4,099	1,459	7,285	2,348

r Revised. p Preliminary. †Revised series. See corresponding note on p. S–3. ♂Data are from Dun & Bradstreet, Inc.

‡Beginning with the December 1951 SURVEY, the orders series include additional data for motor vehicles producers; also, data heretofore included for the motor vehicles industry have been shifted from the "other industries" category to the transportation equipment group. The new estimates have been incorporated in the series back to June 1950; unpublished revisions (June–September 1950) for the indicated series are available upon request.

COMMODITY PRICES

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950		1951										
	November	December	January	February	March	April	May	June	July	August	September	October	November
PRICES RECEIVED AND PAID BY FARMERS													
Prices received, all farm products§....1910-14=100..	276	286	300	313	311	309	305	301	294	292	291	296	301
Crops....do....	250	258	275	283	276	275	271	263	252	244	239	247	267
Food grains....do....	224	233	240	254	245	247	244	240	236	234	233	239	249
Feed grains and hay....do....	192	202	214	222	221	222	223	217	213	215	216	219	224
Tobacco....do....	428	436	442	440	437	438	438	438	438	430	423	445	424
Cotton....do....	346	339	347	351	359	363	357	353	329	291	283	304	345
Fruit....do....	194	202	192	204	202	209	194	200	175	207	201	188	172
Truck crops....do....	188	211	324	333	265	225	239	189	204	181	161	171	249
Oil-bearing crops....do....	351	366	374	379	386	385	380	358	317	294	288	296	307
Livestock and products....do....	299	311	323	340	343	340	335	335	332	336	337	340	332
Meat animals....do....	357	360	391	425	428	428	418	422	414	416	411	410	387
Dairy products....do....	267	272	286	285	280	273	270	269	272	277	283	294	305
Poultry and eggs....do....	209	249	203	205	217	215	221	217	222	231	247	247	249
Prices paid:													
All commodities....1910-14=100..	255	257	262	267	272	273	272	272	271	271	271	272	274
Commodities used in living....do....	256	257	260	265	269	269	270	270	270	270	268	268	271
Commodities used in production....do....	254	257	264	270	274	276	274	273	273	273	275	277	277
All commodities, interest, taxes, and wage rates 1910-14=100..	263	265	272	276	280	283	283	282	282	282	282	283	284
Parity ratio♀....do....	105	108	110	113	111	109	108	107	104	104	103	105	106
RETAIL PRICES													
All commodities (U. S. Department of Commerce index)....1935-39=100..	194.9	198.4	202.4	204.9	205.8	205.6	206.5	206.4	206.6	206.1	207.4	209.0	210.2
Coal (U. S. Department of Labor indexes):													
Anthracite....Oct. 1922-Sept. 1925=100..	158.6	159.7	160.3	168.3	170.0	169.1	162.9	165.2	166.3	168.1	168.8	170.5	171.3
Bituminous....do....	167.0	167.3	167.9	168.7	168.9	r 168.8	r 166.1	r 165.8	r 166.7	r 166.9	167.7	169.4	169.6
Consumers' price index (U. S. Dept. of Labor):													
All items....1935-39=100..	176.4	178.8	181.5	183.8	184.5	184.6	185.4	185.2	185.5	185.5	186.6	187.4	[1] 188.6
Apparel....do....	194.3	195.5	198.5	202.0	203.1	203.6	204.0	204.0	203.3	203.6	209.0	208.9	207.6
Food....do....	210.8	216.3	221.9	226.0	226.2	225.7	227.4	226.9	227.7	227.0	227.3	229.2	231.3
Cereals and bakery products....do....	177.6	177.7	185.4	187.1	187.5	188.3	188.2	188.4	189.0	188.7	189.4	189.4	190.2
Dairy products....do....	192.8	194.0	202.6	204.4	204.6	204.1	203.5	203.9	205.1	205.9	206.4	207.9	210.4
Fruits and vegetables....do....	195.7	203.9	214.1	224.3	217.1	214.8	221.6	219.9	218.5	208.9	205.1	210.8	223.5
Meats, poultry, and fish....do....	250.3	253.4	263.6	270.1	272.2	272.6	272.8	271.6	273.2	275.0	275.6	276.6	273.5
Fuel, electricity, and refrigeration....do....	142.5	142.8	143.3	143.9	144.2	144.0	143.6	143.6	144.0	144.2	144.4	144.6	144.8
Gas and electricity....do....	96.8	96.8	97.2	97.2	97.2	96.9	97.3	97.1	97.2	97.3	97.3	97.4	97.4
Other fuels....do....	200.8	201.7	202.3	204.5	205.0	205.0	202.4	202.8	203.7	204.2	204.9	205.8	206.3
Housefurnishings....do....	201.1	203.2	207.4	209.7	210.7	211.8	212.6	212.5	212.4	210.8	211.1	210.4	210.8
Rent....do....	132.5	132.9	133.2	134.0	134.7	135.1	135.4	135.7	136.2	136.8	137.5	138.2	132.9
Miscellaneous....do....	159.2	160.6	162.1	163.2	164.3	164.6	165.0	164.8	165.0	165.4	166.0	166.6	168.4
WHOLESALE PRICES♂													
U. S. Department of Labor indexes:‡													
All commodities....1926=100..	171.7	175.3	180.1	183.6	184.0	183.6	182.9	181.7	179.4	178.0	177.6	r 178.1	178.3
Economic classes:													
Manufactured products....do....	165.1	169.0	173.1	175.5	175.8	176.1	176.2	175.5	175.1	174.4	174.2	174.3	174.1
Raw materials....do....	184.5	187.1	192.6	199.1	199.4	197.7	195.5	194.7	189.9	187.5	187.0	r 188.7	189.6
Semimanufactured articles....do....	173.0	178.1	185.0	187.1	187.5	187.1	186.4	180.0	174.0	170.0	168.8	168.3	168.7
Farm products....do....	183.7	187.4	194.2	202.6	203.8	202.5	199.6	198.6	194.0	190.6	189.2	r 192.3	195.2
Grains....do....	172.1	180.9	186.6	192.0	188.0	189.1	185.6	178.6	178.0	180.4	181.6	187.3	195.1
Livestock and poultry....do....	197.3	204.9	222.2	238.2	241.2	240.9	234.8	235.8	233.9	233.1	227.8	225.2	212.4
Commodities other than farm products....do....	168.8	172.4	176.7	179.2	179.3	179.2	179.0	177.8	176.0	174.9	174.8	174.8	174.4
Foods....do....	175.2	179.0	182.2	187.6	186.6	185.8	187.3	186.3	186.0	187.3	188.0	r 189.4	188.8
Cereal products....do....	154.1	157.6	163.0	166.3	164.5	164.5	163.6	162.3	162.3	161.9	160.4	161.3	163.8
Dairy products....do....	164.1	164.4	171.5	173.0	170.3	166.6	164.9	163.4	167.5	169.0	170.3	173.8	178.7
Fruits and vegetables....do....	140.4	138.0	136.1	142.4	139.9	140.0	146.5	146.3	144.3	142.6	141.9	r 143.3	151.6
Meats, poultry, and fish....do....	223.4	233.7	242.7	255.2	254.5	255.1	257.2	255.2	254.6	256.9	258.4	260.8	251.8
Commodities other than farm products and foods....1926=100..	163.7	166.7	170.3	171.8	172.4	172.3	171.6	170.5	168.6	167.2	r 167.0	166.7	166.9
Building materials....do....	217.8	221.4	226.1	228.1	228.5	228.5	227.8	225.6	223.7	222.5	223.0	223.6	224.6
Brick and tile....do....	177.6	179.1	180.7	180.8	180.8	180.8	180.8	180.8	179.4	179.5	179.5	179.5	179.5
Cement....do....	140.8	141.2	147.2	147.1	147.1	147.2	147.2	147.2	147.2	147.2	147.2	147.2	147.2
Lumber....do....	347.6	348.4	356.8	359.8	361.2	361.0	358.8	352.3	347.1	342.8	343.3	344.4	345.4
Paint and paint materials....do....	148.2	154.9	162.1	164.0	164.4	164.7	163.7	161.6	159.1	158.0	159.8	161.3	164.4
Chemicals and allied products....do....	135.7	139.6	144.5	147.3	146.4	147.9	145.7	142.3	139.4	140.1	140.8	141.1	138.7
Chemicals....do....	134.3	136.1	138.1	139.0	138.2	145.0	145.2	144.1	143.1	144.4	144.7	144.7	144.7
Drugs and pharmaceutical materials..do....	163.8	175.1	184.4	185.2	185.1	184.5	185.2	185.3	184.7	184.6	184.1	184.1	169.1
Fertilizer materials....do....	112.0	115.6	118.1	118.1	118.1	117.8	117.1	115.1	119.0	117.8	118.5	120.2	122.4
Oils and fats....do....	171.5	180.9	200.4	217.3	214.6	198.7	181.0	161.2	139.3	139.8	141.9	142.6	132.0
Fuel and lighting materials....do....	135.7	135.7	136.4	138.1	138.6	138.1	137.5	137.8	137.9	138.1	138.8	r 138.9	139.1
Bituminous coal....do....	193.3	193.2	193.2	197.5	197.1	195.6	195.2	195.5	194.6	194.9	r 196.9	r 197.6	198.0
Electricity....do....	65.5	65.7	65.7	66.4	65.1	64.8	64.7	64.7	65.4	64.5	65.4	----------	----------
Gas....do....	90.5	90.2	90.0	92.2	93.8	93.3	92.9	92.9	93.8	94.1	94.7	94.6	----------
Petroleum and products....do....	118.1	118.0	119.4	119.4	120.3	120.0	119.7	120.0	120.4	120.5	120.5	120.5	120.6
Hides and leather products....do....	211.5	218.7	234.8	238.2	236.2	233.3	232.6	230.6	221.9	213.7	212.1	r 208.3	196.8
Hides and skins....do....	269.3	277.5	318.2	317.8	313.0	297.8	293.8	284.3	250.7	222.1	225.3	220.9	182.2
Leather....do....	204.9	213.8	224.8	229.1	229.2	228.7	228.2	227.5	216.8	203.8	195.5	194.5	184.0
Shoes....do....	203.7	209.3	219.4	224.6	222.0	223.5	223.8	223.3	222.4	222.1	221.8	r 215.8	210.9
Housefurnishing goods....do....	166.9	170.2	174.7	175.4	178.8	180.1	180.0	179.5	178.8	175.3	172.4	171.7	172.0
Furnishings....do....	176.6	180.6	186.2	186.9	193.4	195.9	195.9	196.3	194.6	188.2	183.1	181.8	182.0
Furniture....do....	156.7	159.2	162.7	163.2	163.2	163.1	162.9	161.5	161.9	161.6	161.2	161.1	161.5

r Revised. [1] Index on old basis for corresponding month is 189.3.

§December 1951 indexes: All farm products, 305; crops, 280; food grains, 253; feed grains and hay, 233; tobacco, 440; cotton, 339; fruit, 177; truck crops, 331; oil-bearing crops, 309; livestock and products, 328; meat animals, 379; dairy products, 314; poultry and eggs, 233.

♀Ratio of prices received to prices paid (including interest, taxes, and wage rates).

♂For actual wholesale prices of individual commodities, see respective commodities.

‡Indexes for the latest 2 months are preliminary and are currently revised to incorporate corrections received in the 2 months following. Any additional corrections received are incorporated in final annual summaries issued in the middle of the year.

978572°—52——4

COMMODITY PRICES—Continued

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950 November	1950 December	1951 January	1951 February	1951 March	1951 April	1951 May	1951 June	1951 July	1951 August	1951 September	1951 October	1951 November
WHOLESALE PRICES♂—Continued													
U. S. Department of Labor indexes:‡—Continued													
Commodities other than farm prod., etc.—Con.													
Metals and metal products .... 1926=100	180.4	184.9	187.5	188.1	188.8	189.0	188.8	188.2	187.9	188.1	189.1	191.2	191.5
Iron and steel .... do	174.0	182.1	185.7	185.7	185.6	185.9	185.9	185.9	185.9	185.9	185.9	186.0	186.1
Nonferrous metals .... do	181.7	182.5	187.9	191.1	183.5	184.1	182.8	178.2	175.6	175.3	176.4	180.4	180.8
Plumbing and heating .... do	182.5	183.6	183.7	183.7	183.7	183.7	183.7	183.5	183.6	184.6	184.4	184.2	184.1
Textile products .... do	166.8	171.4	178.2	181.1	183.2	182.8	182.1	177.7	173.2	167.5	163.2	r 157.7	159.5
Clothing .... do	151.4	155.4	161.6	163.9	163.9	163.9	164.0	164.0	164.8	165.0	164.7	r 163.8	160.4
Cotton goods .... do	231.7	236.6	239.2	240.5	239.9	236.2	234.1	228.7	218.8	206.0	196.5	r 193.7	198.9
Hosiery and underwear .... do	111.4	113.7	115.2	113.8	113.5	113.5	113.4	112.9	111.2	110.1	110.0	108.0	107.5
Rayon and nylon .... do	42.7	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
Silk .... do	69.0	75.0	86.1	90.8	90.8	85.2	76.3	73.2	71.1	68.7	72.6	75.8	76.3
Woolen and worsted goods .... do	192.7	195.6	217.4	227.3	240.2	243.7	244.5	225.3	218.2	207.4	196.7	169.9	177.8
Miscellaneous .... do	137.6	140.5	142.4	142.7	142.5	142.7	141.7	141.7	138.8	138.2	138.5	r 139.3	141.4
Tires and tubes .... do	82.3	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9
Paper and pulp .... do	178.7	189.0	196.5	196.5	196.3	196.2	196.2	196.2	197.2	198.7	199.7	200.5	201.1
PURCHASING POWER OF THE DOLLAR													
As measured by—													
Wholesale prices .... 1935-39=100	46.8	45.8	44.6	43.8	43.7	43.8	44.0	44.2	44.8	45.2	45.3	45.1	45.1
Consumers' prices .... do	56.7	55.9	55.1	54.4	54.2	54.2	53.9	54.0	53.9	53.9	53.6	53.4	53.0
Retail food prices .... do	47.4	46.2	45.1	44.2	44.2	44.3	44.0	44.1	43.9	44.1	44.0	43.6	43.2

CONSTRUCTION AND REAL ESTATE

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950 November	1950 December	1951 January	1951 February	1951 March	1951 April	1951 May	1951 June	1951 July	1951 August	1951 September	1951 October	1951 November
CONSTRUCTION ACTIVITY													
New construction, total .... mil. of dol	2,569	2,234	r 2,094	r 1,969	r 2,198	r 2,388	r 2,584	r 2,737	r 2,797	r 2,843	r 2,827	r 2,709	2,495
Private, total .... do	1,901	1,721	1,586	1,518	r 1,614	r 1,691	r 1,787	r 1,879	r 1,915	r 1,916	r 1,899	r 1,805	1,692
Residential (nonfarm) .... do	1,131	1,003	902	827	r 862	r 898	r 922	r 959	r 968	r 954	r 954	r 945	915
New dwelling units .... do	1,040	923	830	750	r 785	r 810	r 825	r 855	r 860	r 845	r 845	840	815
Additions and alterations .... do	73	62	55	60	61	r 72	r 81	88	r 91	92	93	r 91	86
Nonresidential building, except farm and public utility, total .... mil. of dol	403	395	378	384	r 400	r 409	r 442	463	465	459	451	r 393	343
Industrial .... do	120	125	129	135	r 143	r 152	r 168	178	190	198	202	r 178	155
Commercial .... do	149	140	122	121	128	125	130	131	120	108	100	83	75
Farm construction .... do	81	71	72	76	83	95	113	126	134	140	130	108	92
Public utility .... do	279	247	229	226	264	283	305	326	343	357	358	353	336
Public, total .... do	668	513	r 508	r 451	r 584	r 697	r 797	r 858	r 882	r 927	r 928	r 904	803
Residential .... do	31	30	r 29	r 30	r 37	r 42	r 45	r 48	r 49	r 55	r 63	r 67	69
Nonresidential building .... do	228	216	r 225	r 212	r 255	r 283	r 298	r 305	r 308	r 312	r 302	r 289	269
Military and naval .... do	26	24	r 24	29	r 41	r 56	r 68	r 75	r 88	r 108	r 122	r 137	148
Highway .... do	221	103	95	65	110	160	215	250	260	280	275	250	170
Conservation and development .... do	76	65	r 62	49	r 61	r 69	r 76	r 84	r 82	r 80	r 78	r 77	74
Other types .... do	86	75	73	66	r 80	r 87	r 95	r 96	r 95	r 92	r 88	r 84	73
CONTRACT AWARDS													
Construction contracts awarded in 37 States (F. W. Dodge Corp.):													
Total projects .... number	46,856	40,168	38,121	42,057	48,376	49,498	52,700	44,755	44,334	46,319	42,435	42,735	36,323
Total valuation .... thous. of dol	1,087,062	1,168,432	1,043,248	1,140,527	1,267,450	1,374,991	2,572,961	1,408,932	1,379,830	1,262,811	1,082,855	1,051,419	931,768
Public ownership .... do	320,426	381,330	305,941	332,032	418,457	456,319	1,474,166	583,146	615,370	486,452	317,731	306,604	323,736
Private ownership .... do	766,636	787,102	737,307	808,495	848,993	918,672	1,098,795	825,786	764,460	776,359	765,124	744,815	608,032
Nonresidential buildings:													
Projects .... number	4,868	4,532	4,614	3,198	4,222	4,259	4,421	4,463	4,496	4,170	4,558	4,775	3,618
Floor area .... thous. of sq. ft	41,472	40,069	43,971	37,099	43,301	41,473	44,804	41,162	39,926	36,700	36,273	34,782	27,611
Valuation .... thous. of dol	434,894	490,375	461,016	431,166	469,254	518,021	1,633,908	553,280	536,533	475,957	404,462	418,203	327,706
Residential buildings:													
Projects .... number	40,368	34,152	32,455	37,742	42,497	43,197	45,856	37,588	37,173	39,864	35,789	36,152	31,162
Floor area .... thous. of sq. ft	60,810	56,353	49,300	60,859	65,761	65,180	73,596	60,496	58,823	60,372	52,438	52,454	47,248
Valuation .... thous. of dol	496,682	478,583	420,918	531,146	574,569	590,848	661,094	545,152	548,144	567,566	479,716	496,247	443,884
Public works:													
Projects .... number	1,235	1,151	773	838	1,318	1,583	2,016	2,204	2,151	1,927	1,756	1,457	1,233
Valuation .... thous. of dol	106,572	160,227	128,536	123,962	166,435	183,080	186,868	183,973	190,884	160,368	141,335	101,903	117,809
Utilities:													
Projects .... number	385	333	279	279	339	459	407	500	514	358	332	351	310
Valuation .... thous. of dol	48,914	39,247	32,778	54,253	57,192	83,042	91,091	126,527	104,269	58,920	57,342	35,066	42,369
Value of contract awards (F. R. indexes):													
Total, unadjusted .... 1923-25=100	276	268	272	280	307	424	435	436	329	303	276	r 249	242
Residential, unadjusted .... do	272	253	259	276	307	331	325	317	301	289	279	r 257	233
Total, adjusted .... do	306	332	333	323	304	373	361	374	303	291	275	r 261	269
Residential, adjusted .... do	284	297	312	311	292	283	276	289	298	292	279	r 265	243
Engineering construction:													
Contract awards (E. N. R.)§ .... thous. of dol	1,012,046	1,424,619	1,266,892	1,271,065	1,406,456	1,053,434	1,267,995	1,027,087	1,378,640	1,145,715	917,158	1,026,973	1,024,775
Highway concrete pavement contract awards:⊙													
Total .... thous. of sq. yd	3,084	[1] 3,738	5,650	4,836	4,920	4,959	5,946	7,562	9,248	4,508	4,342	2,856	3,757
Airports .... do	299	[1] 28	200	1,222	690	966	1,278	2,841	4,335	714	458	275	671
Roads .... do	1,314	[1] 2,065	3,199	2,400	2,326	1,957	2,329	1,939	2,840	1,436	1,681	803	1,814
Streets and alleys .... do	1,471	[1] 1,645	2,252	1,214	1,904	2,036	2,339	2,782	2,073	2,358	2,202	1,777	1,271

r Revised. [1] Data include some contracts awarded in prior months but not reported.
♂For actual wholesale prices of individual commodities, see respective commodities.
‡See note marked "‡" on p. S-5.
§Data for November 1950 and March, May, August, and November 1951 are for 5 weeks; other months, 4 weeks.
⊙Data for November 1950 and January, May, August, and November 1951 are for 5 weeks; other months, 4 weeks.

CONSTRUCTION AND REAL ESTATE—Continued

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950 November	1950 December	1951 January	1951 February	1951 March	1951 April	1951 May	1951 June	1951 July	1951 August	1951 September	1951 October	1951 November
NEW DWELLING UNITS AND URBAN BUILDING													
New permanent nonfarm dwelling units started (U. S. Department of Labor)....number..	87,300	93,600	85,900	80,600	93,800	96,200	101,000	132,500	90,500	r 89,100	r 96,400	86,000	[1] 76,000
Urban building authorized (U. S. Dept. of Labor):													
New urban dwelling units, total....number..	49,129	59,551	52,726	43,572	54,283	53,932	57,703	83,912	46,056	48,392	50,887	43,102	34,977
Privately financed, total....do....	44,588	44,697	49,576	39,717	50,660	50,360	54,626	47,055	41,657	46,686	49,777	42,109	32,662
Units in 1-family structures....do....	36,244	34,810	39,847	32,958	41,198	42,696	43,957	37,860	33,291	38,074	40,294	35,552	27,766
Units in 2-family structures....do....	2,056	1,747	2,813	2,111	2,816	2,843	2,514	2,622	2,396	2,631	2,979	2,439	1,762
Units in multifamily structures....do....	6,288	8,140	6,916	4,648	6,646	4,821	8,155	6,573	5,970	5,981	6,504	4,118	3,134
Publicly financed, total....do....	4,541	14,854	3,150	3,855	3,623	3,572	3,077	36,857	4,399	1,706	1,110	993	2,315
Indexes of urban building authorized:													
Number of new dwelling units....1935-39=100..	r 285.5	322.1	286.9	235.2	295.5	310.5	319.8	473.2	259.1	281.9	301.0	249.0	201.7
Valuation of building, total....do....	r 417.5	460.2	433.7	334.7	440.2	444.2	464.7	563.8	401.9	437.0	474.2	372.8	302.9
New residential building....do....	r 574.8	654.3	581.2	507.8	617.5	678.3	692.3	1,021.8	558.7	601.6	680.9	533.1	426.5
New nonresidential building....do....	r 338.2	374.8	348.8	224.6	340.5	302.0	308.8	260.7	289.5	333.3	357.1	255.9	229.2
Additions, alterations, and repairs....do....	r 270.5	249.7	322.8	231.2	300.5	287.3	357.6	320.5	340.8	336.3	314.2	315.9	216.2
CONSTRUCTION COST INDEXES													
Department of Commerce composite....1939=100..	227.6	230.4	232.9	r 234.8	r 234.8	r 236.2	r 237.1	r 237.4	237.4	r 237.6	r 238.5	r 239.5	239.0
Aberthaw (industrial building)....1914=100..	----	339	----	----	357	----	----	373	----	----	374	----	----
American Appraisal Co.:													
Average, 30 cities....1913=100..	514	517	523	524	525	527	528	531	535	535	536	538	538
Atlanta....do....	541	543	550	550	550	556	557	557	557	561	561	562	562
New York....do....	535	536	541	542	542	544	545	545	545	545	546	548	548
San Francisco....do....	475	477	484	485	485	488	490	490	495	495	495	495	494
St. Louis....do....	501	504	511	511	512	512	512	529	530	530	532	532	532
Associated General Contractors (all types)....do....	371	371	374	374	376	376	378	379	379	378	377	379	378
E. H. Boeckh and Associates, Inc.:													
Average, 20 cities:													
Apartments, hotels, and office buildings:													
Brick and concrete..U. S. avg. 1926-29=100..	222.9	224.7	228.2	229.6	230.5	230.7	232.6	233.2	233.4	233.5	234.2	235.1	235.1
Brick and steel....do....	223.9	226.4	229.9	231.6	232.6	232.8	234.3	234.6	234.6	234.8	235.6	236.4	236.4
Brick and wood....do....	233.7	236.9	240.1	242.7	243.3	243.6	245.0	244.9	244.2	244.4	245.7	246.8	246.9
Commercial and factory buildings:													
Brick and concrete....do....	224.8	226.3	230.0	231.3	232.1	232.2	234.5	235.0	235.4	235.5	236.1	236.8	236.9
Brick and steel....do....	223.4	225.9	230.0	231.9	232.6	232.7	234.5	234.9	235.1	235.2	235.8	236.5	236.5
Brick and wood....do....	229.3	232.4	235.6	238.1	238.7	238.9	240.4	240.5	240.2	240.4	241.5	242.5	242.5
Frame....do....	237.9	241.3	244.5	247.1	247.7	248.0	249.0	248.7	247.7	248.0	249.7	251.1	251.1
Steel....do....	208.2	211.0	215.6	217.7	218.4	218.5	219.7	220.2	220.5	220.5	221.0	221.5	221.5
Residences:													
Brick....do....	234.2	237.4	240.5	243.1	243.7	243.8	245.1	245.1	244.6	244.8	246.1	247.3	247.3
Frame....do....	232.7	236.1	239.1	241.7	242.3	242.5	243.6	243.4	242.5	242.8	244.3	245.6	245.7
Engineering News-Record: ♂													
Building....1913=100..	390.1	391.8	397.0	398.0	398.8	r 401.1	400.8	400.4	400.1	r 399.9	403.4	404.5	405.6
Construction....do....	528.7	530.7	536.7	537.9	538.7	r 542.9	542.7	542.4	542.8	r 542.6	546.5	547.2	547.7
Bu. of Public Roads—Highway construction:													
Composite, standard mile....1925-29=100..	----	155.7	----	----	159.7	----	----	161.8	----	----	164.8	----	----
CONSTRUCTION MATERIALS													
Production of selected construction materials, index:													
Unadjusted....1939=100..	173.2	155.6	156.5	142.5	168.6	169.5	180.9	175.4	156.8	r 176.5	r 163.6	p 178.6	----
Adjusted....do....	174.8	176.0	183.3	172.7	178.4	170.5	171.0	163.9	147.4	r 155.9	r 152.2	p 161.2	----
REAL ESTATE													
Home mortgages insured or guaranteed by—													
Fed. Hous. Adm.: New premium paying....thous. of dol..	235,742	204,030	224,671	175,821	180,081	161,584	164,669	146,237	145,738	153,744	131,485	144,596	140,528
Vet. Adm.: Principal amount....do....	356,491	350,366	360,574	324,755	293,236	298,950	291,906	283,195	275,375	324,238	279,167	296,748	308,639
Federal Home Loan Banks, outstanding advances to member institutions....mil. of dol..	767	816	758	747	752	762	774	816	770	752	747	760	781
New mortgage loans of all savings and loan associations, estimated total....thous. of dol..	393,857	370,681	384,008	351,142	440,210	437,967	475,383	473,885	439,615	486,435	439,398	486,999	430,482
By purpose of loan:													
Home construction....do....	123,134	117,079	129,183	112,008	141,496	140,567	153,678	149,225	132,330	149,788	139,951	154,763	128,665
Home purchase....do....	182,978	163,447	153,984	148,936	190,539	193,359	213,666	219,331	207,123	224,819	200,025	220,506	202,159
Refinancing....do....	32,002	36,579	38,786	34,473	40,879	39,685	38,687	38,289	37,613	42,184	36,551	42,794	37,920
Repairs and reconditioning....do....	13,804	13,693	13,311	12,638	16,948	16,285	18,870	18,107	17,831	18,917	17,571	18,558	14,785
All other purposes....do....	41,939	39,883	48,744	43,087	50,348	48,071	50,482	48,933	44,718	50,727	45,300	50,378	46,953
New nonfarm mortgages recorded ($20,000 and under), estimated total....thous. of dol..	1,457,073	1,320,895	1,331,083	1,182,753	1,369,284	1,370,848	1,443,538	1,422,262	1,370,201	1,448,967	1,308,421	1,483,786	----
Nonfarm foreclosures, adjusted index.1935-39=100..	11.9	12.8	12.9	12.6	12.1	11.2	11.3	11.2	11.0	12.0	11.6	----	----
Fire losses....thous. of dol..	55,790	66,820	68,686	69,136	71,507	62,965	58,744	56,403	52,220	55,416	53,398	54,660	60,064

DOMESTIC TRADE

	1950 November	1950 December	1951 January	1951 February	1951 March	1951 April	1951 May	1951 June	1951 July	1951 August	1951 September	1951 October	1951 November
ADVERTISING													
Advertising indexes, adjusted:													
Printers' Ink, combined index....1935-39=100..	377	371	394	388	377	393	394	385	410	418	411	429	427
Magazines....do....	342	319	347	344	343	338	355	350	368	376	379	403	347
Newspapers....do....	344	338	302	314	296	337	324	303	314	319	304	307	317
Outdoor....do....	359	372	356	380	327	340	323	331	319	340	314	341	347
Radio....do....	287	272	283	281	280	286	286	283	279	269	239	257	258
Tide advertising index....do....	309.1	290.1	318.8	335.5	324.2	332.9	328.4	328.9	294.7	318.9	327.0	315.2	316.7
Radio advertising:													
Cost of facilities, total....thous. of dol..	15,794	15,833	r 16,692	r 14,959	r 16,419	r 15,906	r 16,577	r 14,853	r 11,731	r 11,789	r 11,849	14,948	14,377
Automotive, incl. accessories....do....	355	399	538	349	378	385	379	303	227	256	299	377	339
Drugs and toiletries....do....	4,415	4,277	4,826	4,192	4,452	4,535	4,829	4,375	3,124	3,060	3,085	3,991	3,699
Electric household equipment....do....	142	134	147	128	144	139	147	129	137	143	153	266	274
Financial....do....	234	259	251	248	303	276	288	294	269	298	278	307	315
Foods, soft drinks, confectionery....do....	4,319	4,240	r 4,686	r 4,237	r 4,669	r 4,428	r 4,592	r 3,940	r 3,263	r 3,310	r 3,240	4,170	4,127
Gasoline and oil....do....	545	563	570	515	549	465	479	454	432	440	402	459	445
Soap, cleansers, etc....do....	1,786	1,831	1,603	1,445	1,659	1,647	1,785	1,649	1,073	1,204	1,275	1,631	1,546
Smoking materials....do....	1,781	1,797	1,844	1,698	1,958	1,901	1,914	1,831	1,375	1,331	1,269	1,855	1,841
All others....do....	2,217	2,332	2,228	2,148	2,308	2,130	2,162	1,878	1,832	1,747	1,848	1,893	1,793

r Revised. p Preliminary. [1] Data for December 1951, 62,000. ♂ Data reported at the beginning of each month are shown here for the previous month.

DOMESTIC TRADE—Continued

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950 November	1950 December	1951 January	1951 February	1951 March	1951 April	1951 May	1951 June	1951 July	1951 August	1951 September	1951 October	1951 November
ADVERTISING—Continued													
Magazine advertising:													
Cost, total ......thous. of dol..	r 51,102	40,673	30,863	42,904	52,246	55,993	52,737	47,445	34,694	35,961	54,263	61,987	55,520
Apparel and accessories ......do....	r 3,719	3,000	1,632	3,183	5,334	5,007	4,623	3,187	879	3,484	6,681	5,635	4,232
Automotive, incl. accessories ......do....	r 4,053	2,519	2,908	3,213	3,613	3,956	3,835	3,828	3,308	3,400	4,154	4,587	3,635
Building materials ......do....	r 1,530	745	1,033	1,377	2,455	3,063	2,933	2,505	1,483	1,395	3,136	2,962	1,937
Drugs and toiletries ......do....	r 6,153	5,268	4,359	5,710	6,264	6,582	5,845	6,217	5,459	4,568	6,024	6,963	6,674
Foods, soft drinks, confectionery ......do....	r 7,489	5,825	4,979	7,398	7,781	7,391	6,628	6,378	5,838	5,274	6,617	8,929	7,881
Beer, wine, liquors ......do....	r 2,711	3,789	1,602	2,067	2,464	2,752	2,695	2,541	2,354	1,952	2,451	3,118	3,254
Household equipment and supplies ......do....	r 3,891	3,136	1,106	2,153	3,525	4,072	3,949	3,652	1,654	1,668	3,952	4,713	3,839
Household furnishings ......do....	r 3,088	1,753	894	1,502	2,696	3,581	3,477	2,201	840	1,007	3,368	4,302	3,306
Industrial materials ......do....	r 2,268	1,691	1,668	2,034	2,693	3,150	2,735	3,320	2,234	2,310	3,240	3,704	3,309
Soaps, cleansers, etc ......do....	1,324	811	765	1,167	1,289	1,762	1,525	1,518	942	956	1,185	1,612	1,361
Smoking materials ......do....	r 1,414	1,429	1,137	1,241	1,267	1,324	1,381	1,661	1,478	1,138	1,341	1,235	1,170
All other ......do....	r 13,462	10,707	8,781	11,859	12,864	13,353	13,111	10,436	8,236	8,808	12,119	14,229	14,722
Linage, total ......thous. of lines..	3,958	3,106	3,520	4,050	4,464	4,531	3,926	3,221	3,260	3,934	4,845	4,849	4,129
Newspaper advertising:													
Linage, total (52 cities) ......do....	226,880	217,856	173,177	176,831	218,341	226,647	226,207	202,047	178,389	192,528	211,499	228,673	230,083
Classified ......do....	42,944	39,099	42,772	40,355	49,358	52,165	53,766	49,861	48,762	50,887	51,465	51,844	47,780
Display, total ......do....	183,936	178,757	130,405	136,475	168,984	174,482	172,441	152,186	129,627	141,640	160,033	176,829	182,304
Automotive ......do....	11,721	8,395	8,165	7,482	8,710	10,158	11,509	10,814	9,807	9,574	7,889	9,811	9,519
Financial ......do....	2,267	2,347	3,332	2,205	2,724	2,627	2,455	2,214	2,846	1,852	2,234	2,732	2,417
General ......do....	39,502	29,682	24,066	29,435	33,886	38,078	36,120	30,166	23,690	23,364	30,318	37,983	34,510
Retail ......do....	130,447	138,334	94,841	97,353	123,664	123,619	122,357	108,992	93,284	106,851	119,592	126,303	135,858
POSTAL BUSINESS													
Money orders, issued (50 cities):§													
Domestic:													
Number ......thousands..	4,413	4,662	4,826	4,454	5,536	7,183	6,756	7,731	6,238	6,485	6,333	7,168	6,878
Value ......thous. of dol..	102,139	97,712	107,031	99,820	124,277	128,681	122,605	121,273	116,606	118,392	114,593	126,545	121,892
PERSONAL CONSUMPTION EXPENDITURES													
Seasonally adjusted quarterly totals at annual rates:													
Goods and services, total ......bil. of dol..		198.4			208.2			201.7			202.5		
Durable goods, total ......do....		29.4			31.5			25.9			25.3		
Automobiles and parts ......do....		12.9			12.5			10.8			9.6		
Furniture and household equipment ......do....		12.4			14.8			11.1			11.6		
Other durable goods ......do....		4.1			4.3			4.0			4.1		
Nondurable goods, total ......do....		104.9			111.5			109.5			110.0		
Clothing and shoes ......do....		19.2			20.4			19.5			19.4		
Food and alcoholic beverages ......do....		62.7			67.0			66.9			67.3		
Gasoline and oil ......do....		5.2			5.4			5.1			5.2		
Semidurable housefurnishings ......do....		2.0			2.4			2.0			2.1		
Tobacco ......do....		4.5			4.7			4.8			4.8		
Other nondurable goods ......do....		11.2			11.6			11.2			11.1		
Services ......do....		64.0			65.2			66.2			67.2		
Household operation ......do....		9.8			10.1			10.2			10.3		
Housing ......do....		20.5			20.9			21.3			21.6		
Personal services ......do....		3.9			3.9			3.9			4.0		
Recreation ......do....		3.9			3.9			3.9			4.0		
Transportation ......do....		5.3			5.4			5.6			5.7		
Other services ......do....		20.7			21.0			21.3			21.6		
RETAIL TRADE													
All types of retail stores:†													
Estimated sales (unadjusted), total..mil. of dol..	r 11,919	r 14,844	r 12,187	r 11,192	r 12,932	r 11,898	r 12,736	r 12,660	r 11,543	r 12,507	r 12,409	r 13,186	12,675
Durable-goods stores ♀ ......do....	r 4,015	r 4,691	r 4,497	r 4,143	r 4,599	r 4,316	r 4,623	r 4,520	r 4,037	r 4,409	r 4,189	r 4,450	3,987
Automotive group ......do....	2,006	2,252	2,448	r 2,294	r 2,487	r 2,227	r 2,383	r 2,343	r 2,089	r 2,287	2,121	2,142	1,878
Motor-vehicle dealers ......do....	1,878	2,068	2,296	2,163	2,343	2,092	2,245	2,202	1,956	2,144	1,988	2,000	1,742
Parts and accessories ......do....	128	184	151	r 131	r 144	r 134	r 138	140	133	r 143	133	142	136
Building materials and hardware group ♀ mil. of dol..	856	811	816	726	862	915	1,005	970	900	949	904	r 1,023	860
Lumber and building materials ......do....	629	506	598	525	627	673	734	715	674	713	667	r 764	615
Hardware ......do....	227	305	218	201	234	242	271	255	226	236	237	259	245
Homefurnishings group ......do....	678	866	704	649	659	596	617	606	546	642	633	r 698	704
Furniture and housefurnishings ......do....	412	516	392	358	396	377	408	392	349	406	388	r 437	441
Household appliances and radios ......do....	266	350	312	292	263	220	210	214	197	236	245	261	264
Jewelry stores ......do....	106	263	82	70	79	81	90	96	71	79	80	89	109
Other durable-goods stores ♀ ......do....	369	r 500	r 448	r 402	r 512	r 498	r 528	505	r 430	r 453	r 451	r 498	435
Nondurable-goods stores ♀ ......do....	r 7,904	10,153	7,690	7,049	8,333	7,582	8,114	8,140	7,506	r 8,098	8,220	r 8,736	8,688
Apparel group ......do....	874	1,307	791	622	912	729	814	792	588	648	820	r 899	947
Men's clothing and furnishings ......do....	214	350	205	149	188	154	176	193	139	133	163	196	223
Women's apparel and accessories ......do....	342	475	294	241	358	303	322	290	212	262	336	r 370	380
Family and other apparel ......do....	199	306	168	134	200	152	172	163	125	138	176	199	216
Shoes ......do....	120	175	124	99	165	120	144	147	111	114	145	135	127
Drug stores ......do....	342	460	352	344	380	349	365	369	361	367	359	375	361
Eating and drinking places ♀ ......do....	876	944	901	811	933	909	962	960	945	1,003	985	r 1,008	933
Food group ♀ ......do....	2,769	3,205	2,866	2,736	3,135	2,846	3,058	3,156	3,020	r 3,211	3,160	3,141	3,152
Grocery and combination ......do....	2,217	2,620	2,303	2,218	2,549	2,290	2,458	2,561	2,410	2,584	2,546	2,516	2,550
Other food ♀ ......do....	551	585	562	518	585	556	600	594	610	628	614	625	602
Gasoline service stations ......do....	641	686	664	609	677	678	714	718	720	734	699	737	713
General-merchandise group ......do....	1,629	2,493	1,300	1,155	1,458	1,323	1,448	1,413	1,181	1,388	1,465	r 1,617	1,745
Department, including mail-order ♀ ......do....	1,043	1,525	830	721	881	807	872	840	680	825	889	r 999	1,107
Variety ......do....	220	466	170	170	236	190	211	216	197	r 216	216	236	245
Other general-merchandise stores ......do....	366	502	300	264	341	326	366	358	304	347	361	r 382	393

r Revised.
§Data on domestic money orders paid were discontinued by the compiling agency July 1951.
†Revised series. Estimates of sales and inventories for all types of retail stores and data on sales of chain stores and mail-order houses have been revised in general back to 1940; some components were revised beginning 1935. For data for earlier periods (through 1947 for sales and 1950 for inventories) and appropriate explanations, see pp. 15–24 of the October 1951 SURVEY; sales figures beginning 1948 have been further revised since the October SURVEY and are available upon request.
♀ Revised beginning 1935.

DOMESTIC TRADE—Continued

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950 November	1950 December	1951 January	1951 February	1951 March	1951 April	1951 May	1951 June	1951 July	1951 August	1951 September	1951 October	1951 November
RETAIL TRADE—Continued													
All types of retail stores†—Continued													
Estimated sales (unadjusted), total—Continued													
Nondurable-goods stores ♀—Continued													
Other nondurable-goods stores ♀ ... mil. of dol.	774	1,059	816	772	838	749	752	732	692	746	731	r 958	837
Liquor ... do	233	396	212	207	220	195	204	210	186	200	211	r 347	220
All other ♀ ... do	541	663	604	565	618	554	548	522	506	547	520	611	617
Estimated sales (adjusted), total ... do	r 11,768	r 12,611	r 13,612	r 13,343	r 12,653	r 12,307	r 12,431	r 12,260	r 12,077	r 12,448	r 12,276	r 12,566	12,469
Durable-goods stores ♀ ... do	r 4,100	r 4,564	r 5,149	r 5,071	r 4,609	r 4,298	r 4,291	r 4,207	r 3,987	r 4,154	r 4,155	r 4,209	4,051
Automotive group ... do	2,156	2,481	2,638	r 2,667	r 2,359	r 2,142	r 2,219	r 2,176	r 1,990	2,131	2,116	2,150	2,011
Motor-vehicle dealers ... do	2,029	2,322	2,450	2,486	2,200	2,002	2,088	2,051	1,867	2,003	1,977	2,017	1,878
Parts and accessories ... do	127	159	r 188	r 181	r 159	r 140	r 131	r 125	r 123	r 128	139	132	134
Building materials and hardware group ♀ do	827	840	1,034	998	965	936	903	880	878	858	838	r 869	824
Lumber and building materials ... do	603	595	755	727	707	696	663	645	651	625	597	r 629	583
Hardware ... do	224	245	279	272	258	240	240	235	226	233	241	241	242
Homefurnishings group ... do	635	676	836	794	693	641	588	592	592	630	634	r 637	660
Furniture and housefurnishings ... do	383	415	479	448	416	398	372	373	384	r 399	388	r 401	410
Household appliances and radios ... do	252	261	357	346	277	243	216	220	208	231	246	235	250
Jewelry stores ... do	98	104	111	100	103	104	96	95	94	92	94	93	101
Other durable-goods stores ♀ ... do	r 384	r 463	r 530	r 512	r 488	r 475	r 485	r 464	r 434	r 443	r 474	r 461	455
Nondurable-goods stores ♀ ... do	7,668	8,047	8,463	8,272	8,044	8,009	8,140	8,053	8,089	r 8,294	8,122	r 8,357	8,418
Apparel group ... do	789	826	936	850	776	789	827	785	818	819	777	r 819	846
Men's clothing and furnishings ... do	186	189	221	209	171	180	187	175	201	197	170	185	192
Women's apparel and accessories ... do	305	330	358	317	297	310	321	310	307	314	314	r 325	336
Family and other apparel ... do	172	178	200	186	177	175	181	170	176	174	165	176	186
Shoes ... do	126	129	157	139	131	124	138	130	135	134	128	132	133
Drug stores ... do	352	358	369	379	382	364	368	371	369	372	368	373	371
Eating and drinking places ♀ ... do	897	910	937	940	958	925	958	950	929	942	943	r 947	955
Food group ♀ ... do	2,803	2,927	3,020	3,031	3,012	2,997	3,056	3,042	3,065	r 3,161	3,084	3,076	3,180
Grocery and combination ... do	2,253	2,383	2,433	2,445	2,434	2,417	2,455	2,462	2,454	r 2,553	2,491	2,469	2,584
Other food ♀ ... do	550	544	586	586	578	580	601	580	611	608	593	607	596
Gasoline service stations ... do	644	681	724	722	715	694	681	690	663	683	685	706	715
General-merchandise group ♀ ... do	1,413	1,538	1,658	1,523	1,422	1,449	1,478	1,454	1,469	1,535	1,488	r 1,484	1,514
Department, including mail-order ♀ ... do	858	955	1,061	951	853	882	883	884	905	926	905	r 885	912
Variety ... do	209	230	232	222	222	223	234	227	237	245	231	r 237	231
Other general merchandise stores ... do	346	353	365	349	346	344	362	343	327	364	352	r 362	370
Other nondurable-goods stores ♀ ... do	770	807	820	826	780	790	772	761	775	781	776	r 952	837
Liquor ... do	216	226	234	242	219	220	222	221	221	227	222	r 347	203
All other ♀ ... do	554	581	586	584	560	570	550	541	554	554	554	r 606	635
Estimated inventories:†													
Unadjusted, total ... do	19,015	17,071	17,871	19,131	20,757	20,837	20,570	19,718	18,777	18,715	18,882	r 19,299	19,651
Durable-goods stores ... do	8,261	7,923	8,177	8,577	9,760	9,990	9,870	9,583	9,072	8,638	8,465	r 8,553	8,596
Nondurable-goods stores ... do	10,754	9,148	9,694	10,554	10,997	10,847	10,700	10,135	9,705	10,077	10,417	r 10,746	11,055
Adjusted, total ... do	17,704	17,793	18,455	19,044	19,743	20,346	20,643	20,282	20,045	19,429	18,761	r 18,545	18,408
Durable-goods stores ... do	8,060	8,095	8,257	8,484	9,197	9,598	9,684	9,562	9,494	9,154	8,693	r 8,679	8,534
Automotive group ... do	2,444	2,368	2,341	2,435	2,849	3,151	3,239	3,141	3,058	2,921	2,717	r 2,744	2,759
Building materials and hardware group mil. of dol.	2,105	2,232	2,289	2,323	2,364	2,347	2,349	2,367	2,436	2,393	2,303	r 2,399	2,280
Homefurnishings group ... do	1,692	1,685	1,779	1,822	1,950	1,989	1,985	1,977	1,940	1,828	1,770	r 1,664	1,656
Jewelry stores ... do	607	593	606	628	651	668	655	639	632	635	596	r 567	556
Other durable-goods stores ... do	1,212	1,217	1,242	1,276	1,383	1,443	1,456	1,438	1,428	1,377	1,307	r 1,305	1,283
Nondurable-goods stores ... do	9,644	9,698	10,198	10,560	10,546	10,748	10,959	10,720	10,551	10,275	10,068	r 9,866	9,874
Apparel group ... do	2,158	2,198	2,325	2,398	2,239	2,356	2,498	2,586	2,588	2,475	2,386	r 2,299	2,285
Drug stores ... do	658	644	673	707	711	719	723	704	710	702	699	r 712	654
Food group ... do	1,919	1,974	2,085	2,144	2,156	2,080	2,072	1,994	1,909	1,873	1,941	r 1,929	2,006
General-merchandise group ... do	3,122	3,117	3,252	3,401	3,484	3,613	3,625	3,446	3,423	3,327	3,193	r 3,056	2,978
Other nondurable-goods stores ... do	1,787	1,765	1,863	1,910	1,956	1,980	2,041	1,990	1,921	1,898	1,849	r 1,870	1,951
Chain stores and mail-order houses:† ♂													
Sales, estimated, total ... do	2,724	3,711	2,491	2,333	2,856	2,560	2,794	2,838	2,524	2,752	2,807	r 3,008	3,000
Apparel group ... do	227	351	183	162	277	201	240	237	175	186	237	r 246	252
Men's wear ... do	33	52	27	21	32	24	27	28	19	18	25	31	35
Women's wear ... do	91	140	70	66	114	84	100	94	73	80	99	r 104	106
Shoes ... do	56	87	48	42	78	54	68	70	51	53	68	62	61
Automotive parts and accessories ... do	40	67	43	39	37	37	43	50	48	55	47	49	46
Building materials ... do	101	79	87	74	82	94	103	102	98	103	105	r 120	93
Drug stores ... do	68	102	71	71	76	69	71	73	73	74	72	77	73
Eating and drinking places ... do	59	65	62	56	63	62	65	63	66	66	64	r 66	63
Furniture and housefurnishings ... do	50	69	41	39	44	40	45	45	39	47	46	r 54	54
General-merchandise group ... do	874	1,362	648	591	786	718	798	803	692	812	831	r 905	962
Department, dry goods, and general merchandise ... mil. of dol.	528	800	386	348	473	452	511	518	438	516	536	r 567	590
Mail-order (catalog sales) ... do	147	163	107	90	102	93	96	90	76	101	100	r 125	152
Variety ... do	183	380	141	141	195	158	175	179	163	179	179	r 196	203
Grocery and combination ... do	858	1,031	893	871	1,023	902	973	1,017	906	954	956	970	992
Indexes of sales:† ♂													
Unadjusted, combined index ... 1935-39=100	373.9	485.4	334.8	336.2	358.3	355.4	371.6	367.0	345.1	358.1	382.4	r 393.5	409.3
Adjusted, combined index ... do	350.3	374.7	391.7	381.5	367.0	361.6	370.3	368.0	372.0	381.1	372.9	r 382.2	385.0
Apparel group ... do	284.1	300.7	320.3	301.9	290.5	274.5	304.6	292.8	301.5	303.5	293.4	r 302.1	311.5
Men's wear ... do	205.1	219.5	237.9	225.0	179.2	193.8	200.1	194.3	228.2	215.3	183.0	201.6	209.0
Women's wear ... do	308.4	330.5	343.0	324.4	321.1	307.5	331.3	323.8	324.4	328.3	331.9	r 341.2	355.6
Shoes ... do	214.2	218.5	241.3	226.7	232.5	195.4	239.6	223.5	226.3	234.9	226.8	r 228.0	230.0
Automotive parts and accessories ... do	229.7	271.7	345.8	319.7	229.3	223.6	222.2	248.4	233.6	265.1	272.4	r 265.5	263.2
Building materials ... do	354.9	359.0	400.4	396.3	369.6	369.6	351.3	335.6	343.7	331.5	321.2	r 324.9	325.9
Drug stores ... do	231.5	241.2	246.1	255.7	251.8	241.2	239.2	247.6	247.3	249.7	251.4	r 253.1	250.0
Eating and drinking places ... do	262.0	265.2	269.6	264.3	266.7	264.9	276.8	271.6	278.8	272.5	271.2	r 273.5	271.5
Furniture and housefurnishings ... do	420.8	455.2	508.0	463.4	431.9	409.5	399.9	417.5	397.3	404.8	418.2	r 452.2	454.0
General-merchandise group ... do	371.2	399.6	443.5	414.5	393.9	383.4	399.7	388.4	402.8	417.4	392.2	r 399.0	406.2
Department, dry goods, and general merchandise ... 1935-39=100	514.1	554.3	635.5	596.8	559.5	535.8	558.1	540.7	560.9	590.6	551.0	r 556.6	570.0
Mail-order ... do	296.1	319.4	347.8	303.6	281.7	280.9	292.3	286.6	295.6	283.7	273.2	r 283.8	302.0
Variety ... do	232.6	251.0	258.2	247.6	247.2	248.1	260.0	252.3	264.2	272.4	257.2	r 263.5	257.6
Grocery and combination ... do	401.8	426.5	417.9	423.1	423.8	427.5	434.5	440.8	439.1	452.8	r 447.8	r 445.9	459.1

r Revised.
† Revised series ; see note marked "†" on p. S-8. ♀ Revised beginning 1935. ♂ Revisions prior to August 1950 are available upon request.

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950 November	1950 December	1951 January	1951 February	1951 March	1951 April	1951 May	1951 June	1951 July	1951 August	1951 September	1951 October	1951 November
DOMESTIC TRADE—Continued													
RETAIL TRADE—Continued													
Department stores:													
Accounts receivable, end of month:													
Charge accounts ... 1941 average=100	233	314	269	236	227	220	224	218	195	196	r 215	r 230	258
Instalment accounts ... do	259	276	269	262	255	244	235	226	215	214	218	226	240
Ratio of collections to accounts receivable:													
Charge accounts ... percent	51	49	50	46	50	47	49	49	46	48	47	50	50
Instalment accounts ... do	17	18	19	17	19	18	18	19	18	19	19	r 21	20
Sales by type of payment:													
Cash sales ... percent of total sales	48	50	45	46	48	48	48	50	50	48	47	46	47
Charge account sales ... do	43	42	45	44	43	43	44	42	41	41	43	43	43
Instalment sales ... do	9	8	10	10	9	9	8	8	9	11	10	11	10
Sales, unadjusted, total U. S.† ... 1947-49=100	122	185	96	90	98	99	103	99	84	93	112	112	134
Atlanta ... do	123	194	94	96	115	101	103	97	89	99	116	116	p 138
Boston ... do	123	186	99	83	93	95	101	98	73	82	110	105	129
Chicago ... do	128	178	93	89	96	99	105	100	86	94	114	111	132
Cleveland ... do	108	186	102	93	99	103	106	100	84	94	114	115	140
Dallas ... do	127	193	100	95	108	106	109	100	96	104	124	119	144
Kansas City ... do	124	183	99	93	101	100	104	97	85	102	119	117	131
Minneapolis ... do	122	174	88	86	84	100	101	94	81	97	112	118	120
New York ... do	124	186	96	90	95	96	98	105	74	80	106	108	131
Philadelphia ... do	134	193	93	89	105	99	105	99	76	83	112	114	144
Richmond ... do	125	189	88	88	100	100	109	103	86	94	117	120	145
St. Louis ... do	125	171	93	86	94	96	102	90	85	95	111	111	130
San Francisco ... do	114	185	99	93	94	95	98	97	93	101	108	107	125
Sales, adjusted, total U. S.† ... do	103	110	125	115	105	104	104	105	105	109	107	108	112
Atlanta ... do	108	116	123	114	113	105	107	114	111	110	111	111	p 121
Boston ... do	101	104	123	111	102	98	100	98	106	108	100	103	106
Chicago ... do	107	111	123	116	107	104	105	101	101	107	106	109	110
Cleveland ... do	88	112	136	120	104	108	104	106	107	108	108	112	114
Dallas ... do	113	116	129	118	112	112	111	113	114	115	115	114	129
Kansas City ... do	110	112	132	116	110	103	104	104	104	111	112	110	116
Minneapolis ... do	108	109	117	117	93	101	100	98	101	109	101	104	106
New York ... do	99	107	120	110	103	102	100	108	103	106	101	103	104
Philadelphia ... do	101	110	125	120	109	105	104	103	105	111	107	108	109
Richmond ... do	103	107	125	115	105	111	110	110	105	121	109	114	118
St. Louis ... do	106	108	128	108	99	98	98	98	104	106	105	105	109
San Francisco ... do	104	108	125	112	102	102	104	103	108	106	108	106	114
Stocks, total U. S., end of month:†													
Unadjusted ... do	139	110	114	125	139	145	139	129	127	129	132	135	133
Adjusted ... do	122	122	127	129	133	138	136	136	138	134	128	121	117
Mail-order and store sales:													
Total sales, 2 companies ... thous. of dol	369,150	499,058	296,659	253,570	310,175	311,771	328,424	322,649	273,067	328,568	338,278	374,319	398,865
Montgomery Ward & Co ... do	123,084	164,190	88,572	77,573	95,107	95,175	100,408	92,911	79,657	98,508	100,873	117,371	121,494
Sears, Roebuck & Co ... do	246,066	334,868	208,088	175,997	215,068	216,596	228,017	229,738	193,410	230,060	237,405	256,949	277,371
Rural sales of general merchandise:													
Total U. S., unadjusted ... 1935-39=100	422.9	517.0	287.7	269.3	291.5	287.6	285.3	287.0	242.6	294.9	334.1	r 362.0	439.3
East ... do	414.7	481.3	270.1	230.9	279.4	269.5	261.3	265.9	216.1	261.8	285.1	325.6	445.9
South ... do	494.5	552.3	305.0	304.4	323.5	304.0	293.3	304.2	263.3	301.7	369.0	418.0	500.6
Middle West ... do	399.9	489.8	276.2	251.3	275.8	270.9	276.6	271.1	228.5	281.3	316.1	340.7	411.6
Far West ... do	438.1	601.6	324.7	295.5	312.0	325.5	317.8	349.2	307.1	366.1	394.4	403.8	456.1
Total U. S., adjusted ... do	326.3	365.1	380.1	321.7	307.8	300.5	318.1	323.6	329.2	321.6	302.1	302.7	339.0
East ... do	296.9	333.1	356.3	278.1	279.4	271.1	291.0	306.3	323.5	298.5	274.9	271.3	319.2
South ... do	361.5	399.3	381.2	350.0	340.5	331.2	353.8	371.4	376.7	336.0	324.3	327.1	365.9
Middle West ... do	304.3	330.1	368.3	314.1	290.3	277.6	312.2	296.0	305.9	303.8	293.8	290.0	313.2
Far West ... do	349.4	383.7	441.2	395.6	346.7	348.1	354.7	385.9	376.3	375.5	344.8	359.3	363.7
WHOLESALE TRADE*													
Sales, estimated (unadj.), total ... mil. of dol	9,056	9,206	9,533	8,392	8,820	8,078	8,483	8,265	7,980	9,124	8,925	r 10,129	9,821
Durable-goods establishments ... do	2,783	2,764	2,980	2,750	3,087	2,888	r 2,825	2,736	2,508	2,889	2,836	3,103	2,812
Nondurable-goods establishments ... do	6,273	6,442	6,553	5,642	5,733	5,190	5,625	5,529	5,472	6,235	6,089	r 7,026	7,009
Inventories, estimated (unadj.), total ... do	9,098	9,286	9,551	9,841	10,122	10,187	10,235	10,005	10,097	9,987	10,059	r 10,126	10,072
Durable-goods establishments ... do	3,865	4,012	4,159	4,404	4,661	4,875	5,032	5,034	5,019	4,867	4,792	r 4,723	4,650
Nondurable-goods establishments ... do	5,233	5,274	5,392	5,437	5,461	5,312	5,203	4,971	5,078	5,120	5,267	r 5,403	5,422
EMPLOYMENT AND POPULATION													
POPULATION													
Population, continental United States:													
Total, incl. armed forces overseas ... thousands	152,668	152,879	153,085	153,302	153,490	153,699	153,900	154,122	154,353	154,595	154,853	155,107	155,356
EMPLOYMENT													
Employment status of civilian noninstitutional population:													
Estimated number 14 years of age and over, total ... thousands	109,293	109,193	109,170	108,933	108,964	108,879	108,832	108,836	108,856	108,896	108,956	109,064	109,122
Male ... do	52,643	52,491	52,419	52,140	52,108	51,980	51,883	51,834	51,798	51,778	51,780	51,826	51,824
Female ... do	56,650	56,702	56,751	56,793	56,856	56,899	56,949	57,002	57,058	57,118	57,176	57,238	57,298
Civilian labor force, total ... do	63,512	62,538	61,514	61,313	62,325	61,789	62,803	63,783	64,382	64,208	63,186	63,452	63,164
Male ... do	44,019	43,535	43,093	42,894	43,379	43,182	43,508	44,316	44,602	44,720	43,672	43,522	43,346
Female ... do	19,493	19,003	18,421	18,419	18,946	18,607	19,294	19,467	19,780	19,488	19,514	19,930	19,818
Employed ... do	61,271	60,308	59,010	58,905	60,179	60,044	61,193	61,803	62,526	62,630	61,580	61,836	61,336
Male ... do	42,710	42,076	41,433	41,300	42,102	42,154	42,558	43,149	43,504	43,764	42,830	42,632	42,344
Female ... do	18,561	18,232	17,577	17,605	18,077	17,890	18,635	18,654	19,022	18,866	18,750	19,204	18,992
Agricultural employment ... do	7,551	6,234	6,018	5,930	6,393	6,645	7,440	8,035	7,908	7,688	7,526	7,668	7,022
Nonagricultural employment ... do	53,721	54,075	52,993	52,976	53,785	53,400	53,753	53,768	54,618	54,942	54,054	54,168	54,314
Unemployed ... do	2,240	2,229	2,503	2,407	2,147	1,744	1,609	1,980	1,856	1,578	1,606	1,616	1,828
Not in labor force ... do	45,782	46,657	47,658	47,619	46,638	47,092	46,029	45,053	44,474	44,688	45,770	45,612	45,958

r Revised. p Preliminary.
†Revised series. Data have been revised back to 1919 to reflect use of new base period and to incorporate other major changes; revision prior to November 1950 will be shown later.
*Data on total wholesale trade have been substituted for the series on service and limited-function wholesalers. Figures for earlier periods appear on pp. 15-24 of the October 1951 SURVEY.

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950		1951										
	November	December	January	February	March	April	May	June	July	August	September	October	November

EMPLOYMENT AND POPULATION—Continued

EMPLOYMENT—Continued	November	December	January	February	March	April	May	June	July	August	September	October	November
Employees in nonagricultural establishments:													
Total, unadjusted (U. S. Dept. of Labor) thousands	45,873	46,595	45,246	45,390	45,850	45,998	46,226	46,567	46,432	r 46,724	r 46,921	r 46,841	p 46,736
Manufacturing do	15,765	15,789	15,784	15,978	16,022	15,955	15,853	15,956	15,813	r 16,008	r 16,020	r 15,940	p 15,861
Durable-goods industries do	8,664	8,717	8,742	8,877	8,969	9,003	8,975	8,998	8,839	r 8,878	r 8,902	r 8,922	p 8,944
Nondurable-goods industries do	7,101	7,072	7,042	7,101	7,053	6,952	6,878	6,958	6,974	r 7,130	r 7,118	r 7,018	p 6,917
Mining, total do	938	937	932	930	924	911	915	927	906	r 922	r 916	r 911	p 916
Metal do	103	104	105	106	105	104	104	105	105	r 105	105	105	p 106
Anthracite do	74	73	73	73	72	68	70	70	66	68	68	67	-
Bituminous coal do	404	405	403	402	396	382	377	378	359	r 370	r 367	r 367	p 371
Crude-petroleum and natural-gas production thousands	r 256	257	253	252	250	255	258	265	268	270	267	264	-
Nonmetallic mining and quarrying do	102	98	98	97	100	103	106	108	108	110	r 109	109	p 108
Contract construction do	2,571	2,403	2,281	2,228	2,326	2,471	2,598	2,686	2,754	r 2,809	r 2,761	r 2,750	p 2,637
Transportation and public utilities do	4,123	4,125	4,072	4,082	4,112	4,132	4,137	4,161	4,176	r 4,190	r 4,178	r 4,167	p 4,167
Interstate railroads do	1,465	1,460	1,428	1,429	1,451	1,463	1,463	1,468	1,468	r 1,468	1,458	1,441	-
Local railways and bus lines do	145	145	145	144	144	144	144	143	141	r 142	141	141	-
Telephone do	615	620	618	623	626	629	630	637	648	652	648	648	-
Telegraph do	48	49	48	48	48	48	49	48	49	48	47	48	-
Gas and electric utilities do	524	522	521	520	519	520	521	527	r 534	535	530	528	-
Trade do	r 9,896	10,443	9,592	9,554	9,713	9,627	9,683	9,732	9,667	r 9,641	r 9,774	r 9,871	p 10,024
Wholesale trade do	2,618	2,616	2,587	2,593	2,590	2,579	2,568	2,581	2,594	r 2,596	r 2,596	r 2,611	p 2,626
Retail trade do	7,278	7,827	7,005	6,961	7,123	7,048	7,115	7,151	7,073	r 7,045	r 7,178	r 7,260	p 7,398
General-merchandise stores do	1,654	2,052	1,459	1,431	1,512	1,453	1,475	1,458	1,407	1,399	1,485	1,545	p 1,649
Food and liquor stores do	1,242	1,264	1,244	1,257	1,264	1,264	1,271	1,270	1,268	r 1,260	r 1,270	r 1,277	p 1,289
Automotive and accessories dealers do	746	753	743	735	736	739	742	750	756	757	r 754	r 748	p 755
Finance do	1,820	1,828	1,831	1,839	1,854	1,865	1,874	1,893	1,908	r 1,914	r 1,894	r 1,898	p 1,901
Service do	4,723	4,694	4,666	4,657	4,682	4,745	4,789	4,835	4,852	4,839	r 4,834	r 4,772	p 4,733
Hotels and lodging places do	433	430	429	432	435	445	452	478	510	507	r 474	438	-
Laundries do	353	353	354	351	351	354	360	365	369	r 365	r 364	361	-
Cleaning and dyeing plants do	149	147	146	145	150	153	159	161	158	153	r 157	159	-
Government do	6,037	6,376	6,088	6,122	6,217	6,292	6,377	6,377	6,356	r 6,401	r 6,544	6,532	p 6,497
Total, adjusted (Federal Reserve) do	45,501	45,605	45,804	46,078	46,266	46,411	46,507	46,626	46,602	r 46,553	r 46,435	r 46,355	p 46,370
Manufacturing do	15,635	15,692	15,852	16,009	16,058	16,102	16,081	16,097	16,026	r 15,891	r 15,787	r 15,723	p 15,734
Mining do	937	938	939	939	930	914	916	923	899	r 914	r 911	r 909	p 914
Contract construction do	2,521	2,452	2,507	2,503	2,556	2,574	2,572	2,558	2,574	r 2,601	r 2,580	r 2,619	p 2,585
Transportation and public utilities do	4,126	4,125	4,107	4,117	4,147	4,153	4,140	4,132	4,134	r 4,143	r 4,157	r 4,174	p 4,171
Trade do	9,620	9,692	9,722	9,769	9,762	9,773	9,821	9,857	9,837	r 9,822	r 9,784	r 9,748	p 9,745
Finance do	1,838	1,846	1,840	1,848	1,854	1,856	1,865	1,874	1,880	r 1,895	r 1,904	r 1,917	p 1,920
Service do	4,747	4,741	4,737	4,728	4,729	4,745	4,765	4,787	4,780	4,791	r 4,786	r 4,748	p 4,757
Government do	6,077	6,119	6,100	6,165	6,230	6,294	6,347	6,398	6,472	r 6,496	r 6,526	6,517	p 6,544
Production workers in manufacturing industries:													
Total (U. S. Dept. of Labor) thousands	13,044	13,056	13,018	13,186	13,189	13,108	12,993	13,064	12,885	r 13,069	r 13,083	r 12,991	p 12,892
Durable-goods industries do	7,210	7,254	7,256	7,371	7,428	7,445	7,406	7,409	7,226	r 7,261	r 7,282	r 7,292	p 7,295
Ordnance and accessories do	23	24	25	27	29	30	32	34	38	r 41	r 43	r 47	p 49
Lumber and wood products (except furniture) thousands	773	754	739	736	722	752	764	773	748	r 754	r 745	r 739	p 726
Sawmills and planing mills do	452	440	429	428	426	442	449	456	443	r 449	r 442	439	-
Furniture and fixtures do	327	326	321	324	326	317	301	286	284	r 285	285	289	p 291
Stone, clay, and glass products do	477	474	473	473	479	483	484	485	478	r 484	r 485	r 482	p 476
Glass and glass products do	129	128	128	128	130	132	131	130	124	r 130	r 130	129	-
Primary metal industries do	1,126	1,142	1,149	1,153	1,159	1,161	1,162	1,172	1,155	1,165	1,159	r 1,155	p 1,154
Blast furnaces, steel works, and rolling mills‡ thousands	554	556	559	560	561	561	565	572	572	r 575	r 572	569	-
Primary smelting and refining of nonferrous metals thousands	45	47	47	47	47	47	46	48	47	r 48	r 47	47	-
Fabricated metal prod. (except ordnance, machinery, transportation equipment) thousands	850	852	847	852	858	859	850	843	813	r 817	r 812	r 810	p 802
Heating apparatus (except electrical) and plumbers' supplies thousands	135	133	130	132	134	133	130	128	123	122	121	121	-
Machinery (except electrical) do	1,133	1,163	1,192	1,215	1,231	1,239	1,242	1,252	1,235	r 1,209	r 1,216	r 1,240	p 1,247
Electrical machinery do	721	724	711	716	724	718	707	704	684	r 696	r 710	718	p 719
Transportation equipment do	1,139	1,160	1,175	1,233	1,253	1,243	1,233	1,237	1,187	r 1,198	r 1,212	r 1,194	p 1,213
Automobiles do	760	767	767	791	793	774	752	738	684	r 675	679	656	-
Aircraft and parts do	239	252	264	288	299	309	318	333	347	r 357	r 361	364	-
Ship and boat building and repairs do	76	76	83	95	96	94	95	98	101	r 99	r 103	104	-
Railroad equipment do	52	52	52	49	54	56	58	59	47	57	60	61	-
Instruments and related products do	209	211	211	215	218	221	222	223	221	r 224	r 225	r 228	p 230
Miscellaneous mfg. industries do	432	424	413	427	429	422	409	400	383	r 388	r 390	r 390	p 388
Nondurable-goods industries do	5,834	5,802	5,762	5,815	5,761	5,663	5,587	5,655	5,659	r 5,808	r 5,801	r 5,699	p 5,597
Food and kindred products do	1,196	1,155	1,120	1,099	1,096	1,085	1,099	1,146	1,225	r 1,307	r 1,323	r 1,247	p 1,183
Meat products do	244	254	251	238	233	229	229	233	236	233	235	237	-
Dairy products do	100	97	95	95	99	103	110	116	116	114	r 108	102	-
Canning and preserving do	171	143	132	127	125	128	137	154	r 226	r 305	r 322	233	-
Bakery products do	193	190	188	188	190	190	190	192	192	192	193	194	-
Beverages do	149	146	147	145	147	143	145	155	161	161	156	150	-
Tobacco manufactures do	84	83	80	80	78	76	74	76	75	84	89	r 89	p 85
Textile-mill products do	1,262	1,258	1,257	1,269	1,223	1,214	1,206	1,205	1,167	r 1,152	r 1,136	r 1,134	p 1,133
Broad-woven fabric mills do	606	604	602	604	564	567	574	588	574	r 561	551	545	-
Knitting mills do	234	234	232	236	236	230	222	216	210	212	207	210	-
Apparel and other finished textile products thousands	1,056	1,064	1,070	1,115	1,106	1,047	998	1,000	990	1,047	1,036	r 1,018	p 999
Men's and boys' suits and coats do	137	137	138	141	141	138	135	135	129	r 139	r 138	131	-
Men's and boys' furnishings and work clothing thousands	253	251	251	259	263	261	253	245	233	r 238	239	238	-
Women's outerwear do	275	296	303	317	305	267	249	255	271	r 295	r 284	269	-
Paper and allied products do	427	428	423	423	424	427	424	426	418	419	417	r 415	p 411
Pulp, paper, and paperboard mills do	211	212	209	209	209	212	213	215	214	r 215	r 215	213	-
Printing, publishing, and allied industries thousands	515	518	510	510	512	510	510	512	507	r 509	515	r 518	p 517
Newspapers do	150	152	149	150	150	151	152	152	151	151	153	153	-
Commercial printing do	170	171	170	170	170	168	168	169	167	166	r 167	169	-

r Revised. p Preliminary.

‡Figures for 1939–46 on the revised basis for the indicated series, available since publication of the 1951 STATISTICAL SUPPLEMENT, will be shown later.

EMPLOYMENT AND POPULATION—Continued

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950 November	1950 December	1951 January	1951 February	1951 March	1951 April	1951 May	1951 June	1951 July	1951 August	1951 September	1951 October	1951 November
EMPLOYMENT—Continued													
Production workers in mfg. industries—Continued													
Total (U. S. Dept. of Labor)—Continued													
Nondurable-goods industries—Continued													
Chemicals and allied products....thousands..	521	524	526	532	539	538	531	528	526	r 531	r 543	r 545	p 542
Industrial organic chemicals.....do....	160	161	163	163	167	168	170	172	172	r 174	r 175	174	----------
Products of petroleum and coal.....do....	191	191	190	191	192	194	194	198	198	198	197	r 198	p 198
Petroleum refining‡.....do....	148	147	147	148	149	150	151	154	154	154	154	154	----------
Rubber products.....do....	222	222	222	222	220	219	220	220	217	r 218	218	r 215	p 215
Tires and inner tubes.....do....	93	92	91	91	88	87	88	90	90	r 92	92	91	----------
Leather and leather products.....do....	360	359	364	374	371	353	331	344	336	r 343	327	r 320	p 314
Footwear (except rubber).....do....	226	229	234	239	237	225	210	222	215	221	208	201	----------
Manufacturing production-worker employment index, unadjusted (U. S. Dept. of Labor) 1939=100..	159.2	159.4	158.9	161.0	161.0	160.0	158.6	159.5	157.3	r 159.5	r 159.7	r 158.6	p 157.4
Manufacturing production-worker employment index, adjusted (Federal Reserve).....1939=100..	157.7	158.1	159.7	161.3	161.4	161.7	161.3	161.2	160.0	r 158.3	r 156.9	r 156.1	p 155.8
Miscellaneous employment data:													
Federal and State highways, total§.....number..	291,399	250,137	228,239	221,485	233,036	258,291	286,236	315,230	323,393	r 326,930	306,752	p 294,375	----------
Construction (Federal and State).....do....	116,639	79,857	62,181	56,363	67,538	92,164	115,462	130,395	138,673	140,248	127,635	p 119,828	----------
Maintenance (State).....do....	122,681	118,487	114,450	113,856	114,118	114,672	118,484	128,859	128,024	129,429	124,067	p 121,524	----------
Federal civilian employees:													
United States.....thousands..	2,005	2,024	2,082	2,146	2,196	2,240	2,273	2,313	2,334	2,341	2,330	2,335	2,342
Washington, D. C., metropolitan area..do....	226	228	234	240	244	247	248	256	258	254	250	249	249
Railway employees (class I steam railways):													
Total.....thousands..	1,322	1,313	1,286	1,287	1,309	1,321	1,324	1,330	1,330	1,332	1,321	r 1,305	p 1,293
Indexes:													
Unadjusted.....1935-39=100..	126.3	125.1	122.9	122.8	124.9	126.1	126.4	127.0	127.0	127.1	126.1	124.6	p 123.3
Adjusted.....do....	125.2	127.1	127.8	125.9	128.0	128.1	126.9	125.2	124.3	124.5	r 123.1	120.6	p 122.2
PAYROLLS													
Manufacturing production-worker payroll index, unadjusted (U. S. Dept. of Labor).....1939=100..	414.6	426.0	424.0	430.0	435.0	433.2	428.4	434.3	422.8	r 429.4	r 437.4	432.7	----------
LABOR CONDITIONS													
Average weekly hours per worker (U. S. Dept. of Labor):													
All manufacturing industries.....hours..	41.1	41.4	41.0	40.9	41.1	41.0	40.7	40.7	40.2	r 40.3	40.6	40.4	p 40.3
Durable-goods industries.....do....	41.8	42.2	41.5	41.6	41.9	42.0	41.8	41.8	40.9	r 41.3	r 41.5	41.6	p 41.3
Ordnance and accessories.....do....	43.4	42.5	42.0	42.7	43.1	42.7	43.2	42.4	43.1	r 43.9	r 44.8	r 44.6	p 44.3
Lumber and wood products (except furniture).....hours.	41.0	41.4	40.5	40.5	40.6	41.4	41.5	41.9	39.8	r 40.9	r 40.5	r 41.1	p 40.2
Sawmills and planing mills.....do....	40.7	41.0	40.0	39.9	40.1	41.1	41.3	41.5	39.6	r 40.6	r 40.1	40.4	----------
Furniture and fixtures.....do....	42.6	42.3	41.8	42.2	42.3	41.1	40.5	40.4	39.7	r 40.8	41.2	r 41.4	p 40.7
Stone, clay, and glass products.....do....	42.3	42.2	41.6	41.3	41.9	42.1	41.9	41.8	41.4	r 41.5	r 41.5	r 41.8	p 41.0
Glass and glass products.....do....	41.3	41.0	40.6	40.3	41.0	41.3	40.4	40.4	40.4	r 39.2	r 39.9	40.4	----------
Primary metal industries.....do....	41.8	42.3	41.6	41.1	41.8	42.1	41.7	41.8	41.1	r 40.9	r 40.9	r 41.0	p 40.6
Blast furnaces, steel works, and rolling mills‡.....hours..	40.8	41.1	40.6	40.0	41.3	41.6	41.1	41.4	40.8	r 40.2	r 40.1	40.0	----------
Primary smelting and refining of nonferrous metals.....hours..	41.0	41.7	41.5	41.3	41.3	41.9	41.8	41.9	40.9	r 41.4	r 40.8	42.0	----------
Fabricated metal prod. (except ordnance, machinery, transportation equipment)hours.	41.9	42.4	41.8	41.7	42.1	42.0	41.8	41.8	41.0	r 41.3	r 41.6	r 41.7	p 41.6
Heating apparatus (except electrical) and plumbers' supplies.....hours..	41.6	42.1	41.4	41.5	41.9	41.5	41.2	41.2	39.6	r 39.9	40.7	40.8	----------
Machinery (except electrical).....do....	43.0	43.7	43.4	43.5	43.8	43.9	43.6	43.5	43.0	r 43.0	r 43.2	r 43.4	p 42.9
Electrical machinery.....do....	41.8	41.9	41.4	41.3	41.3	41.3	41.5	41.5	40.4	r 40.8	r 41.4	r 41.5	p 41.4
Transportation equipment.....do....	40.1	41.4	39.9	40.8	41.2	40.9	40.9	40.4	39.9	r 40.9	r 41.3	r 40.9	p 40.7
Automobiles.....do....	39.5	40.9	38.7	39.9	40.3	39.7	39.8	38.9	37.9	r 39.5	40.0	39.7	----------
Aircraft and parts.....do....	42.4	43.3	43.7	43.3	43.9	44.0	43.9	43.8	43.7	r 43.6	r 44.1	43.1	----------
Ship and boat building and repairs....do....	38.7	39.9	38.7	40.4	40.2	39.9	39.8	40.1	40.4	r 40.2	40.0	40.4	----------
Railroad equipment.....do....	40.2	40.9	41.0	40.8	41.1	41.5	41.2	40.3	40.7	r 40.7	r 40.6	41.0	----------
Instruments and related products.....do....	42.4	42.6	41.8	42.2	42.3	42.5	42.3	42.6	41.8	r 41.9	r 42.3	r 42.3	p 42.1
Miscellaneous mfg. industries.....do....	42.2	41.7	41.3	41.6	41.5	41.3	40.7	40.8	39.9	r 40.1	40.5	r 40.6	p 40.5
Nondurable-goods industries.....do....	40.3	40.5	40.2	40.0	40.0	39.7	39.3	39.4	39.3	39.1	r 39.3	r 38.9	p 39.1
Food and kindred products.....do....	41.9	42.3	41.8	41.0	41.0	41.2	41.6	41.9	42.2	r 42.0	42.6	r 41.9	p 42.1
Meat products.....do....	43.4	45.2	42.8	39.9	40.6	41.2	41.6	41.8	41.8	41.3	41.9	41.3	----------
Dairy products.....do....	44.1	44.3	44.1	44.1	44.4	44.3	45.1	45.4	45.4	r 44.9	45.0	44.3	----------
Canning and preserving.....do....	38.6	37.4	38.3	37.8	37.5	38.7	38.1	38.6	40.8	r 41.7	r 42.7	41.9	----------
Bakery products.....do....	41.3	41.6	41.3	41.5	41.5	41.6	41.9	42.1	42.2	r 41.9	r 42.1	41.6	----------
Beverages.....do....	40.9	40.6	41.2	40.3	40.5	40.5	41.2	41.9	42.0	r 41.9	41.9	40.8	----------
Tobacco manufactures.....do....	37.8	38.9	38.7	37.9	36.8	36.8	36.6	37.9	37.6	r 38.5	r 39.7	r 39.8	p 39.4
Textile-mill products.....do....	40.7	40.8	40.6	40.8	40.5	39.9	38.8	38.6	37.7	r 36.7	36.9	37.2	p 38.0
Broad-woven fabric mills.....do....	41.1	41.4	41.3	41.2	41.2	40.9	39.9	39.5	38.3	r 37.1	37.1	37.0	----------
Knitting mills.....do....	38.7	38.1	37.9	38.8	38.1	36.7	35.3	35.6	35.4	35.3	35.5	36.3	----------
Apparel and other finished textile products hours..	36.9	36.5	36.9	37.5	37.4	36.5	35.3	35.3	35.4	35.8	r 35.6	r 34.5	p 35.0
Men's and boys' suits and coats.....do....	37.9	37.7	37.6	38.0	38.6	37.5	36.3	36.0	36.2	r 35.0	r 35.1	32.4	----------
Men's and boys' furnishings and work clothing.....hours..	37.7	37.0	37.0	37.4	37.9	37.0	35.5	35.0	34.4	r 35.3	35.5	34.8	----------
Women's outerwear.....do....	34.6	35.1	36.0	36.7	35.9	35.1	34.3	33.8	34.9	35.4	34.3	32.6	----------
Paper and allied products.....do....	44.1	44.5	43.8	43.4	43.7	43.7	43.4	43.1	42.8	r 42.6	42.8	r 42.9	p 42.9
Pulp, paper, and paperboard mills...do....	44.4	44.9	44.7	44.5	44.7	44.8	44.6	44.3	44.5	r 44.1	44.2	44.6	----------
Printing, publishing, and allied industries hours..	39.2	39.8	38.9	38.4	38.9	38.9	38.7	38.8	38.6	38.7	r 39.2	38.6	p 38.4
Newspapers.....do....	37.2	38.1	35.8	36.0	36.6	36.8	36.7	36.7	36.3	36.3	36.9	36.7	----------
Commercial printing.....do....	40.1	41.0	40.6	39.4	40.3	40.0	39.7	39.8	39.8	r 39.9	40.5	39.4	----------
Chemicals and allied products.....do....	42.0	42.1	42.0	41.8	41.9	41.8	41.7	41.7	41.6	r 41.5	41.7	41.8	p 41.5
Industrial organic chemicals.....do....	41.2	41.2	41.0	40.8	41.2	41.3	41.3	41.3	41.3	r 41.0	40.8	40.2	----------
Products of petroleum and coal.....do....	41.2	41.2	41.0	40.6	40.6	41.2	40.9	40.7	41.8	r 40.6	r 41.4	r 40.7	p 40.2
Petroleum refining‡.....do....	40.7	40.7	40.7	40.2	40.2	40.9	40.5	40.4	41.6	r 40.2	41.2	40.3	----------
Rubber products.....do....	41.5	41.6	40.4	38.9	40.0	40.0	41.3	41.9	41.0	r 40.7	r 40.9	40.1	----------
Tires and inner tubes.....do....	40.1	39.9	38.4	35.5	37.6	37.0	39.4	41.7	41.4	r 41.2	r 41.1	39.8	----------
Leather and leather products.....do....	37.5	38.3	38.7	39.2	38.4	36.5	35.4	36.7	37.1	r 36.4	35.9	r 35.5	p 35.8
Footwear (except rubber).....do....	36.0	37.4	38.3	38.8	37.9	35.4	33.9	35.6	36.3	r 35.4	34.6	33.8	----------

r Revised. p Preliminary. ‡See note marked "‡" on p. S-11.
§Total includes State engineering, supervisory, and administrative employees not shown separately.

EMPLOYMENT AND POPULATION—Continued

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950 November	1950 December	1951 January	1951 February	1951 March	1951 April	1951 May	1951 June	1951 July	1951 August	1951 September	1951 October	1951 November
LABOR CONDITIONS—Continued													
Average weekly hours per worker, etc.—Continued													
Nonmanufacturing industries:													
Mining:													
Metal ... hours	43.0	43.9	43.7	43.7	43.3	44.0	44.2	41.8	42.0	r 44.5	r 43.1	43.7	
Anthracite ... do	31.0	32.8	35.9	30.2	23.1	21.6	30.1	31.0	35.3	26.3	27.4		
Bituminous coal ... do	36.4	38.5	37.6	34.1	33.6	33.9	33.3	34.8	32.7	r 34.9	r 36.7	36.4	
Crude-petroleum and natural-gas production: Petroleum and natural-gas production ... hours	40.6	40.2	40.6	40.5	40.6	41.2	40.4	40.4	42.1	40.2	42.0	40.3	
Nonmetallic mining and quarrying ... do	44.9	43.5	43.3	42.0	43.6	45.0	45.7	45.7	45.8	r 46.3	r 46.1	47.2	
Contract construction ... do	38.0	37.3	37.1	35.7	36.3	37.4	38.3	38.4	39.0	r 39.1	r 38.9	39.4	
Nonbuilding construction ... do	40.9	40.2	39.4	37.7	38.5	40.3	41.8	41.3	42.9	r 42.7	41.8	42.5	
Building construction ... do	37.3	36.7	36.7	35.3	35.8	36.8	37.5	37.7	38.1	r 38.2	r 38.2	38.6	
Transportation and public utilities:													
Local railways and bus lines ... do	45.6	46.3	45.9	46.0	45.7	45.9	46.5	46.8	46.5	46.2	46.0	46.0	
Telephone ... do	38.0	39.1	38.9	39.2	38.9	38.7	39.0	39.4	39.8	39.2	39.4	39.1	
Telegraph ... do	44.4	44.8	44.5	44.7	44.6	44.6	45.4	45.1	44.8	44.6	44.4	44.3	
Gas and electric utilities ... do	41.8	42.0	41.8	42.0	41.5	41.5	41.5	41.7	42.0	41.9	42.2	42.1	
Trade:													
Wholesale trade ... do	40.8	41.2	40.8	40.6	40.6	40.6	40.6	40.7	40.7	40.7	41.0	41.0	
Retail trade (except eating and drinking places)* ... hours	40.0	40.7	40.3	40.1	39.7	39.9	39.8	40.4	40.8	40.8	r 40.1	39.8	
General-merchandise stores ... do	36.0	38.2	36.7	36.3	35.8	35.9	35.5	36.5	37.1	r 36.9	r 36.0	35.6	
Food and liquor stores ... do	40.0	40.3	39.9	39.5	39.3	39.6	39.7	40.5	41.1	r 41.0	r 40.0	39.8	
Automotive and accessories dealers ... do	45.8	46.0	45.7	45.5	45.4	45.5	45.2	45.6	45.3	45.3	45.3	45.3	
Service:													
Hotels, year-round ... do	43.6	43.9	43.4	43.2	43.3	43.3	43.4	43.4	43.4	43.3	43.2	45.2	
Laundries ... do	40.8	41.2	41.0	40.5	40.9	41.1	41.4	41.5	41.3	40.9	41.3	41.2	
Cleaning and dyeing plants ... do	41.2	41.1	41.4	40.1	40.2	42.4	43.1	42.6	41.6	r 40.3	r 41.4	41.5	
Industrial disputes (strikes and lock-outs):													
Beginning in month:													
Work stoppages ... number	329	218	400	350	350	350	400	375	425	425	400	440	300
Workers involved ... thousands	200	61	185	220	140	165	150	190	250	250	200	240	70
In effect during month:													
Work stoppages ... number	605	423	550	550	550	550	580	560	600	625	600	640	550
Workers involved ... thousands	308	114	215	300	280	235	250	260	320	350	340	360	190
Man-days idle during month ... do	2,050	912	1,200	1,700	2,300	1,850	1,750	1,600	1,750	2,750	2,400	2,750	1,600
Percent of available working time	.27	.12	.15	.25	.29	.25	.22	.21	.23	.32	.34	.32	.21
U. S. Employment Service placement activities:													
Nonagricultural placements ... thousands	515	421	486	438	513	552	610	585	586	628	621	610	498
Unemployment compensation:													
Initial claims ... do	907	1,051	1,080	770	719	983	908	1,118	1,086	950	r 724	902	948
Continued claims ... do	3,520	3,873	4,923	3,845	3,627	3,534	3,977	3,704	4,042	4,071	3,329	3,692	3,817
Benefit payments:													
Beneficiaries, weekly average ... do	734	832	983	883	807	740	773	821	748	801	758	713	749
Amount of payments ... thous. of dol	62,389	66,969	91,560	71,369	71,584	62,294	70,799	68,780	65,925	75,131	62,049	67,449	68,607
Veterans' unemployment allowances:													
Initial claims ... thousands	5	5	4	3	2	1	1	1	1	1	1	1	1
Continued claims ... do	24	25	27	19	15	9	6	5	5	5	3	3	3
Amount of payments ... thous. of dol	487	464	554	391	315	197	146	97	105	93	66	53	50
Labor turn-over in manufacturing establishments:													
Accession rate ... monthly rate per 100 employees	4.0	3.0	5.2	4.5	4.6	4.5	4.5	4.9	4.2	4.5	4.3	r 4.4	3.7
Separation rate, total ... do	3.8	3.6	4.1	3.8	4.1	4.6	4.8	4.3	4.4	5.3	5.1	r 4.7	4.1
Discharges ... do	.3	.3	.3	.3	.3	.4	.4	.4	.3	.4	.3	.4	.3
Lay-offs ... do	1.1	1.3	1.0	.8	.8	1.0	1.2	1.0	1.3	1.4	1.3	r 1.4	1.6
Quits ... do	2.1	1.7	2.1	2.1	2.5	2.7	2.8	2.5	2.4	3.1	3.1	r 2.5	1.9
Military and miscellaneous ... do	.3	.3	.7	.6	.5	.5	.4	.4	.4	.4	.4	.4	.3
WAGES													
Average weekly earnings (U. S. Department of Labor):													
All manufacturing industries ... dollars	62.23	63.88	63.76	63.84	64.57	64.70	64.55	65.08	64.24	r 64.32	64.45	r 65.21	p 65.25
Durable-goods industries ... do	66.34	68.32	67.65	68.18	69.30	69.68	69.60	70.27	68.79	r 69.55	r 70.67	70.84	p 70.42
Ordnance and accessories ... do	70.53	68.34	69.55	70.92	72.71	70.97	72.45	71.02	73.10	r 73.71	r 77.37	r 76.31	p 75.62
Lumber and wood products (except furniture) ... dollars	57.03	57.59	55.73	56.13	55.58	58.55	59.72	61.51	57.43	r 60.49	r 60.95	r 61.61	p 59.98
Sawmills and planing mills ... do	56.53	56.83	54.84	55.30	55.06	58.49	59.22	60.92	57.46	r 60.29	r 60.79	60.68	
Furniture and fixtures ... do	56.87	56.77	56.93	58.15	58.67	56.96	56.28	56.03	55.74	r 57.53	r 58.50	r 58.62	p 58.20
Stone, clay, and glass products ... do	63.66	63.60	63.48	63.15	64.53	65.09	65.11	65.25	65.04	r 64.74	r 65.49	r 65.75	p 64.41
Glass and glass products ... do	67.03	65.89	66.10	65.04	66.17	66.91	65.81	65.97	67.14	r 63.19	r 65.84	65.89	
Primary metal industries ... do	70.14	74.36	74.42	73.12	75.11	75.70	75.02	76.03	74.76	r 73.70	r 74.89	r 74.37	p 73.49
Blast furnaces, steel works, and rolling mills‡ ... dollars	69.03	75.21	76.41	74.16	77.35	77.92	76.90	78.70	77.64	r 75.25	r 76.75	74.96	
Primary smelting and refining of nonferrous metals ... dollars	67.73	69.47	70.67	69.18	69.14	70.18	70.18	70.73	69.90	r 70.46	r 69.32	71.15	
Fabricated metal prod. (except ordnance, machinery, transportation equipment) ... dollars	66.20	68.26	67.80	68.18	69.55	69.51	69.18	69.43	67.98	r 68.68	r 69.89	r 70.39	p 70.64
Heating apparatus (except electrical) and plumbers' supplies ... dollars	67.27	68.88	68.85	69.60	70.89	70.22	69.67	69.50	67.40	r 67.23	r 69.60	69.97	
Machinery (except electrical) ... do	72.03	74.20	74.47	75.08	76.43	76.78	76.30	76.65	75.42	r 75.94	r 77.16	r 77.77	p 76.83
Electrical machinery ... do	64.33	65.15	64.42	64.80	65.34	65.58	66.57	67.15	66.13	r 66.34	r 67.94	r 68.56	p 68.64
Transportation equipment ... do	71.78	75.18	72.06	74.05	75.73	74.81	74.97	75.14	74.33	r 76.36	r 77.77	r 77.06	p 76.64
Automobiles ... do	72.76	76.28	71.48	74.29	76.13	74.52	74.90	74.88	73.30	r 76.31	r 77.88	r 77.34	
Aircraft and parts ... do	71.78	75.08	76.78	75.86	77.35	77.13	77.22	77.31	77.48	r 77.48	r 79.56	r 77.58	
Ship and boat building and repairs ... do	64.47	66.67	64.24	68.80	68.78	68.31	68.46	70.42	71.59	r 71.96	r 71.48	73.69	
Railroad equipment ... do	69.51	72.52	72.41	71.16	75.13	76.36	76.55	75.64	75.82	r 77.05	r 76.33	r 77.16	
Instruments and related products ... do	65.47	66.75	65.79	67.06	67.64	68.55	68.78	69.44	68.18	r 68.51	r 70.01	r 70.13	p 69.59
Miscellaneous mfg. industries ... do	57.01	57.50	57.37	58.41	58.18	58.03	57.39	57.85	56.46	r 56.82	r 57.63	r 58.10	p 58.32

r Revised. p Preliminary. ‡See note marked "‡" on p. S-11.
* New series. Data beginning 1947 will be shown later.

EMPLOYMENT AND POPULATION—Continued

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950 November	1950 December	1951 January	February	March	April	May	June	July	August	September	October	November
WAGES—Continued													
Average weekly earnings, etc.—Continued													
All manufacturing industries—Continued													
Nondurable-goods industries ... dollars	57.19	58.44	58.53	58.32	58.40	58.16	57.93	58.47	58.48	r 57.91	r 58.56	r 58.00	p 58.69
Food and kindred products ... do	r 58.07	59.85	60.11	59.04	59.12	59.66	60.40	61.80	61.65	r 61.15	r 61.90	r 61.72	p 62.73
Meat products ... do	65.49	69.92	65.83	60.25	61.92	62.91	63.90	67.88	68.26	r 67.48	r 68.46	67.28	----------
Dairy products ... do	56.62	57.68	59.09	59.45	59.98	59.67	60.52	61.11	62.02	r 60.70	r 62.10	60.65	----------
Canning and preserving ... do	48.06	46.82	49.41	49.84	48.64	50.39	48.88	49.25	49.20	r 53.00	r 53.38	55.22	----------
Bakery products ... do	54.47	55.04	54.68	55.49	55.32	56.37	57.24	57.93	58.15	r 58.07	r 58.73	58.16	----------
Beverages ... do	67.81	68.78	71.61	71.13	72.35	71.97	73.75	75.21	75.64	r 75.13	r 75.38	72.46	----------
Tobacco manufactures ... do	42.45	43.72	44.12	43.17	42.03	42.58	42.49	44.49	44.03	r 44.08	r 44.94	r 45.45	p 46.22
Textile-mill products ... do	53.19	53.57	53.59	53.94	53.34	52.87	51.37	51.07	49.58	r 48.08	r 48.74	r 49.29	p 50.73
Broad-woven fabric mills ... do	53.68	54.36	54.39	54.22	53.72	53.95	52.67	52.10	50.25	r 48.30	r 48.75	48.77	----------
Knitting mills ... do	47.91	47.24	47.94	49.24	48.54	46.76	45.04	45.18	44.57	r 44.44	r 44.84	46.17	----------
Apparel and other finished textile products ... dollars	44.50	45.88	47.42	48.38	47.27	44.97	43.56	44.05	45.10	r 46.11	r 45.89	r 43.57	p 44.28
Men's and boys' suits and coats ... do	52.57	55.57	55.23	56.32	57.13	54.90	53.29	52.85	52.82	r 51.56	r 52.23	47.66	----------
Men's and boys' furnishings and work clothing ... dollars	38.53	38.59	39.11	39.68	40.17	38.96	37.28	36.82	36.15	r 36.99	r 37.67	36.92	----------
Women's outerwear ... do	48.37	51.84	55.01	56.08	52.49	48.37	47.30	47.52	52.35	53.45	51.35	47.14	----------
Paper and allied products ... do	64.92	66.44	65.96	65.36	66.16	66.38	65.92	65.56	65.44	r 64.84	r 65.57	r 66.07	p 66.50
Pulp, paper, and paperboard mills ... do	69.00	70.63	70.89	70.49	70.80	71.37	70.96	70.84	71.73	r 70.38	r 71.07	72.16	----------
Printing, publishing, and allied industries ... dollars	74.52	76.42	74.22	74.23	75.74	75.78	75.66	75.82	75.50	r 75.54	r 77.66	r 76.27	p 75.99
Newspapers ... do	82.29	85.42	79.12	79.96	82.13	82.98	83.49	83.16	82.36	r 82.29	r 85.24	84.59	----------
Commercial printing ... do	73.42	75.60	74.58	73.24	75.52	74.76	74.60	74.86	74.86	r 74.77	r 76.91	74.86	----------
Chemicals and allied products ... do	65.52	66.43	66.99	67.17	67.54	67.84	68.14	68.72	69.01	r 68.18	68.39	r 68.22	p 68.18
Industrial organic chemicals ... do	69.34	69.75	70.11	70.26	71.15	71.82	72.07	72.48	73.06	r 71.67	72.62	71.03	----------
Products of petroleum and coal ... do	78.32	78.32	78.58	78.44	78.93	81.33	81.31	81.20	84.06	r 80.55	r 83.01	r 81.03	p 80.24
Petroleum refining‡ ... do	81.64	81.03	82.95	81.28	81.89	84.87	84.77	84.76	87.94	r 83.70	r 86.52	84.11	----------
Rubber products ... do	66.52	68.76	66.78	63.37	65.88	65.96	68.56	71.27	70.81	r 69.52	r 70.39	68.37	----------
Tires and inner tubes ... do	73.70	76.21	73.69	66.95	71.40	70.15	75.92	82.44	85.67	r 82.07	r 82.24	78.53	----------
Leather and leather products ... do	45.94	47.26	48.30	49.43	48.73	46.65	45.38	46.90	47.12	r 46.19	r 45.95	r 45.55	p 46.58
Footwear (except rubber) ... do	42.23	44.02	45.88	46.99	46.43	43.65	41.70	43.79	44.39	r 43.29	r 42.73	41.81	----------
Nonmanufacturing industries:													
Mining:													
Metal ... do	69.92	73.53	74.33	73.46	72.83	74.62	74.96	70.89	72.32	r 75.74	r 74.65	74.95	----------
Anthracite ... do	60.85	65.14	71.33	66.65	50.68	47.10	66.67	68.94	79.50	58.52	60.72	----------	----------
Bituminous coal ... do	73.27	77.77	76.63	75.67	74.66	75.63	73.86	77.67	73.71	r 77.23	r 81.99	80.66	----------
Crude-petroleum and natural-gas production:													
Petroleum and natural-gas production ... dollars	76.21	75.58	76.90	77.15	76.63	80.30	78.30	78.74	83.32	r 78.15	r 83.20	78.02	----------
Nonmetallic mining and quarrying ... do	63.31	62.12	61.96	60.77	63.74	65.88	67.22	67.82	68.84	r 69.59	r 70.49	71.89	----------
Contract construction ... do	77.52	77.36	77.61	75.47	76.99	79.36	81.62	82.41	83.73	r 84.46	r 85.11	86.40	----------
Nonbuilding construction ... do	75.42	75.58	74.70	72.20	74.19	78.26	81.26	81.48	84.81	r 85.27	r 84.52	86.57	----------
Building construction ... do	78.07	77.80	78.35	76.14	77.44	79.75	81.83	82.71	83.63	r 84.31	r 85.30	86.27	----------
Transportation and public utilities:													
Local railways and bus lines ... do	68.26	69.96	70.23	70.66	70.42	70.92	72.17	72.77	73.19	r 72.72	r 72.86	72.73	----------
Telephone ... do	54.04	56.30	56.41	57.58	56.52	56.12	56.59	58.12	59.30	r 58.84	r 59.93	59.90	----------
Telegraph ... do	64.25	65.05	64.57	64.86	64.63	64.40	65.97	65.44	71.23	70.47	72.33	72.34	----------
Gas and electric utilities ... do	68.68	r 70.14	71.18	71.36	70.14	70.38	70.72	71.06	71.82	r 71.73	r 73.09	73.17	----------
Trade:													
Wholesale trade ... do	61.98	63.49	63.44	63.62	63.62	63.95	63.78	64.35	64.55	r 64.51	r 65.64	65.68	----------
Retail trade (except eating and drinking places)* ... dollars	47.92	48.31	49.85	49.56	48.95	49.84	49.83	50.74	51.49	r 51.37	r 50.89	50.39	----------
General-merchandise stores ... do	35.24	37.02	38.02	37.43	36.44	36.98	36.71	37.70	38.51	r 38.01	r 37.30	36.70	----------
Food and liquor stores ... do	52.40	52.91	53.15	52.69	52.62	53.18	53.44	54.72	55.44	r 55.23	r 54.20	54.13	----------
Automotive and accessories dealers ... do	63.07	63.53	64.48	65.16	65.29	66.34	66.22	67.03	66.91	67.18	r 68.04	67.00	----------
Finance:													
Banks and trust companies ... do	48.18	48.66	49.28	49.55	49.70	50.08	50.11	50.06	50.50	r 50.28	r 50.32	50.51	----------
Service:													
Hotels, year-round ... do	34.74	35.16	34.89	35.04	34.68	34.90	35.02	35.24	35.46	35.29	35.90	35.99	----------
Laundries ... do	35.86	36.38	36.70	36.25	36.85	37.32	37.96	38.06	37.83	r 37.38	r 37.95	37.99	----------
Cleaning and dyeing plants ... do	42.23	42.29	43.35	41.78	44.14	44.90	45.90	45.45	44.26	r 42.56	r 44.51	44.36	----------
Average hourly earnings (U. S. Department of Labor):													
All manufacturing industries ... dollars	1.514	1.543	1.555	1.561	1.571	1.578	1.586	1.599	1.598	r 1.596	1.612	r 1.614	p 1.619
Durable-goods industries ... do	1.587	1.619	1.630	1.639	1.654	1.659	1.665	1.681	1.682	r 1.684	1.703	1.703	p 1.705
Ordnance and accessories ... do	1.625	1.608	1.656	1.661	1.687	1.662	1.677	1.675	1.696	r 1.679	r 1.727	r 1.711	p 1.707
Lumber and wood products (except furniture) ... dollars	1.391	1.391	1.376	1.386	1.369	1.424	1.439	1.468	1.443	r 1.479	r 1.505	r 1.499	p 1.492
Sawmills and planing mills ... do	1.389	1.386	1.371	1.386	1.373	1.423	1.434	1.468	1.451	r 1.485	r 1.516	1.502	----------
Furniture and fixtures ... do	1.335	1.342	1.362	1.378	1.387	1.386	1.393	1.387	1.404	r 1.410	r 1.420	r 1.416	p 1.430
Stone, clay, and glass products ... do	1.505	1.507	1.526	1.529	1.540	1.546	1.554	1.561	1.571	r 1.560	r 1.578	r 1.573	p 1.571
Glass and glass products ... do	1.623	1.607	1.628	1.614	1.614	1.630	1.629	1.633	1.662	1.612	1.650	1.631	----------
Primary metal industries ... do	1.678	1.758	1.789	1.779	1.797	1.758	1.799	1.819	1.819	r 1.802	r 1.831	r 1.814	p 1.810
Blast furnaces, steel works, and rolling mills‡ ... dollars	1.692	1.830	1.882	1.854	1.873	1.873	1.871	1.901	1.903	r 1.872	r 1.914	1.874	----------
Primary smelting and refining of nonferrous metals ... dollars	1.652	1.666	1.703	1.675	1.674	1.675	1.679	1.688	1.709	1.702	1.699	1.694	----------
Fabricated metal prod. (except ordnance, machinery, transportation equipment) ... dollars	1.580	1.610	1.622	1.635	1.652	1.655	1.655	1.661	1.658	r 1.663	r 1.680	r 1.688	p 1.698
Heating apparatus (except electrical) and plumbers' supplies ... dollars	1.617	1.636	1.663	1.677	1.692	1.692	1.691	1.687	1.702	r 1.685	r 1.710	1.715	----------
Machinery (except electrical) ... do	1.675	1.698	1.716	1.726	1.745	1.749	1.750	1.762	1.754	r 1.766	r 1.786	r 1.792	p 1.791
Electrical machinery ... do	1.539	1.555	1.556	1.569	1.582	1.588	1.604	1.618	1.637	r 1.626	r 1.641	r 1.652	p 1.658
Transportation equipment ... do	1.790	1.816	1.806	1.815	1.838	1.829	1.833	1.860	1.863	r 1.867	r 1.883	r 1.884	p 1.883
Automobiles ... do	1.842	1.865	1.847	1.862	1.889	1.877	1.882	1.925	1.934	r 1.932	r 1.947	1.948	----------
Aircraft and parts ... do	1.693	1.734	1.757	1.752	1.762	1.755	1.759	1.765	1.773	r 1.777	r 1.804	1.800	----------
Ship and boat building and repairs ... do	1.666	1.671	1.660	1.703	1.711	1.712	1.720	1.756	1.772	1.790	1.787	1.824	----------
Railroad equipment ... do	1.729	1.773	1.766	1.744	1.829	1.864	1.858	1.877	1.863	r 1.893	r 1.880	1.882	----------
Instruments and related products ... do	1.544	1.567	1.574	1.589	1.599	1.613	1.626	1.630	1.631	1.635	r 1.655	1.658	p 1.653
Miscellaneous mfg. industries ... do	1.351	1.379	1.389	1.404	1.402	1.405	1.410	1.418	1.415	r 1.417	r 1.423	r 1.431	p 1.440
Nondurable-goods industries ... do	1.419	1.443	1.456	1.458	1.460	1.465	1.474	1.484	1.488	r 1.481	r 1.490	1.491	p 1.501
Food and kindred products ... do	1.386	1.415	1.438	1.440	1.442	1.448	1.452	1.475	1.461	r 1.456	r 1.453	r 1.473	p 1.490
Meat products ... do	1.509	1.547	1.538	1.510	1.525	1.527	1.536	1.624	1.633	r 1.634	r 1.634	1.629	----------
Dairy products ... do	1.284	1.302	1.340	1.348	1.351	1.347	1.342	1.346	1.366	r 1.352	r 1.380	1.369	----------
Canning and preserving ... do	1.245	1.252	1.290	1.292	1.297	1.302	1.283	1.276	1.206	1.271	1.250	1.318	----------
Bakery products ... do	1.319	1.323	1.324	1.337	1.333	1.355	1.366	1.376	1.378	1.386	1.395	1.398	----------
Beverages ... do	1.658	1.694	1.738	1.765	1.769	1.777	1.790	1.795	1.801	r 1.793	r 1.799	1.776	----------

r Revised. p Preliminary. ‡See note marked "‡" on p. S-11.
* New series. Data beginning 1947 will be shown later.

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950		1951										
	November	December	January	February	March	April	May	June	July	August	September	October	November

EMPLOYMENT AND POPULATION—Continued

WAGES—Continued	Nov. 1950	Dec. 1950	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
Average hourly earnings, etc.—Continued													
All manufacturing industries—Continued													
Nondurable-goods industries—Continued													
Tobacco manufactures....dollars	1.123	1.124	1.140	1.139	1.142	1.157	1.161	1.174	1.171	r 1.145	1.132	1.142	p 1.173
Textile-mill products....do	1.307	1.313	1.320	1.322	1.317	1.325	1.324	1.323	1.315	r 1.310	r 1.321	r 1.325	p 1.335
Broad-woven fabric mills....do	1.306	1.313	1.317	1.316	1.304	1.319	1.320	1.319	1.312	r 1.302	r 1.314	1.318	
Knitting mills....do	1.238	1.240	1.265	1.269	1.274	1.274	1.276	1.269	1.259	r 1.259	r 1.263	1.272	
Apparel and other finished textile products....dollars	1.206	1.257	1.285	1.290	1.264	1.232	1.234	1.248	1.274	r 1.288	r 1.289	r 1.263	p 1.265
Men's and boys' suits and coats....do	1.387	1.474	1.469	1.482	1.480	1.464	1.468	1.468	1.459	r 1.473	1.488	1.471	
Men's and boys' furnishings and work clothing....dollars	1.022	1.043	1.057	1.061	1.060	1.053	1.050	1.052	1.051	r 1.048	r 1.061	1.061	
Women's outerwear....do	1.398	1.477	1.528	1.528	1.462	1.378	1.379	1.406	1.500	r 1.510	1.497	1.446	
Paper and allied products....do	1.472	1.493	1.506	1.506	1.514	1.519	1.519	1.521	1.529	r 1.522	r 1.532	r 1.540	p 1.550
Pulp, paper, and paperboard mills....do	1.554	1.573	1.586	1.584	1.584	1.593	1.591	1.599	1.612	r 1.596	r 1.608	1.618	
Printing, publishing, and allied industries....dollars	1.901	1.920	1.908	1.933	1.947	1.948	1.955	1.954	1.956	r 1.952	r 1.981	r 1.976	p 1.979
Newspapers....do	2.212	2.242	2.210	2.221	2.244	2.255	2.275	2.266	2.269	r 2.267	r 2.310	2.305	
Commercial printing....do	1.831	1.844	1.837	1.859	1.874	1.869	1.879	1.881	1.881	r 1.874	r 1.899	1.900	
Chemicals and allied products....do	1.560	1.578	1.595	1.607	1.612	1.623	1.634	1.648	1.659	r 1.643	1.640	r 1.632	p 1.643
Industrial organic chemicals....do	1.683	1.693	1.710	1.722	1.727	1.739	1.745	1.755	1.769	r 1.748	1.780	1.767	
Products of petroleum and coal....do	1.901	1.901	1.941	1.932	1.944	1.974	1.988	1.995	2.011	1.984	2.005	r 1.991	p 1.996
Petroleum refining‡....do	2.006	1.991	2.038	2.032	2.037	2.075	2.093	2.098	2.114	r 2.082	r 2.100	2.087	
Rubber products....do	1.603	1.653	1.653	1.629	1.647	1.649	1.660	1.701	1.727	r 1.708	r 1.721	1.705	
Tires and inner tubes....do	1.838	1.910	1.919	1.886	1.899	1.896	1.927	1.977	2.021	1.992	2.001	1.973	
Leather and leather products....do	1.225	1.234	1.248	1.261	1.269	1.278	1.282	1.278	1.270	r 1.269	r 1.280	r 1.283	p 1.301
Footwear (except rubber)....do	1.173	1.177	1.198	1.211	1.225	1.233	1.230	1.230	1.223	r 1.223	r 1.235	1.237	
Nonmanufacturing industries:													
Mining:													
Metal....do	1.626	1.675	1.701	1.681	1.682	1.696	1.696	1.696	1.722	r 1.702	r 1.732	1.715	
Anthracite....do	1.963	1.986	1.987	2.207	2.194	2.185	2.215	2.224	2.252	2.225	2.216		
Bituminous coal....do	2.013	2.020	2.038	2.219	2.222	2.231	2.218	2.232	2.254	r 2.213	r 2.234	2.216	
Crude-petroleum and natural-gas production:													
Petroleum and natural-gas production....dollars	1.877	1.880	1.894	1.905	1.889	1.949	1.938	1.949	1.979	r 1.944	r 1.981	1.936	
Nonmetallic mining and quarrying....do	1.410	1.428	1.431	1.447	1.462	1.464	1.471	1.484	1.503	r 1.503	r 1.529	1.523	
Contract construction....do	2.040	2.074	2.092	2.114	2.121	2.122	2.131	2.146	2.147	r 2.160	r 2.188	2.193	
Nonbuilding construction....do	1.844	1.880	1.896	1.915	1.927	1.942	1.944	1.973	1.997	r 1.997	r 2.022	2.037	
Building construction....do	2.093	2.120	2.135	2.157	2.163	2.167	2.182	2.194	2.195	2.207	2.233	2.235	
Transportation and public utilities:													
Local railways and bus lines....do	1.497	1.511	1.530	1.536	1.541	1.545	1.552	1.555	1.574	r 1.574	r 1.584	1.581	
Telephone....do	1.422	1.440	1.450	1.469	1.453	1.450	1.451	1.475	1.490	r 1.501	r 1.521	1.532	
Telegraph....do	1.447	1.452	1.451	1.451	1.449	1.444	1.453	1.451	1.590	1.580	1.629	1.633	
Gas and electric utilities....do	1.643	1.670	1.690	1.699	1.690	1.696	1.706	1.704	1.710	r 1.712	r 1.732	1.738	
Trade:													
Wholesale trade....do	1.519	1.541	1.555	1.567	1.567	1.575	1.571	1.581	1.586	r 1.585	r 1.601	1.602	
Retail trade (except eating and drinking places)*....dollars	1.198	1.187	1.237	1.236	1.233	1.249	1.252	1.256	1.262	r 1.259	r 1.269	1.266	
General-merchandise stores....do	.979	.969	1.036	1.031	1.018	1.030	1.034	1.033	1.038	r 1.030	r 1.036	r 1.031	
Food and liquor stores....do	1.310	1.313	1.332	1.334	1.339	1.343	1.346	1.351	1.349	r 1.347	r 1.355	1.360	
Automotive and accessories dealers....do	1.377	1.381	1.411	1.432	1.438	1.458	1.465	1.470	1.477	1.483	r 1.502	1.479	
Service:													
Hotels, year-round....do	.795	.801	.804	.811	.801	.806	.807	.812	.817	r .815	.831	.833	
Laundries....do	.879	.883	.895	.895	.901	.908	.917	.917	.916	.914	r .919	.922	
Cleaning and dyeing plants....do	1.025	1.029	1.047	1.042	1.051	1.059	1.065	1.067	1.064	r 1.056	r 1.075	1.069	
Miscellaneous wage data:													
Construction wage rates (E. N. R.):§													
Common labor....dol. per hr	1.574	1.574	1.585	1.593	1.595	1.595	1.608	1.615	1.629	1.637	1.637	1.645	1.646
Skilled labor....do	2.571	2.577	2.604	2.615	2.619	2.619	2.629	2.648	2.688	2.701	2.701	2.719	2.728
Farm wage rates, without board or room (quarterly)....dol. per hr			.79			.78			.82			.73	
Railway wages (average, class I)....do	1.587	1.603	1.585	1.659	1.681	1.716	1.725	1.751	1.768	1.746	1.794	1.748	
Road-building wages, common labor....do			1.30			1.23			1.24			1.33	

FINANCE

BANKING	Nov. 1950	Dec. 1950	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
Acceptances and commercial paper outstanding:													
Bankers' acceptances....mil. of dol	383	394	453	470	479	456	417	425	380	384	375	398	437
Commercial paper....do	325	333	356	369	381	387	364	331	336	368	377	r 410	435
Agricultural loans outstanding of agencies supervised by the Farm Credit Administration:													
Total....mil. of dol		1,861			1,986			2,097			2,129		
Farm mortgage loans, total....do		989			998			1,012			1,020		
Federal land banks....do		946			958			974			985		
Land Bank Commissioner....do		43			40			37			35		
Loans to cooperatives....do	331	350	356	361	339	323	310	315	333	347	360	399	420
Short-term credit....do	519	522	551	592	650	700	739	771	791	786	749	697	660
Bank debits, total (141 centers)....do	110,132	125,435	123,224	101,437	129,112	114,898	116,572	120,698	110,756	111,190	107,504	123,671	117,212
New York City....do	43,740	52,590	48,207	39,067	53,171	45,477	45,375	48,588	43,224	41,363	41,145	47,971	44,802
Outside New York City....do	66,392	72,845	75,017	62,370	75,941	69,421	71,197	72,110	67,532	69,827	66,359	75,700	72,410
Federal Reserve banks, condition, end of month:													
Assets, total....mil. of dol	45,448	47,172	47,738	47,368	47,978	46,883	47,174	47,634	47,547	47,755	49,116	48,740	49,046
Reserve bank credit outstanding, total....do	20,638	22,216	23,051	23,188	24,150	23,560	23,481	24,043	24,033	24,309	25,058	24,427	24,734
Discounts and advances....do	161	67	798	398	275	283	529	53	277	552	190	186	624
United States Government securities....do	19,693	20,778	21,484	21,881	22,910	22,742	22,509	22,982	23,078	23,127	23,734	23,552	23,239
Gold certificate reserves....do	21,798	21,458	21,160	20,852	20,567	20,567	20,508	20,514	20,504	20,611	20,775	21,004	21,166
Liabilities, total....do	45,448	47,172	47,738	47,368	47,978	46,883	47,174	47,634	47,547	47,755	49,116	48,740	49,046
Deposits, total....do	18,682	19,810	20,998	20,704	21,450	20,748	20,381	20,598	20,606	20,678	21,453	20,868	20,945
Member-bank reserve balances....do	16,763	17,681	18,984	19,066	19,014	18,901	18,536	19,020	18,863	19,181	19,391	19,557	19,670
Excess reserves (estimated)....do	645	1,172	937	700	647	452	330	416	467	717	569	r 497	490
Federal Reserve notes in circulation....do	23,397	23,587	23,026	23,110	23,041	23,143	23,332	23,630	23,726	24,020	24,148	24,261	24,680
Reserve ratio....percent	51.8	49.4	48.1	47.6	46.2	46.9	46.9	46.4	46.3	46.1	45.6	46.5	46.4

r Revised. p Preliminary. ‡See note marked "‡" on p. S-11. §Rates as of December 1, 1951: Common labor, $1.651; skilled labor, $2.751.
*New series. Data beginning 1947 will be shown later.

FINANCE—Continued

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950 November	1950 December	1951 January	1951 February	1951 March	1951 April	1951 May	1951 June	1951 July	1951 August	1951 September	1951 October	1951 November
BANKING—Continued													
Federal Reserve weekly reporting member banks, condition, Wednesday nearest end of month:													
Deposits:													
Demand, adjusted ... mil. of dol.	50,546	51,292	51,232	50,649	49,487	50,163	50,034	49,916	50,383	50,976	50,533	52,124	53,040
Demand, except interbank:													
Individuals, partnerships, and corporations mil. of dol.	51,305	52,810	51,760	51,813	50,104	50,257	50,591	50,500	50,860	51,174	51,696	53,517	53,964
States and political subdivisions ... do	3,371	3,480	3,657	3,640	3,489	3,950	3,857	3,589	3,644	3,362	3,300	3,465	3,466
United States Government ... do	1,624	1,194	1,622	2,588	4,622	3,520	3,005	4,679	2,673	2,609	3,747	2,543	2,241
Time, except interbank, total ... do	15,242	15,386	15,250	15,324	15,379	15,338	15,362	15,539	15,551	15,635	15,676	15,829	15,792
Individuals, partnerships, and corporations mil. of dol.	14,475	14,615	14,533	14,495	14,555	14,477	14,485	14,661	14,673	14,741	14,795	14,958	14,915
States and political subdivisions ... do	642	644	689	703	697	732	746	743	740	751	734	719	720
Interbank (demand and time) ... do	10,854	12,956	10,818	10,783	10,384	10,669	10,157	10,422	11,103	10,807	11,345	11,948	11,737
Investments, total ... do	39,337	39,795	37,986	37,312	37,491	37,447	36,941	37,758	37,613	37,572	37,926	38,565	38,772
U. S. Government obligations, direct and guaranteed, total ... mil. of dol.	32,984	33,294	31,504	30,791	30,886	30,836	30,443	31,176	30,997	30,930	31,212	31,926	32,082
Bills ... do	2,044	2,470	1,618	1,577	1,933	1,971	1,769	2,745	2,648	2,593	2,934	3,748	3,949
Certificates ... do	1,124	----	----	----	----	----	----	1,585	2,224	2,239	2,493	3,010	2,994
Bonds and guaranteed obligations ... do	22,114	21,573	21,205	20,830	20,744	20,715	20,527	19,478	19,442	19,486	19,142	19,212	19,185
Notes ... do	7,702	9,251	8,681	8,384	8,209	8,150	8,147	7,368	6,683	6,612	6,643	5,956	5,954
Other securities ... do	6,353	6,501	6,482	6,521	6,605	6,611	6,498	6,582	6,616	6,642	6,714	6,639	6,690
Loans, total ... do	30,586	31,417	31,541	32,189	32,707	32,661	32,428	32,877	32,487	32,916	33,482	34,083	34,488
Commercial, industrial, and agricultural ... do	17,084	17,859	18,120	18,733	19,202	19,186	19,048	19,220	19,124	19,502	20,078	20,571	20,865
To brokers and dealers in securities ... do	1,671	1,578	1,554	1,498	1,512	1,359	1,332	1,399	1,390	1,170	1,242	1,077	1,148
Other loans for purchasing or carrying securities mil. of dol.	792	750	754	748	718	727	717	716	700	698	692	684	680
Real-estate loans ... do	5,213	5,280	5,299	5,331	5,369	5,419	5,476	5,530	5,545	5,584	5,605	5,653	5,670
Loans of banks ... do	377	510	324	412	425	491	382	523	324	518	414	627	657
Other loans ... do	5,845	5,877	5,939	5,910	5,930	5,935	5,928	5,947	5,865	5,906	5,915	5,950	5,949
Money and interest rates:♂													
Bank rates on business loans:													
In 19 cities ... percent	----	2.84	----	----	3.02	----	----	3.07	----	----	3.06	----	----
New York City ... do	----	2.51	----	----	2.74	----	----	2.78	----	----	2.79	----	----
7 other northern and eastern cities ... do	----	2.87	----	----	3.02	----	----	3.04	----	----	3.06	----	----
11 southern and western cities ... do	----	3.28	----	----	3.42	----	----	3.52	----	----	3.47	----	----
Discount rate (N. Y. F. R. Bank) ... do	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75
Federal intermediate credit bank loans ... do	2.00	2.00	2.03	2.03	2.06	2.17	2.23	2.23	2.37	2.47	2.64	2.66	2.69
Federal land bank loans ... do	4.08	4.08	4.08	4.08	4.08	4.08	4.08	4.08	4.08	4.08	4.08	4.08	4.08
Open market rates, New York City:													
Acceptances, prime, bankers', 90 days ... do	1.31	1.31	1.39	1.50	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63
Commercial paper, prime, 4–6 months ... do	1.69	1.72	1.86	1.96	2.06	2.13	2.17	2.31	2.31	2.26	2.19	2.21	2.25
Call loans, renewal (N. Y. S. E.) ... do	1.63	1.63	2.00	2.00	2.00	2.00	2.15	2.25	2.25	2.25	2.25	2.25	2.25
Time loans, 90 days (N. Y. S. E.) ... do	1.63	1.63	2.00	2.00	2.00	2.00	2.25	2.25	2.25	2.25	2.25	2.25	2.25
Yield on U. S. Govt. securities:													
3-month bills ... do	1.364	1.367	1.387	1.391	1.422	1.520	1.578	1.499	1.593	1.644	1.646	1.608	1.608
3–5 year taxable issues ... do	1.62	1.64	1.66	1.67	1.86	[1] 2.03	2.04	2.00	1.94	1.89	1.93	2.00	2.00
Savings deposits, balance to credit of depositors:													
New York State savings banks ... mil. of dol.	11,525	11,646	11,635	11,625	11,648	11,662	11,710	11,821	11,840	11,867	11,915	11,941	12,018
U. S. postal savings ... do	2,947	2,924	2,901	2,877	2,852	2,831	2,808	2,788	2,772	2,754	p 2,735	p 2,721	p 2,710
CONSUMER CREDIT													
Total consumer credit, end of month ... mil. of dol.	19,405	20,097	19,937	19,533	19,379	19,126	19,207	19,256	19,132	19,262	r 19,362	p 19,586	p 19,996
Instalment credit, total ... do	13,306	13,459	13,252	13,073	12,976	12,904	12,920	12,955	12,903	13,045	r 13,167	p 13,199	p 13,259
Sale credit, total ... do	7,805	7,904	7,694	7,521	7,368	7,270	7,248	7,234	7,173	7,247	r 7,327	p 7,355	p 7,391
Automobile dealers ... do	4,175	4,126	4,056	3,990	3,946	3,934	3,980	4,041	4,061	4,138	4,175	p 4,134	p 4,100
Department stores and mail-order houses mil. of dol.	1,172	1,245	1,201	1,162	1,133	1,103	1,084	1,055	1,022	1,015	1,028	p 1,056	p 1,098
Furniture stores ... do	1,003	1,029	982	956	924	905	890	874	854	859	870	p 890	p 901
Household-appliance stores ... do	702	710	694	677	655	636	616	602	590	590	r 600	p 607	p 609
All other retail stores (incl. jewelry) ... do	753	794	761	736	710	692	678	662	646	645	r 654	p 668	p 683
Cash loans, total ... do	5,501	5,555	5,558	5,552	5,608	5,634	5,672	5,721	5,730	5,798	5,840	p 5,844	p 5,868
Commercial banks ... do	2,435	2,431	2,438	2,441	2,476	2,497	2,506	2,515	2,492	2,521	2,524	p 2,522	p 2,509
Credit unions ... do	521	525	518	515	517	514	518	522	524	531	533	p 535	p 535
Industrial banks ... do	292	291	289	286	286	286	288	288	288	293	296	p 299	p 299
Industrial-loan companies ... do	200	203	202	202	204	205	207	209	211	217	221	p 222	p 225
Insured repair and modernization loans mil. of dol.	863	864	863	856	853	852	860	872	882	888	894	p 907	p 919
Small-loan companies ... do	1,037	1,084	1,090	1,094	1,112	1,119	1,131	1,151	1,167	1,181	1,203	p 1,191	p 1,211
Miscellaneous lenders ... do	153	157	158	158	160	161	162	164	166	167	169	p 168	p 170
Charge accounts ... do	3,739	4,239	4,248	4,010	3,938	3,744	3,793	3,804	3,743	3,724	r 3,699	p 3,868	p 4,206
Single-payment loans ... do	1,298	1,332	1,352	1,369	1,381	1,392	1,398	1,399	1,393	1,398	1,401	p 1,413	p 1,421
Service credit ... do	1,062	1,067	1,085	1,081	1,084	1,086	1,096	1,098	1,093	1,095	1,098	p 1,106	p 1,110
Consumer instalment loans made during the month, by principal lending institutions:													
Commercial banks ... mil. of dol.	257	289	326	296	368	340	359	356	339	389	351	p 373	p 348
Credit unions ... do	64	72	67	64	79	72	82	86	76	90	78	p 86	p 83
Industrial banks ... do	34	37	39	35	43	41	44	44	44	49	42	p 52	p 45
Industrial-loan companies ... do	27	29	28	27	33	31	33	35	35	40	35	p 40	p 40
Small-loan companies ... do	165	234	162	158	207	184	198	204	206	210	183	p 205	p 228
FEDERAL GOVERNMENT FINANCE													
Budget receipts and expenditures:													
Receipts, total ... mil. of dol.	3,184	4,474	4,621	4,820	8,811	3,289	4,039	7,603	2,833	4,165	6,524	2,708	3,951
Receipts, net ... do	2,851	4,211	4,448	4,257	8,112	2,626	3,146	7,089	2,571	3,594	6,209	2,635	3,521
Customs ... do	54	54	57	49	59	54	53	48	48	50	42	52	47
Income and employment taxes ... do	2,250	3,538	3,538	3,851	7,818	2,423	3,074	6,611	1,886	3,131	5,691	1,653	2,935
Miscellaneous internal revenue ... do	746	764	853	797	838	690	747	719	722	806	707	885	805
All other receipts ... do	133	117	173	122	96	123	164	225	177	178	83	117	164
Expenditures, total ... do	3,102	3,742	3,808	3,211	4,058	4,007	4,517	5,969	4,739	5,087	5,163	5,483	5,178
Interest on public debt ... do	142	968	514	156	580	253	163	1,557	232	222	580	497	173
Veterans Administration ... do	r 443	443	472	426	456	427	425	384	435	422	422	411	478
National defense and related activities ... do	1,446	1,510	1,651	1,695	2,057	2,160	2,396	2,495	2,930	3,040	2,628	p 3,165	3,015
All other expenditures ... do	r 1,071	r 821	1,171	934	r 965	1,167	1,533	1,533	r 1,142	1,403	r 1,533	r 1,410	1,512

r Revised. p Preliminary. [1] Beginning April 1, 1951, includes 1½ percent note of March 15, 1955, 1¾ percent note of December 15, 1955, and 2½ percent bond of March 15, 1956–58.
♂For bond yields see p. S-19.

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950		1951										
	November	December	January	February	March	April	May	June	July	August	September	October	November
FINANCE—Continued													
FEDERAL GOVERNMENT FINANCE—Con.													
Public debt and guaranteed obligations:													
Gross debt (direct), end of month, total ... mil. of dol.	257,077	256,708	256,125	255,941	254,997	254,727	255,093	255,222	255,657	256,644	257,353	258,298	259,604
Interest-bearing, total ... do	254,887	r 254,283	253,704	253,382	252,553	252,280	252,729	252,852	253,325	254,321	254,958	255,940	257,253
Public issues ... do	221,156	220,575	219,712	219,448	219,028	218,690	218,680	218,198	218,618	219,174	219,321	220,325	221,391
Special issues ... do	33,732	33,707	33,992	33,933	33,525	33,590	34,049	34,653	34,707	35,146	35,637	35,615	35,862
Noninterest bearing ... do	2,189	2,425	2,421	2,559	2,444	2,447	2,364	2,370	2,332	2,323	2,395	2,359	2,351
Obligations guaranteed by U. S. Government, end of month ... mil. of dol.	24	24	18	18	21	21	29	29	28	32	33	37	43
U. S. savings bonds:													
Amount outstanding, end of month ... do	58,096	58,248	58,191	58,133	58,020	57,938	57,842	57,784	57,733	57,691	57,662	57,666	57,710
Sales, series E, F, and G ... do	436	541	r 475	386	359	310	295	289	310	312	272	334	315
Redemptions ... do	448	509	653	528	560	472	477	475	481	436	390	410	364
Government corporations and credit agencies:													
Assets, except interagency, total ... mil. of dol.		24,635			25,104			25,188			25,668		
Loans receivable, total (less reserves) ... do		13,228			13,496			13,504			13,906		
To aid agriculture ... do		3,884			3,931			3,675			3,896		
To aid home owners ... do		1,528			1,721			1,809			1,981		
To aid railroads ... do		110			108			105			104		
To aid other industries ... do		458			473			498			494		
To aid banks ... do		(1)			(1)			(1)			(1)		
To aid other financial institutions ... do		824			760			824			755		
Foreign loans ... do		6,078			6,116			6,151			6,133		
All other ... do		531			564			627			720		
Commodities, supplies, and materials ... do		1,774			1,764			1,719			1,515		
U. S. Government securities ... do		2,075			2,162			2,185			2,236		
Other securities ... do		3,473			3,467			3,474			3,472		
Land, structures, and equipment ... do		2,945			2,951			2,999			3,025		
All other assets ... do		1,141			1,264			1,308			1,514		
Liabilities, except interagency, total ... do		2,406			2,500			2,340			2,383		
Bonds, notes, and debentures:													
Guaranteed by the United States ... do		23			19			29			34		
Other ... do		1,190			1,247			1,378			1,309		
Other liabilities ... do		1,193			1,234			932			949		
Privately owned interest ... do		234			268			315			322		
U. S. Government interest ... do		21,995			22,337			22,533			22,962		
Reconstruction Finance Corporation, loans and securities (at cost) outstanding, end of month, total ... mil. of dol.	899	893	890	884	883	885	882	872	862	856	831	823	p 819
Industrial and commercial enterprises, including national defense ... mil. of dol.	426	436	439	439	447	458	462	463	460	457	442	433	p 428
Financial institutions ... do	103	103	102	99	98	97	95	94	93	92	92	92	p 91
Railroads ... do	108	108	106	106	106	105	104	103	103	102	102	102	p 102
States, territories, and political subdivisions ... do	23	23	22	22	20	20	20	19	18	18	18	18	p 18
United Kingdom and Republic of the Philippines ... mil. of dol.	108	97	95	93	87	84	81	75	72	71	60	60	p 60
Mortgages purchased ... do	93	92	90	90	89	86	83	82	81	81	80	80	p 79
Other loans ... do	36	36	36	36	36	36	36	36	35	36	37	40	p 42
LIFE INSURANCE													
Assets, admitted:													
All companies (Institute of Life Insurance), estimated total‡ ... mil. of dol.	63,022	63,688	64,296	64,539	64,822	65,156	65,496	65,727	66,128	66,455	66,777	67,181	67,476
Securities and mortgages‡ ... do	56,700	57,244	57,592	57,881	58,060	58,309	58,759	59,085	59,437	59,701	59,961	60,347	60,514
49 companies (Life Insurance Association of America), total ... mil. of dol.	r 55,924	56,519	56,886	57,131	57,362	57,641	57,894	58,091	58,431	58,702	58,975	59,282	59,556
Bonds and stocks, book value, total ... do	r 37,553	37,676	37,593	37,577	37,414	37,342	37,455	37,486	37,574	37,572	37,652	37,776	37,759
Govt. (domestic and foreign), total ... do	r 14,409	14,221	14,064	13,916	13,514	13,147	13,021	12,741	12,657	12,410	12,326	12,229	12,060
U. S. Government ... do	r 12,215	12,023	11,865	11,718	11,307	10,927	10,787	10,480	10,417	10,166	10,050	9,956	9,829
Public utility ... do	r 10,104	10,187	10,192	10,225	10,303	10,350	10,376	10,457	10,503	10,548	10,587	10,647	10,703
Railroad ... do	r 2,989	2,998	3,011	3,005	3,008	3,005	3,017	3,024	3,033	3,044	3,065	3,088	3,111
Other ... do	r 10,051	10,270	10,325	10,431	10,589	10,839	11,041	11,263	11,381	11,570	11,675	r 11,811	11,885
Cash ... do	799	789	863	792	908	977	804	765	751	739	721	735	851
Mortgage loans, total ... do	r 12,879	13,252	13,573	13,848	14,141	14,397	14,675	14,921	15,139	15,365	15,518	15,676	15,851
Farm ... do	r 1,143	1,148	1,170	1,196	1,218	1,239	1,263	1,283	1,298	1,310	1,319	1,330	1,338
Other ... do	r 11,736	12,104	12,403	12,652	12,923	13,158	13,412	13,639	13,841	14,054	14,198	14,347	14,512
Policy loans and premium notes ... do	r 2,052	2,067	2,078	2,089	2,107	2,119	2,133	2,146	2,156	2,167	2,175	2,182	2,190
Real-estate holdings ... do	1,259	1,278	1,286	1,296	1,304	1,311	1,321	1,323	1,342	1,361	1,378	1,401	1,408
Other admitted assets ... do	r 1,382	1,457	1,493	1,529	1,488	1,495	1,506	1,450	1,468	1,499	1,531	1,511	1,497
Life Insurance Agency Management Association:													
Insurance written (new paid-for insurance):													
Value, estimated total ... mil. of dol.	2,692	2,973	2,068	r 2,355	2,463	2,284	2,428	2,295	2,219	2,165	1,946	2,233	2,446
Group ... do	881	1,142	333	649	429	316	411	343	334	281	212	253	446
Industrial ... do	455	389	395	424	486	466	505	475	420	424	449	481	453
Ordinary, total ... do	1,356	1,442	1,340	1,282	1,548	1,502	1,512	1,477	1,465	1,460	1,285	1,549	1,547
New England ... do	95	94	105	92	107	100	96	93	95	93	81	104	102
Middle Atlantic ... do	333	323	336	318	381	369	368	356	346	323	284	347	357
East North Central ... do	293	300	281	273	326	322	324	315	320	321	284	336	328
West North Central ... do	120	146	120	114	137	126	133	134	130	128	118	132	139
South Atlantic ... do	147	162	147	147	173	172	172	166	172	174	155	195	184
East South Central ... do	60	56	52	49	57	58	58	58	57	58	54	75	76
West South Central ... do	111	129	115	110	143	136	135	138	130	142	116	132	128
Mountain ... do	47	59	45	43	56	53	55	49	51	53	47	54	54
Pacific ... do	150	174	139	137	169	166	171	166	164	167	145	174	177
Institute of Life Insurance:													
Payments to policyholders and beneficiaries, estimated total ... thous. of dol.	305,847	345,502	370,946	304,142	366,291	336,397	338,335	338,256	307,283	327,525	288,393	327,648	315,371
Death claim payments ... do	136,412	137,352	157,309	129,006	153,724	146,005	149,159	142,116	135,428	148,811	122,338	147,059	136,825
Matured endowments ... do	40,493	39,566	50,856	41,556	47,349	43,726	43,178	42,984	38,234	39,785	35,119	40,377	42,448
Disability payments ... do	8,381	8,222	9,487	7,959	8,682	8,831	8,846	8,247	8,152	8,580	7,453	8,605	8,311
Annuity payments ... do	21,253	18,131	27,999	22,573	22,689	21,715	23,573	22,512	22,550	22,966	21,506	22,601	24,109
Surrender values ... do	55,930	54,309	59,291	53,161	62,476	58,309	60,249	57,296	54,131	56,691	47,832	58,909	53,220
Policy dividends ... do	43,378	87,922	66,004	49,887	71,371	57,811	53,330	65,101	48,788	50,692	54,145	50,097	50,458

r Revised. p Preliminary. [1] Less than $500,000.
‡Revisions for January-July 1950 are shown in corresponding note in the October 1951 SURVEY.

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950 November	1950 December	1951 January	1951 February	1951 March	1951 April	1951 May	1951 June	1951 July	1951 August	1951 September	1951 October	1951 November
FINANCE—Continued													
LIFE INSURANCE—Continued													
Life Insurance Association of America:													
Premium income (39 cos.), total ... thous. of dol.	491,850	757,998	550,671	511,135	591,532	489,571	525,553	548,412	502,612	517,615	508,393	r 519,296	526,031
Accident and health ... do.	43,806	67,596	44,905	49,579	60,565	47,472	61,935	51,957	50,164	62,341	48,729	56,990	59,737
Annuities ... do.	64,141	180,356	106,132	68,709	71,275	69,653	64,029	59,088	79,585	57,096	60,209	61,861	73,737
Group ... do.	37,849	60,672	49,667	44,655	48,500	43,044	42,184	42,243	44,047	46,484	37,449	45,612	41,199
Industrial ... do.	63,386	111,091	77,056	67,666	80,391	64,519	65,808	82,265	66,224	61,425	77,350	72,254	60,787
Ordinary ... do.	282,668	338,283	272,911	280,526	330,801	264,883	291,597	312,859	262,592	290,269	284,656	r 282,579	290,571
MONETARY STATISTICS													
Gold and silver:													
Gold:													
Monetary stock, U. S. ... mil. of dol.	23,037	22,706	22,392	22,086	21,806	21,805	21,756	21,756	21,759	21,854	22,013	r 22,233	p 22,382
Net release from earmark§ ... thous. of dol.	−35,311	−237,935	−248,540	−184,357	−111,239	101,914	−12,947	46,270	−8,790	136,976	176,654	243,381	188,370
Gold exports ... do.	161,750	95,825	107,834	110,136	125,704	112,842	43,357	41,422	28,374	19,183	3,397	26,326	9,360
Gold imports ... do.	3,117	2,833	2,240	2,257	2,242	2,245	2,398	3,840	12,165	15,533	14,341	7,896	7,302
Production, reported monthly total ... do.	65,276	63,086	63,257	58,910	63,526	62,877	------	------	------	------	------	------	------
Africa ... do.	37,674	37,138	37,815	35,594	37,951	37,616	38,907	38,235	38,869	39,112	------	------	------
Canada (incl. Newfoundland) ... do.	13,240	13,387	13,107	12,148	13,034	12,689	12,913	12,690	12,054	12,078	12,564	13,243	------
United States ... do.	7,293	6,708	5,917	5,196	5,784	5,529	5,536	5,921	5,464	6,648	6,397	6,628	------
Silver:													
Exports ... do.	947	2,246	3,623	282	1,932	332	273	182	565	194	675	226	88
Imports ... do.	13,870	10,602	10,999	8,101	17,486	10,016	7,015	16,828	4,686	6,616	4,807	6,975	6,284
Price at New York ... dol. per fine oz.	.800	.800	.887	.902	.902	.902	.902	.884	.902	.902	.902	.881	.880
Production:													
Canada (incl. Newfoundland) ... thous. of fine oz.	1,854	1,879	2,015	1,589	1,755	1,468	1,854	2,405	1,794	2,006	------	------	------
Mexico ... do.	4,300	4,000	5,545	5,249	1,903	3,583	2,097	2,037	2,712	1,107	6,562	------	------
United States ... do.	3,433	3,939	3,769	3,374	4,371	3,429	3,482	3,932	2,758	2,835	2,585	3,079	------
Money supply:													
Currency in circulation ... mil. of dol.	27,595	27,741	27,048	27,188	27,119	27,278	27,519	27,809	27,851	28,155	28,288	r 28,417	p 28,809
Deposits and currency, total ... do.	181,000	184,385	182,500	182,600	183,700	183,600	182,900	185,038	p 184,500	p 185,200	p 187,300	p 189,200	p 190,500
Foreign banks deposits, net ... do.	2,300	2,518	2,400	2,400	2,400	2,500	2,500	2,424	p 2,400	p 2,300	p 2,200	p 2,100	p 2,100
U. S. Government balances ... do.	4,900	4,950	4,900	6,000	8,800	7,800	6,700	7,930	p 6,300	p 6,000	p 7,200	p 5,500	p 5,600
Deposits (adjusted) and currency, total ... do.	173,900	176,917	175,200	174,200	172,500	173,300	173,700	174,684	p 175,800	p 177,000	p 177,900	p 181,600	p 182,700
Demand deposits, adjusted ... do.	90,300	92,272	91,600	90,600	89,000	89,500	89,500	88,960	p 90,700	p 91,400	p 92,000	p 95,000	p 96,300
Time deposits ... do.	58,700	59,247	59,000	59,000	59,100	59,200	59,300	59,948	p 60,000	p 60,300	p 60,500	p 60,900	p 60,600
Currency outside banks ... do.	24,900	25,398	24,600	24,600	24,400	24,600	24,900	25,776	p 25,100	p 25,300	p 25,400	p 25,700	p 25,800
Turn-over of demand deposits except interbank and U. S. Government, annual rate:													
New York City ... ratio of debits to deposits	31.4	37.2	32.9	30.7	35.5	32.5	30.0	34.4	31.1	27.0	31.7	30.4	31.4
Other leading cities ... do.	21.7	23.0	22.0	21.5	22.5	22.3	21.3	22.2	20.9	20.0	21.8	20.9	22.0
PROFITS AND DIVIDENDS (QUARTERLY)													
Manufacturing corporations (Federal Reserve):													
Profits after taxes, total (200 corps.)‡ ... mil. of dol.	------	958	------	------	r 876	------	------	r 837	------	------	p 761	------	------
Durable goods, total (106 corps.) ... do.	------	576	------	------	r 510	------	------	r 497	------	------	p 429	------	------
Primary metals and products (39 corps.) ... do.	------	206	------	------	r 188	------	------	r 193	------	------	p 176	------	------
Machinery (27 corps.) ... do.	------	140	------	------	r 90	------	------	r 82	------	------	p 73	------	------
Automobiles and equipment (15 corps.) ... do.	------	186	------	------	r 194	------	------	r 183	------	------	p 143	------	------
Nondurable goods, total (94 corps.) ... do.	------	382	------	------	r 367	------	------	r 340	------	------	p 332	------	------
Food and kindred products (28 corps.) ... do.	------	59	------	------	58	------	------	r 39	------	------	p 45	------	------
Chemicals and allied products (26 corps.) ... do.	------	127	------	------	r 129	------	------	r 121	------	------	p 112	------	------
Petroleum refining (14 corps.) ... do.	------	130	------	------	123	------	------	r 118	------	------	p 127	------	------
Dividends, total (200 corps.)‡ ... do.	------	r 874	------	------	467	------	------	r 474	------	------	p 477	------	------
Durable goods (106 corps.) ... do.	------	541	------	------	r 270	------	------	273	------	------	p 275	------	------
Nondurable goods (94 corps.) ... do.	------	333	------	------	198	------	------	201	------	------	p 202	------	------
Electric utilities, profits after taxes (Fed. Res.) ... mil. of dol.	------	211	------	------	229	------	------	195	------	------	p 168	------	------
Railways and telephone cos. (see p. S-23).													
SECURITIES ISSUED													
Commercial and Financial Chronicle:													
Securities issued, by type of security, total (new capital and refunding) ... mil. of dol.	752	840	519	834	1,233	1,064	1,161	1,302	937	634	986	------	------
New capital, total ... do.	598	630	442	649	1,022	920	946	1,106	810	441	792	------	------
Domestic, total ... do.	584	630	436	594	1,001	918	865	1,075	802	398	642	------	------
Corporate ... do.	229	394	242	365	795	660	398	706	476	248	337	------	------
Federal agencies ... do.	0	98	41	48	48	29	60	89	8	0	40	------	------
Municipal, State, etc. ... do.	356	138	154	181	158	228	407	280	319	151	265	------	------
Foreign ... do.	14	0	6	5	21	2	80	31	8	43	50	------	------
Refunding, total ... do.	154	210	77	184	211	144	215	197	127	192	194	------	------
Domestic, total ... do.	154	210	77	184	180	144	215	197	124	192	194	------	------
Corporate ... do.	74	103	13	27	82	80	13	57	29	20	20	------	------
Federal agencies ... do.	65	79	45	154	88	61	198	137	93	172	170	------	------
Municipal, State, etc. ... do.	14	28	19	3	10	4	4	3	2	1	4	------	------
Securities and Exchange Commission:													
Estimated gross proceeds, total ... do.	1,454	1,602	1,180	1,126	1,740	1,516	1,757	3,951	1,678	1,388	1,582	1,664	1,550
By type of security:													
Bonds and notes, total ... do.	1,383	1,499	1,112	1,084	1,545	1,220	1,646	3,723	1,510	1,258	1,516	1,431	1,281
Corporate ... do.	341	554	206	341	814	528	637	597	347	415	313	323	334
Common stock ... do.	23	59	34	34	143	196	89	152	131	56	31	106	105
Preferred stock ... do.	48	43	34	8	52	100	22	76	37	74	35	128	164
By type of issuer:													
Corporate, total ... do.	412	656	274	383	1,009	824	748	825	515	545	378	556	602
Manufacturing ... do.	137	169	38	65	304	411	388	367	144	253	169	252	170
Public utility ... do.	164	175	134	222	155	284	213	253	194	171	120	183	278
Railroad ... do.	19	70	44	26	30	20	14	26	18	9	23	18	71
Communication ... do.	15	5	2	2	426	24	4	3	52	3	9	14	36
Real estate and financial ... do.	42	118	28	40	20	36	50	124	75	29	15	58	14
Noncorporate, total ... do.	1,042	945	906	742	731	692	1,009	3,126	1,163	843	1,203	1,108	948
U. S. Government ... do.	655	777	730	502	520	451	581	2,830	834	656	765	651	655
State and municipal ... do.	384	166	175	185	162	234	343	284	321	152	243	371	289

r Revised. p Preliminary. §Or increase in earmarked gold (−).
‡Revisions of totals and of some components for 1949 through the 3d quarter of 1950 are available upon request.

FINANCE—Continued

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950 November	1950 December	1951 January	1951 February	1951 March	1951 April	1951 May	1951 June	1951 July	1951 August	1951 September	1951 October	1951 November
SECURITIES ISSUED—Continued													
Securities and Exchange Commission—Continued													
New corporate security issues:													
Estimated net proceeds, total......mil. of dol..	406	649	269	378	994	810	739	812	505	537	371	541	590
Proposed uses of proceeds:													
New money, total....do....	306	433	243	314	845	626	676	685	452	474	334	462	504
Plant and equipment....do....	189	242	193	243	699	504	487	431	336	352	281	367	438
Working capital....do....	117	190	49	71	146	122	189	253	116	121	53	95	66
Retirement of debt and stock, total..do....	88	168	25	57	121	129	46	112	47	43	32	56	70
Funded debt....do....	51	83	12	28	68	13	14	54	20	22	17	3	48
Other debt....do....	24	84	11	27	53	64	26	49	26	21	15	51	21
Preferred stock....do....	13	1	2	2	0	52	6	9	0	1	0	2	1
Other purposes....do....	12	49	2	6	28	55	18	15	6	20	4	23	16
Proposed uses by major groups:													
Manufacturing, total....do....	136	166	37	64	298	405	384	361	141	250	165	244	165
New money....do....	100	119	29	53	219	301	353	314	115	218	146	203	139
Retirement of debt and stock....do....	30	43	8	9	73	94	20	42	23	26	17	37	21
Public utility, total....do....	162	173	132	219	151	278	209	249	190	169	118	179	274
New money....do....	122	140	126	199	97	230	204	234	180	161	115	162	226
Retirement of debt and stock....do....	40	33	6	20	36	20	3	13	11	8	4	16	21
Railroad, total....do....	19	69	44	26	30	20	14	26	18	9	23	18	70
New money....do....	19	13	44	8	30	20	14	26	18	9	23	16	55
Retirement of debt and stock....do....	0	56	0	18	0	0	0	0	0	0	0	2	15
Communication, total....do....	15	4	2	2	423	24	4	3	51	3	8	14	35
New money....do....	8	4	2	2	422	24	4	2	51	3	8	14	35
Retirement of debt and stock....do....	7	0	0	0	[1]	[1]	[1]	[1]	[1]	[1]	[1]	0	0
Real estate and financial, total....do....	41	117	27	39	20	35	50	123	74	28	15	57	14
New money....do....	36	99	25	33	16	30	37	73	71	14	12	46	11
Retirement of debt and stock....do....	2	5	1	3	2	2	10	49	1	1	2	0	1
State and municipal issues (Bond Buyer):													
Long-term....thous. of dol..	394,581	170,557	180,040	205,771	169,623	237,662	433,961	335,166	364,091	156,214	249,434	r 381,580	288,515
Short-term....do....	202,771	176,520	115,289	158,609	89,529	191,699	162,557	105,887	74,901	84,760	36,315	r 191,104	210,915
COMMODITY MARKETS													
Volume of trading in grain futures:													
Corn....mil. of bu..	243	227	265	186	181	155	222	185	175	163	249	220	286
Wheat....do....	317	391	449	480	426	409	434	389	445	458	308	340	454
SECURITY MARKETS													
Brokers' Balances (N. Y. S. E. Members Carrying Margin Accounts)													
Cash on hand and in banks....mil. of dol..	-------	397	-------	-------	-------	-------	-------	364	-------	-------	-------	-------	-------
Customers' debit balances (net)....do....	1,360	1,356	1,411	1,367	1,304	1,286	1,287	1,275	1,266	1,260	1,290	1,291	1,279
Customers' free credit balances....do....	796	890	948	953	918	879	855	834	825	816	843	853	805
Money borrowed....do....	774	745	690	642	715	661	681	680	672	624	640	653	649
Bonds													
Prices:													
Average price of all listed bonds (N. Y. S. E.), total§....dollars..	100.82	100.93	101.18	100.90	99.30	98.72	98.28	97.86	98.48	99.23	98.72	98.29	97.82
Domestic....do....	101.30	101.45	101.69	101.38	99.77	99.24	98.79	98.37	98.98	99.73	99.22	98.78	98.30
Foreign....do....	71.88	70.41	71.71	72.56	71.94	71.85	71.70	71.78	73.10	73.66	72.93	73.00	72.65
Standard and Poor's Corporation:													
Industrial, utility, and railroad (A1+issues):													
Composite (17 bonds)....dol. per $100 bond..	121.1	121.1	121.4	121.3	119.4	117.8	117.4	116.6	116.2	117.1	118.0	116.9	115.3
Domestic municipal (15 bonds)....do....	137.0	137.4	140.5	140.7	135.5	131.9	131.1	128.6	129.4	132.1	132.0	131.3	131.6
U. S. Treasury bonds, taxable....do....	101.69	101.53	101.56	101.44	100.28	98.93	97.90	97.62	97.93	98.90	99.10	98.22	97.52
Sales:													
Total, excluding U. S. Government bonds:													
All registered exchanges:													
Market value....thous. of dol..	76,914	97,580	112,608	77,203	72,842	106,614	69,822	54,048	52,767	53,065	54,075	66,533	47,052
Face value....do....	94,709	120,019	135,822	86,108	83,272	108,793	80,270	63,267	66,368	60,666	62,621	79,818	56,942
New York Stock Exchange:													
Market value....do....	74,646	95,099	110,023	74,563	70,081	104,014	67,378	51,192	50,590	51,120	52,560	64,609	45,275
Face value....do....	91,786	116,476	132,186	82,658	79,406	105,659	77,369	60,114	62,649	57,957	60,534	75,600	53,328
New York Stock Exchange, exclusive of stopped sales, face value, total§....thous. of dol..	87,260	111,222	120,000	86,996	76,668	76,030	67,814	55,399	56,400	52,111	56,211	67,291	48,559
U. S. Government....do....	13	23	1	0	9	1,946	5	0	2	0	0	10	0
Other than U. S. Government, total§....do....	87,247	111,199	119,999	86,996	76,659	74,084	67,809	55,399	56,398	52,111	56,211	67,281	48,559
Domestic....do....	78,641	101,824	110,535	77,384	68,618	67,413	61,391	49,191	45,698	45,548	49,960	58,350	41,895
Foreign....do....	8,602	9,355	9,446	9,592	8,009	6,601	6,408	6,179	10,650	6,515	6,192	8,867	6,613
Value, issues listed on N. Y. S. E.:													
Market value, total, all issues§....mil. of dol..	118,507	115,952	116,165	115,801	114,382	100,247	99,938	97,818	98,457	99,271	97,925	97,511	97,151
Domestic....do....	116,870	114,347	114,541	114,163	112,758	98,630	98,278	96,163	96,777	97,580	96,290	95,876	95,427
Foreign....do....	1,385	1,354	1,374	1,389	1,377	1,373	1,369	1,366	1,389	1,399	1,347	1,345	1,339
Face value, total, all issues§....do....	117,544	114,889	114,808	114,769	115,183	101,545	101,692	99,958	99,975	100,045	99,197	99,206	99,318
Domestic....do....	115,367	112,716	112,643	112,605	113,019	99,384	99,482	97,754	97,775	97,846	97,050	97,063	97,075
Foreign....do....	1,927	1,923	1,916	1,914	1,914	1,912	1,910	1,904	1,900	1,899	1,847	1,843	1,843
Yields:													
Domestic corporate (Moody's)....percent..	2.88	2.88	2.86	2.85	2.96	3.07	3.09	3.16	3.17	3.12	3.08	3.13	3.20
By ratings:													
Aaa....do....	2.67	2.67	2.66	2.66	2.78	2.87	2.89	2.94	2.94	2.88	2.84	2.89	2.96
Aa....do....	2.72	2.72	2.71	2.71	2.82	2.93	2.93	2.99	2.99	2.92	2.88	2.93	3.02
A....do....	2.92	2.91	2.89	2.88	3.00	3.11	3.15	3.21	3.23	3.17	3.15	3.18	3.26
Baa....do....	3.22	3.20	3.17	3.16	3.23	3.35	3.40	3.49	3.53	3.50	3.46	3.50	3.56
By groups:													
Industrial....do....	2.70	2.70	2.69	2.69	2.81	2.89	2.90	2.96	2.97	2.92	2.89	2.93	2.97
Public utility....do....	2.86	2.87	2.85	2.86	2.96	3.07	3.10	3.18	3.19	3.13	3.09	3.14	3.21
Railroad....do....	3.08	3.07	3.03	3.01	3.11	3.24	3.28	3.33	3.36	3.31	3.27	3.31	3.42
Domestic municipal:													
Bond Buyer (20 bonds)....do....	1.75	1.70	1.58	1.63	1.82	1.94	2.07	2.21	2.06	2.00	2.05	2.04	2.07
Standard and Poor's Corp. (15 bonds)....do....	1.79	1.77	1.62	1.61	1.87	2.05	2.09	2.22	2.18	2.04	2.05	2.08	2.07
U. S. Treasury bonds, taxable....do....	2.38	2.39	2.39	2.40	2.47	2.56	2.63	2.65	2.63	2.57	2.56	2.61	2.66

r Revised. [1] Less than $500,000.

§Sales and value figures include bonds of the International Bank for Reconstruction and Development not shown separately; these bonds are included also in computing average price of all listed bonds.

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950		1951										
	November	December	January	February	March	April	May	June	July	August	September	October	November

FINANCE—Continued

	Nov. 1950	Dec. 1950	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
SECURITY MARKETS—Continued													
Stocks													
Cash dividend payments publicly reported:													
Total dividend payments ..... mil. of dol.	242.1	2,138.7	494.1	214.2	1,066.2	516.4	209.5	1,116.3	524.6	216.7	1,132.7	532.9	224.0
Finance ..... do	38.0	198.8	105.9	39.5	70.9	83.1	40.1	76.8	124.1	41.6	80.6	104.3	43.5
Manufacturing ..... do	129.1	1,459.3	174.0	105.2	688.3	204.3	107.9	729.6	203.8	102.2	757.3	211.5	106.1
Mining ..... do	2.5	139.1	4.0	1.8	77.1	8.0	1.4	87.8	5.8	2.0	91.1	7.3	1.2
Public utilities:													
Communications ..... do	.6	39.8	72.2	.7	38.3	74.9	.7	24.3	74.8	.7	25.1	82.2	.7
Heat, light, and power ..... do	43.4	75.3	49.5	41.5	67.4	54.4	44.7	69.1	51.8	47.1	66.6	56.1	49.4
Railroad ..... do	15.1	91.4	12.8	8.0	60.3	25.0	3.5	55.0	11.1	10.9	40.7	13.0	10.9
Trade ..... do	8.3	87.4	64.9	15.2	40.3	54.9	8.5	47.8	39.3	7.7	50.0	41.7	8.2
Miscellaneous ..... do	5.1	47.6	10.8	2.3	23.6	11.8	2.7	25.9	13.9	4.5	21.3	16.8	4.0
Dividend rates, prices, yields, and earnings, 200 common stocks (Moody's):													
Dividends per share, annual rate (200 stocks) dollars	4.04	4.06	4.11	4.11	4.11	4.15	4.15	4.15	4.18	4.11	4.12	4.09	3.92
Industrial (125 stocks) ..... do	4.40	4.44	4.49	4.48	4.49	4.52	4.51	4.53	4.55	4.45	4.47	4.43	4.19
Public utility (24 stocks) ..... do	1.85	1.85	1.85	1.85	1.86	1.87	1.87	1.87	1.87	1.88	1.90	1.90	1.90
Railroad (25 stocks) ..... do	2.45	2.47	2.54	2.55	2.55	2.58	2.58	2.58	2.58	2.58	2.55	2.55	2.58
Bank (15 stocks) ..... do	2.60	2.61	2.65	2.65	2.65	2.65	2.65	2.63	2.63	2.63	2.63	2.63	2.63
Insurance (10 stocks) ..... do	2.66	2.71	2.71	2.71	2.71	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73
Price per share, end of month (200 stocks) ..... do	59.37	61.80	65.01	65.57	64.25	67.20	65.39	63.40	67.45	70.10	69.73	67.97	67.80
Industrial (125 stocks) ..... do	61.77	64.46	68.21	68.61	67.40	71.15	68.88	66.75	71.28	74.46	74.09	72.07	71.48
Public utility (24 stocks) ..... do	30.34	30.81	31.86	32.82	31.77	31.78	31.99	31.70	32.67	33.13	32.87	32.94	33.26
Railroad (25 stocks) ..... do	35.70	40.95	44.34	42.90	40.52	42.17	40.04	36.68	39.93	40.76	41.57	39.79	39.97
Yield (200 stocks) ..... percent	6.80	6.57	6.32	6.27	6.40	6.18	6.35	6.55	6.20	5.86	5.91	6.02	5.78
Industrial (125 stocks) ..... do	7.12	6.89	6.58	6.53	6.66	6.35	6.55	6.79	6.38	5.98	6.03	6.15	5.86
Public utility (24 stocks) ..... do	6.10	6.00	5.81	5.64	5.85	5.88	5.85	5.90	5.72	5.67	5.78	5.77	5.71
Railroad (25 stocks) ..... do	6.86	6.03	5.73	5.94	6.29	6.12	6.44	7.03	6.46	6.33	6.13	6.41	6.45
Bank (15 stocks) ..... do	4.61	4.71	4.73	4.48	4.61	4.74	4.77	4.86	4.79	4.67	4.70	4.77	4.64
Insurance (10 stocks) ..... do	3.43	3.43	3.52	3.52	3.45	3.41	3.49	3.48	3.35	3.20	3.28	3.44	3.47
Earnings per share (at annual rate), quarterly:													
Industrial (125 stocks) ..... dollars		9.08			[r] 7.55			[r] 7.44			[r] 6.14		
Public utility (24 stocks) ..... do		2.62			2.60			2.53			2.44		
Railroad (25 stocks) ..... do		11.84			3.47			5.52			4.71		
Dividend yields, preferred stocks, 11 high-grade (Standard and Poor's Corp.) ..... percent	3.88	3.89	3.87	3.87	4.00	4.11	4.15	4.17	4.20	4.13	4.16	4.19	4.23
Prices:													
Dow-Jones & Co., Inc. (65 stocks) ..... dol. per share	82.56	84.24	90.86	94.98	92.39	92.86	92.57	90.46	91.29	95.19	98.11	97.82	94.44
Industrial (30 stocks) ..... do	229.38	229.26	244.45	253.32	249.50	253.36	254.36	249.32	253.60	264.92	273.36	269.73	259.61
Public utility (15 stocks) ..... do	40.41	39.59	42.06	42.87	43.03	42.36	42.28	42.55	43.75	45.06	45.40	46.04	46.22
Railroad (20 stocks) ..... do	68.32	74.04	82.05	88.09	82.66	82.59	81.37	78.06	77.04	80.53	83.91	84.25	79.73
Standard and Poor's Corporation:													
Industrial, public utility, and railroad:§													
Combined index (416 stocks) ..... 1935-39=100	156.1	158.4	168.6	174.7	170.3	172.3	173.9	171.7	172.8	181.5	187.3	185.0	177.7
Industrial, total (365 stocks) ..... do	168.8	171.2	182.6	189.6	184.4	187.3	189.3	186.9	188.1	198.3	205.2	202.3	193.3
Capital goods (121 stocks) ..... do	159.9	164.3	175.2	181.5	175.0	179.4	181.9	179.2	179.9	190.7	197.1	193.3	182.6
Consumers' goods (182 stocks) ..... do	160.2	157.8	165.9	171.0	169.0	168.8	167.9	163.1	163.7	168.0	172.9	171.4	164.6
Public utility (31 stocks) ..... do	105.0	104.4	108.6	111.0	111.2	110.2	110.5	110.2	111.5	114.4	115.8	115.2	114.7
Railroad (20 stocks) ..... do	126.5	139.4	152.8	159.1	148.7	148.7	147.5	141.6	139.4	147.1	152.8	154.7	144.2
Banks, N. Y. C. (19 stocks) ..... do	104.6	105.2	106.3	109.8	110.2	106.1	105.6	105.4	104.2	105.8	108.0	106.4	109.0
Fire and marine insurance (18 stocks) ..... do	180.2	184.2	185.7	180.5	180.7	181.9	183.4	182.7	184.9	193.0	195.4	187.5	182.9
Sales (Securities and Exchange Commission):													
Total on all registered exchanges:													
Market value ..... mil. of dol	1,864	2,261	2,969	2,086	1,683	1,547	2,027	1,337	1,354	1,626	1,707	2,045	1,417
Shares sold ..... thousands	66,685	93,209	122,363	82,631	67,480	67,024	74,211	52,456	53,154	59,483	66,387	85,294	65,12[illegible]
On New York Stock Exchange:													
Market value ..... mil. of dol	1,618	1,981	2,572	1,791	1,442	1,320	1,746	1,143	1,171	1,393	1,445	[r] 1,714	1,20[illegible]
Shares sold ..... thousands	51,231	72,737	91,995	61,534	53,327	50,583	56,928	40,667	42,438	44,583	48,206	60,208	47,44[illegible]
Exclusive of odd lot and stopped sales (N. Y. Times) ..... thousands	43,085	59,820	70,181	41,234	35,625	34,290	38,457	27,402	27,989	33,642	36,395	42,531	25,67[illegible]
Shares listed, New York Stock Exchange:													
Market value, all listed shares ..... mil. of dol	89,506	93,807	99,340	100,246	98,112	102,747	100,120	97,920	104,610	108,307	108,911	106,439	106,30[illegible]
Number of shares listed ..... millions	2,233	2,353	2,384	2,391	2,421	2,437	2,452	2,528	2,557	2,568	2,581	2,592	2,60[illegible]

INTERNATIONAL TRANSACTIONS OF THE UNITED STATES

	Nov. 1950	Dec. 1950	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
BALANCE OF PAYMENTS (QUARTERLY)													
Exports of goods and services, total ..... mil. of dol		4,148			4,375			5,283			5,076		
Merchandise, adjusted ..... do		3,106			3,414			4,091			3,821		
Income on investments abroad ..... do		518			396			471			511		
Other services ..... do		524			565			721			744		
Imports of goods and services, total ..... do		3,515			3,915			3,938			3,580		
Merchandise, adjusted ..... do		2,815			3,217			3,133			2,631		
Income on foreign investments in U. S ..... do		146			86			99			93		
Other services ..... do		554			612			706			856		
Balance on goods and services ..... do		+633			+460			+1,345			+1,496		
Unilateral transfers (net), total ..... do		−1,237			−1,147			−1,375			−1,196		
Private ..... do		−127			−112			−96			−94		
Government ..... do		−1,110			−1,035			−1,279			−1,102		
U. S. long- and short-term capital (net), total ..... do		−264			−353			−370			−29		
Private ..... do		−258			−294			−287			−2		
Government ..... do		−6			−59			−83			−27		
Foreign long- and short-term capital (net) ..... do		+187			+1			+108			0		
Increase (−) or decrease (+) in U. S. gold stock mil. of dol		+771			+893			+55			−292		
Errors and omissions ..... do		−90			+146			+237			+21		

[r] Revised. [p] Preliminary.
§ Number of stocks represents number currently used; the change in the number does not affect the continuity of the series.

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950 November	1950 December	1951 January	1951 February	1951 March	1951 April	1951 May	1951 June	1951 July	1951 August	1951 September	1951 October	1951 November

INTERNATIONAL TRANSACTIONS OF THE UNITED STATES—Continued

FOREIGN TRADE													
Indexes													
Exports of U. S. merchandise:													
Quantity ... 1936-38=100	209	221	199	215	253	265	260	249	232	249	248	233	----------
Value ... do	397	431	393	435	519	556	550	524	483	516	501	471	----------
Unit value ... do	189	195	197	202	205	210	211	211	209	207	202	202	----------
Imports for consumption:													
Quantity ... do	152	151	172	151	167	152	148	140	137	139	118	141	----------
Value ... do	411	418	496	443	504	471	461	446	432	435	362	425	----------
Unit value ... do	271	276	289	293	302	309	311	319	316	313	307	301	----------
Agricultural products, quantity:													
Exports, domestic, total:													
Unadjusted ... 1924-29=100	86	97	83	102	104	130	105	92	74	90	106	117	----------
Adjusted ... do	67	80	82	125	120	165	132	117	101	99	86	81	----------
Total, excluding cotton:													
Unadjusted ... do	117	129	119	141	155	190	155	150	126	155	157	149	----------
Adjusted ... do	101	117	123	179	181	231	174	177	157	151	125	113	----------
Imports for consumption:													
Unadjusted ... do	109	103	140	118	132	112	104	99	103	107	91	102	----------
Adjusted ... do	114	103	133	116	116	104	107	109	114	116	95	103	----------
Shipping Weight													
Water-borne trade:													
Exports, incl. reexports¶ ... thous. of long tons	5,306	4,414	4,225	5,130	6,232	8,758	9,714	9,526	9,190	11,170	----------	----------	----------
General imports ... do	7,601	7,421	7,771	7,283	7,537	7,560	7,849	8,193	8,033	7,635	6,663	----------	----------
Value													
Exports, including reexports, total¶ ... mil. of dol	978	1,065	974	1,076	1,284	1,372	1,355	1,292	1,189	1,267	r 1,232	r 1,155	1,386
By geographic regions:													
Africa ... thous. of dol	28,744	42,345	34,530	35,365	50,184	48,210	59,051	48,590	56,157	58,052	58,700	34,392	----------
Asia and Oceania ... do	143,850	152,489	155,000	161,943	211,371	233,929	184,989	191,946	189,782	198,660	205,886	181,903	----------
Europe ... do	248,411	286,691	244,352	299,237	318,606	386,509	368,222	338,448	285,078	307,127	328,988	347,208	----------
Northern North America ... do	196,498	185,902	195,809	194,816	231,960	263,702	255,608	236,679	202,603	203,449	200,305	214,672	----------
Southern North America ... do	134,558	135,580	130,237	120,472	163,047	149,135	139,995	138,451	136,375	147,259	136,471	131,159	----------
South America ... do	140,959	150,367	135,824	143,182	174,408	172,131	174,082	186,304	183,012	198,183	177,155	133,857	----------
Total exports by leading countries:													
Africa:													
Egypt ... do	3,570	4,531	5,357	4,941	4,446	4,794	8,078	7,313	6,804	8,649	10,624	7,736	----------
Union of South Africa ... do	9,946	12,511	12,436	10,866	19,192	24,574	29,089	21,821	23,899	25,444	25,702	13,859	----------
Asia and Oceania:													
Australia, including New Guinea ... do	10,014	10,832	11,147	7,430	15,167	13,168	8,270	12,826	16,731	13,585	13,936	14,304	----------
British Malaya ... do	2,441	1,533	4,217	4,893	4,304	5,463	4,274	4,447	5,489	6,003	4,887	3,662	----------
China ... do	1,547	79	0	0	0	0	0	0	0	0	0	0	----------
India and Pakistan ... do	20,468	24,042	28,321	19,673	34,535	39,536	35,413	30,370	33,751	41,314	36,870	41,440	----------
Japan ... do	35,233	42,073	37,765	57,582	67,907	73,194	51,132	44,735	36,010	34,303	39,456	40,805	----------
Indonesia ... do	7,223	9,465	8,880	10,504	18,368	15,799	15,318	14,628	14,692	15,341	16,265	7,163	----------
Republic of the Philippines ... do	19,988	24,303	19,586	17,980	24,107	27,241	24,026	34,323	31,273	35,352	35,807	27,044	----------
Europe:													
France ... do	35,037	36,020	29,209	26,206	27,290	41,331	36,553	39,087	37,389	33,244	34,268	33,233	----------
Germany ... do	40,149	38,463	32,381	48,176	40,808	44,296	40,156	41,786	33,688	41,275	49,222	44,227	----------
Italy ... do	21,785	38,325	28,425	41,141	44,385	62,470	72,186	38,689	20,520	24,155	20,711	24,716	----------
Union of Soviet Socialist Republics ... do	74	51	7	15	2	4	3	13	7	2	(1)	(1)	----------
United Kingdom ... do	49,790	47,418	41,899	55,643	63,498	69,621	56,423	68,116	71,510	77,439	95,292	101,375	----------
North and South America:													
Canada, incl. Newfoundland and Labrador ... do	196,480	185,891	195,807	194,814	231,954	263,687	255,564	236,676	202,548	203,446	200,239	214,627	----------
Latin-American Republics, total ... do	264,535	274,101	255,566	253,202	322,314	307,982	300,478	312,158	307,366	330,000	297,982	252,766	----------
Argentina ... do	14,624	12,774	13,577	16,320	16,333	19,010	20,231	24,368	23,960	25,220	19,723	13,904	----------
Brazil ... do	44,385	44,636	36,902	44,840	49,956	45,919	54,579	58,337	61,060	69,125	74,363	51,765	----------
Chile ... do	6,084	10,430	8,963	9,807	16,538	13,277	16,218	16,554	17,408	15,902	11,625	7,647	----------
Colombia ... do	18,706	22,075	16,972	14,110	19,063	22,250	20,795	24,006	20,089	19,348	17,145	13,191	----------
Cuba ... do	42,749	45,465	46,362	44,815	59,705	48,834	40,752	42,502	41,792	43,071	38,829	39,865	----------
Mexico ... do	57,376	57,481	52,945	44,151	60,226	61,916	60,952	60,310	59,379	64,391	59,505	62,676	----------
Venezuela ... do	36,927	37,959	37,880	34,291	46,260	45,523	38,414	39,531	35,247	39,025	32,393	27,702	----------
Exports of U. S. merchandise, total¶ ... mil. of dol	966	1,052	959	1,061	1,265	1,354	1,340	1,278	1,178	1,257	r 1,222	r 1,148	1,376
By economic classes:													
Crude materials ... thous. of dol	173,449	186,824	145,790	174,055	173,226	228,515	203,953	148,461	128,030	151,830	205,611	271,710	----------
Crude foodstuffs ... do	72,109	80,124	79,206	114,324	123,998	163,562	137,880	135,776	105,050	118,207	106,297	97,774	----------
Manufactured foodstuffs and beverages ... do	53,526	56,971	56,976	59,253	76,416	83,208	73,050	83,289	72,231	78,316	65,570	61,709	----------
Semimanufactures♀ ... do	106,506	117,274	104,859	109,710	131,288	134,543	142,570	153,941	154,995	149,807	145,363	127,630	----------
Finished manufactures♀ ... do	559,980	610,507	572,160	603,322	759,726	744,371	782,989	756,391	717,956	759,114	697,156	588,168	----------
By principal commodities:													
Agricultural products, total ... do	264,911	301,925	252,021	307,874	331,108	419,984	355,214	310,403	251,015	276,286	305,683	348,375	----------
Cotton, unmanufactured ... do	79,581	97,912	70,348	98,932	83,756	117,761	93,532	50,660	32,663	32,139	70,817	116,103	----------
Fruits, vegetables, and preparations ... do	14,114	15,244	12,484	13,398	17,917	14,523	15,912	16,417	13,799	17,116	16,738	21,340	----------
Grains and preparations ... do	78,102	86,685	89,383	122,170	130,715	177,297	138,191	131,766	111,027	128,156	115,935	103,443	----------
Packing-house products ... do	12,837	17,739	18,452	19,403	25,180	29,339	26,797	23,552	24,130	19,554	18,703	16,292	----------
Nonagricultural products, total ... do	700,660	749,774	706,970	752,790	933,546	934,215	985,227	967,455	927,249	980,988	914,311	798,615	----------
Aircraft, parts, and accessories§ ... do	2,672	1,357	1,351	1,320	1,981	1,850	1,007	3,650	2,565	1,536	2,362	457	----------
Automobiles, parts, and accessories§ ... do	71,071	71,276	78,423	87,301	104,885	108,780	108,627	102,955	101,202	101,756	98,936	73,576	----------
Chemicals and related products ... do	67,141	66,528	58,105	62,981	78,634	82,562	85,814	93,034	89,259	91,503	85,327	71,109	----------
Copper and manufactures ... do	5,884	10,361	4,491	8,221	7,653	9,500	7,366	7,249	7,376	3,738	3,067	6,814	----------
Iron and steel-mill products ... do	39,616	39,929	46,289	42,030	55,384	48,112	50,173	47,387	48,563	48,939	54,803	45,874	----------
Machinery, total§ ... do	223,363	246,908	229,645	248,739	318,976	310,314	325,672	280,737	305,938	297,653	254,127	224,946	----------
Agricultural ... do	7,819	8,460	8,289	10,436	12,584	13,621	13,017	13,320	14,015	15,301	10,631	9,384	----------
Tractors, parts, and accessories§ ... do	19,545	22,145	24,064	21,503	31,173	31,765	28,508	25,160	28,742	22,956	21,163	22,294	----------
Electrical§ ... do	40,028	40,923	41,576	36,449	47,056	48,993	49,772	51,116	47,796	50,401	46,051	36,120	----------
Metal working ... do	16,312	17,236	15,494	13,577	16,237	17,895	15,687	16,928	17,267	15,346	15,692	12,059	----------
Other industrial ... do	81,718	88,435	83,425	79,152	102,162	101,403	99,107	97,597	96,768	104,725	92,334	85,153	----------
Petroleum and products ... do	48,478	53,960	40,433	39,443	56,127	59,130	65,061	60,974	76,389	85,444	83,879	71,562	----------
Textiles and manufactures ... do	52,052	54,209	58,752	59,500	85,530	79,071	75,645	77,546	61,305	63,192	62,354	49,742	----------

r Revised. 1 Less than $500. ¶ Total exports and various component items include MDAP shipments as follows (mil. of dol.): November 1950–November 1951, respectively—53.9; 76.3; 1.8; 94.8; 96.7; 83.5; 129.2; 112.8; 89.0; 115.3; 81.2; 58.8; 84.1. Beginning July 1950, certain items classed as "special category" exports, although included in total exports, are excluded from water-borne trade and from area and and country data.

♀ Data for semimanufactures reported as "special category, type 1" are included with finished manufactures.

§ Excludes "special category" exports not shown separately for security reasons.

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950 November	1950 December	1951 January	1951 February	1951 March	1951 April	1951 May	1951 June	1951 July	1951 August	1951 September	1951 October	1951 November

INTERNATIONAL TRANSACTIONS OF THE UNITED STATES—Continued

FOREIGN TRADE—Continued													
Value—Continued													
General imports, total .... thous. of dol.	854,150	866,715	1,023,247	908,952	1,099,654	r 1,032,661	1,017,638	929,343	893,886	880,070	718,080	832,382	818,400
By geographic regions:													
Africa .... do	35,394	55,921	56,944	44,836	67,084	69,457	76,227	55,326	39,767	40,225	25,925	40,374	
Asia and Oceania .... do	216,103	200,777	248,965	187,250	267,210	270,138	242,571	236,833	227,508	228,077	155,518	143,526	
Europe .... do	166,075	156,631	180,513	173,933	192,819	181,479	189,579	178,729	175,591	161,884	146,067	147,549	
Northern North America .... do	187,318	186,495	184,244	153,920	190,830	191,764	202,106	191,803	189,554	192,101	171,906	218,426	
Southern North America .... do	87,032	91,256	116,191	128,690	129,774	118,044	99,588	95,447	100,317	84,933	76,515	90,136	
South America .... do	162,228	175,636	236,391	220,323	251,938	201,779	207,568	171,204	161,148	172,850	142,150	192,371	
By leading countries:													
Africa:													
Egypt .... do	355	3,268	4,572	486	291	19,652	12,936	5,161	268	789	275	660	
Union of South Africa .... do	11,426	17,789	14,830	15,638	15,925	15,202	12,669	14,390	8,533	7,851	5,416	9,629	
Asia and Oceania:													
Australia, including New Guinea .... do	17,099	19,770	12,255	9,458	42,247	58,351	62,048	49,933	22,857	38,327	7,105	14,898	
British Malaya .... do	39,530	39,189	54,808	33,593	38,429	43,273	24,378	36,315	52,373	38,665	31,980	27,720	
China .... do	13,829	16,307	12,688	5,700	4,946	2,722	2,886	2,062	2,242	1,632	1,241	1,136	
India and Pakistan .... do	27,672	20,254	36,775	27,306	37,547	38,003	32,117	36,320	32,380	24,394	17,403	19,903	
Japan .... do	19,851	17,614	17,640	16,736	20,097	17,121	26,810	16,564	15,024	18,280	12,289	14,369	
Indonesia .... do	20,321	23,264	33,603	19,455	25,550	19,751	19,526	18,322	25,335	29,665	19,347	19,457	
Republic of the Philippines .... do	21,547	19,348	21,606	31,287	29,447	31,165	30,382	25,512	23,363	22,302	17,907	17,313	
Europe:													
France .... do	19,390	21,423	24,788	24,396	31,776	26,390	28,006	21,375	21,243	24,820	16,333	15,432	
Germany .... do	16,178	14,756	18,090	14,312	19,117	18,212	21,415	24,652	24,549	21,170	16,905	19,034	
Italy .... do	13,904	11,945	13,012	12,572	13,588	13,229	10,967	12,476	9,763	10,699	9,358	8,884	
Union of Soviet Socialist Republics .... do	1,439	1,899	2,259	2,112	1,338	2,207	1,593	2,790	2,014	3,259	1,141	3,311	
United Kingdom .... do	42,585	32,609	37,238	38,546	36,640	42,581	45,720	38,664	44,252	40,409	33,219	33,372	
North and South America:													
Canada, incl. Newfoundland and Labrador thous. of dol.	187,308	186,485	184,113	153,676	190,805	191,599	202,098	192,653	189,253	191,788	171,269	218,041	
Latin-American Republics, total .... do	231,378	246,208	330,892	330,318	363,188	303,312	291,678	250,705	248,024	244,866	207,934	264,160	
Argentina .... do	17,388	13,977	27,354	25,881	34,734	32,845	29,975	16,805	11,970	10,505	7,736	6,643	
Brazil .... do	68,762	63,174	85,428	84,856	100,704	64,452	68,528	64,596	54,670	65,527	62,817	83,440	
Chile .... do	13,534	19,521	15,346	16,007	15,400	27,584	22,076	15,556	10,815	18,256	13,863	17,819	
Colombia .... do	22,675	20,605	34,968	27,081	27,616	19,237	27,162	26,894	37,203	33,541	22,901	34,613	
Cuba .... do	24,916	18,506	30,822	40,819	43,636	41,289	33,026	34,073	38,741	40,324	34,412	35,440	
Mexico .... do	31,322	35,142	31,546	29,951	33,055	29,124	26,464	23,979	26,096	19,162	20,990	26,426	
Venezuela .... do	25,078	24,905	29,051	26,167	26,551	25,866	30,966	27,332	26,733	25,998	22,208	29,811	
Imports for consumption, total .... do	843,499	857,193	1,018,206	908,522	1,033,285	965,681	945,691	914,062	886,427	891,993	742,632	870,708	827,50
By economic classes:													
Crude materials .... do	255,658	270,563	329,752	282,875	309,439	337,643	297,673	299,729	292,306	288,785	236,512	256,679	
Crude foodstuffs .... do	142,245	148,227	207,173	201,381	233,978	159,548	171,193	147,244	136,598	143,849	122,075	167,016	
Manufactured foodstuffs and beverages .... do	73,845	63,689	77,052	87,028	93,103	89,547	91,511	92,570	92,468	88,352	75,186	92,786	
Semimanufactures .... do	215,610	227,931	240,878	201,261	226,793	215,764	221,206	216,507	199,400	204,559	168,335	191,733	
Finished manufactures .... do	156,141	146,783	163,353	135,977	169,973	163,179	164,108	158,013	165,655	166,449	140,524	162,495	
By principal commodities:													
Agricultural products, total .... do	364,907	356,388	507,407	477,483	538,806	479,006	452,341	427,710	404,913	412,198	331,425	388,367	
Coffee .... do	88,085	84,139	142,608	139,406	153,040	96,645	100,701	90,223	86,897	87,818	80,560	117,074	
Hides and skins .... do	11,456	8,483	11,460	8,530	10,728	10,858	13,038	13,370	15,128	14,504	14,214	9,757	
Rubber, crude, including guayule .... do	68,441	71,309	101,057	63,457	74,347	73,232	51,853	69,369	87,430	76,436	59,537	52,759	
Silk, unmanufactured .... do	2,521	2,020	2,102	1,838	2,081	1,626	1,216	1,287	1,035	1,625	2,003	2,549	
Sugar .... do	18,089	14,564	29,381	41,921	40,626	r 39,717	33,985	32,399	38,655	38,043	29,106	29,570	
Wool and mohair, unmanufactured .... do	39,188	38,216	66,291	53,674	84,842	105,037	84,706	70,942	48,116	57,619	34,131	42,153	
Nonagricultural products, total .... do	478,593	500,805	510,800	431,039	494,479	486,675	493,350	486,352	481,514	479,795	411,207	482,341	
Furs and manufactures .... do	9,313	11,032	14,130	10,320	11,798	16,638	8,534	8,913	7,503	8,059	5,336	7,515	
Nonferrous ores, metals, and manufactures, total .... thous. of dol.	79,391	104,738	93,093	61,172	75,522	69,182	57,416	71,740	67,477	78,206	58,008	69,764	
Copper, incl. ore and manufactures .... do	19,917	28,118	23,466	22,662	17,959	21,909	23,303	24,457	23,493	30,744	25,670	22,557	
Tin, including ore .... do	15,182	19,158	27,066	15,443	22,680	13,297	8,002	12,930	13,090	10,251	5,860	14,287	
Paper base stocks .... do	28,024	27,808	32,393	31,035	31,204	29,240	38,598	44,995	41,727	35,240	31,168	36,180	
Newsprint .... do	37,167	41,058	39,742	32,947	44,057	39,356	43,525	41,361	42,994	47,695	38,758	50,069	
Petroleum and products .... do	50,736	53,956	59,661	50,531	50,423	51,223	52,425	52,578	48,447	44,881	42,911	51,022	

TRANSPORTATION AND COMMUNICATIONS

TRANSPORTATION													
Airlines													
Operations on scheduled airlines:													
Miles flown, revenue .... thousands	26,067	27,926	28,445	25,316	29,780	29,085	30,813	29,318	32,229	32,551	31,529	32,144	
Express and freight carried .... short tons	22,780	25,014	19,758	21,182	21,662	18,111	19,085	17,173	15,543	17,909	r 17,853	19,106	
Express and freight ton-miles flown .... thousands	13,918	14,892	12,258	13,087	13,620	11,287	11,902	10,327	9,739	11,318	11,165	12,203	
Mail ton-miles flown .... do	4,112	6,232	4,463	4,704	5,124	4,541	5,035	4,805	4,612	5,029	4,938	5,717	
Passengers carried, revenue .... do	1,326	1,365	1,421	1,324	1,660	1,708	1,804	1,866	1,861	1,960	1,895	1,878	
Passenger-miles flown, revenue .... do	620,156	684,444	722,163	663,767	835,920	834,685	859,130	922,856	914,367	956,974	934,584	919,952	
Express Operations													
Operating revenues .... thous. of dol.	18,312	21,890	18,294	18,007	19,377	18,769	18,895	17,852	17,172	17,389	17,845		
Operating income .... do	194	195	61	39	80	24	6	d 18	d 2	76	146		
Local Transit Lines													
Fares, average cash rate .... cents	10.1630	10.1995	10.2360	10.2676	10.4185	10.4818	10.5231	10.5231	10.5645	10.6010	10.6642	10.6813	10.70
Passengers carried, revenue .... millions	1,128	1,185	1,157	1,045	1,173	1,105	1,117	1,048	989	1,016	1,012	1,103	1,0
Operating revenues‡ .... thous. of dol.	r 122,700	r 136,800	r 126,600	r 117,200	129,600	125,700	127,300	120,500	117,300	124,800	114,800	130,200	
Class I Steam Railways													
Freight carloadings (A. A. R.):♂													
Total cars .... thousands	r 3,242	3,629	3,009	2,700	3,785	3,152	3,233	4,039	2,992	3,291	4,142	3,478	3,1
Coal .... do	599	742	632	546	689	546	537	710	444	589	755	653	
Coke .... do	63	75	64	61	81	61	65	83	63	66	79	64	
Forest products .... do	182	218	187	164	229	193	197	241	168	194	227	189	
Grain and grain products .... do	223	256	214	182	247	198	178	216	212	217	254	219	
Livestock .... do	50	49	38	24	35	34	33	34	27	34	69	73	
Ore .... do	223	96	68	65	101	216	330	452	356	361	422	312	
Merchandise, l. c. l. .... do	r 331	380	308	284	425	324	309	366	268	296	368	304	
Miscellaneous .... do	r 1,570	1,814	1,498	1,373	1,979	1,580	1,582	1,937	1,454	1,533	1,967	1,664	1,

r Revised. d Deficit.
♂ Data for December 1950 and March, June, and September 1951 are for 5 weeks; other months, 4 weeks.
‡ Revised data for January–October 1950 are as follows (thous. of dol.): 120,700; 113,600; 123,300; 120,900; 124,000; 117,000; 112,600; 121,200; 113,900; 125,400.

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950		1951										
	November	December	January	February	March	April	May	June	July	August	September	October	November

TRANSPORTATION AND COMMUNICATIONS—Continued

	Nov. 1950	Dec. 1950	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
TRANSPORTATION—Continued													
Class I Steam Railways—Continued													
Freight carloadings (Federal Reserve indexes):													
Total, unadjusted ... 1935-39=100	139	130	133	119	130	133	135	137	130	137	144	146	140
Coal ... do	126	129	133	114	112	112	111	120	97	122	130	134	140
Coke ... do	198	204	209	197	204	193	208	212	209	206	209	202	218
Forest products ... do	154	145	153	137	147	156	160	158	143	155	153	152	149
Grain and grain products ... do	162	148	153	131	138	139	124	125	156	151	148	154	156
Livestock ... do	90	70	66	44	49	61	57	49	50	64	107	128	88
Ore ... do	188	62	61	60	70	193	296	321	325	313	308	267	174
Merchandise, l. c. l. ... do	54	50	50	46	54	51	48	47	44	47	48	48	47
Miscellaneous ... do	152	142	145	133	149	149	149	148	143	145	154	157	149
Total, adjusted ... do	136	140	146	129	139	136	133	131	125	133	133	135	137
Coal ... do	126	129	133	114	112	112	111	120	97	122	130	134	140
Coke ... do	198	194	199	186	202	197	210	217	215	215	211	206	218
Forest products ... do	157	162	170	143	147	156	154	152	143	148	142	144	152
Grain and grain products ... do	166	158	153	134	150	158	141	123	130	140	132	154	159
Livestock ... do	72	72	69	55	62	68	64	61	61	67	81	83	70
Ore ... do	184	199	243	241	241	212	212	207	203	209	205	r 180	180
Merchandise, l. c. l. ... do	53	52	52	48	53	51	48	47	45	47	46	46	46
Miscellaneous ... do	146	151	158	141	157	151	148	144	142	144	143	144	144
Freight-car surplus and shortage, daily average:													
Car surplus, total ... number	4,926	6,258	5,677	2,680	2,387	8,601	8,300	21,677	28,062	4,422	3,640	2,593	3,375
Box cars ... do	432	956	705	87	7	24	1,203	15,463	13,109	1,412	164	86	203
Gondolas and open hoppers ... do	386	975	1,138	572	724	2,812	434	133	11,928	0	4	19	4
Car shortage, total ... do	24,696	14,798	19,267	29,977	32,365	14,603	9,858	9,721	8,613	18,154	14,902	19,045	8,586
Box cars ... do	13,838	8,998	12,006	19,449	24,275	9,484	4,760	3,065	2,716	7,531	4,181	6,235	2,459
Gondolas and open hoppers ... do	10,245	4,989	6,528	8,518	5,323	3,815	3,929	5,641	4,873	9,359	9,231	10,168	5,311
Financial operations (unadjusted):													
Operating revenues, total ... thous. of dol	862,201	927,930	848,729	715,759	875,475	851,445	888,716	855,753	816,812	909,945	855,929	965,552	903,864
Freight ... do	710,808	673,554	709,736	600,157	741,001	722,012	752,588	710,732	674,008	758,759	716,394	816,182	743,296
Passenger ... do	65,885	79,271	78,158	63,836	70,569	66,762	70,657	80,641	80,602	83,830	74,092	r 71,129	71,795
Operating expenses ... do	r 618,608	645,422	645,246	610,060	679,662	668,850	693,820	677,685	683,824	700,651	660,408	699,508	672,482
Tax accruals, joint facility and equipment rents ... thous. of dol	r 133,719	169,190	125,792	86,740	117,550	112,000	119,977	114,138	91,053	128,412	119,797	144,144	136,373
Net railway operating income ... do	r 109,874	113,319	77,691	18,959	78,263	70,595	74,937	63,930	41,935	80,881	75,725	121,900	95,008
Net income‡ ... do	86,146	120,060	54,926	d *3,518*	51,187	44,685	49,225	50,192	16,366	55,497	50,255	97,840	-----
Financial operations, adjusted:													
Operating revenues, total ... mil. of dol	863.0	941.0	863.5	783.4	854.2	872.7	855.1	871.3	818.4	854.3	873.2	897.0	-----
Freight ... do	710.8	708.3	720.0	653.6	716.8	738.6	719.1	728.5	682.7	712.2	734.3	751.2	-----
Passenger ... do	68.9	77.8	81.6	70.7	71.4	69.1	71.5	77.9	73.9	74.8	74.4	72.7	-----
Railway expenses ... do	759.8	849.4	765.8	742.5	783.1	799.7	793.5	795.4	774.8	806.5	793.9	810.9	-----
Net railway operating income ... do	103.2	91.6	97.7	40.9	71.1	73.1	61.6	75.9	43.6	47.8	79.3	86.1	-----
Net income ... do	70.5	59.5	65.7	10.9	38.9	40.7	30.2	44.0	12.9	16.0	p 49.5	p 56.3	-----
Operating results:													
Freight carried 1 mile ... mil. of ton-miles	54,817	54,608	56,510	48,367	59,069	56,908	58,764	56,643	53,284	60,017	58,131	p 61,838	-----
Revenue per ton-mile ... cents	1.363	1.310	1.319	1.308	1.325	1.337	1.342	1.323	1.333	1.326	1.298	1.374	-----
Passengers carried 1 mile, revenue ... millions	2,500	3,058	3,003	2,415	2,718	2,583	2,638	3,093	3,190	3,287	2,918	2,718	-----
Waterway Traffic													
Clearances, vessels in foreign trade:													
Total U. S. ports ... thous. of net tons	7,364	7,244	6,516	6,860	8,250	9,299	10,161	10,060	-----	-----	-----	-----	-----
Foreign ... do	4,320	4,207	4,019	4,216	4,660	5,216	5,980	5,725	-----	-----	-----	-----	-----
United States ... do	3,044	3,037	2,497	2,644	3,590	4,083	4,181	4,334	-----	-----	-----	-----	-----
Panama Canal:													
Total ... thous. of long tons	2,236	2,216	2,338	2,433	2,713	2,668	2,695	2,632	2,599	2,774	2,685	2,729	2,571
In United States vessels ... do	1,074	1,011	1,104	1,032	1,237	1,360	1,286	1,170	1,280	1,179	1,210	1,289	907
Travel													
Hotels:													
Average sale per occupied room ... dollars	6.27	5.78	5.95	5.97	5.83	6.36	5.79	6.32	6.03	6.68	6.58	6.79	6.83
Rooms occupied ... percent of total	79	66	79	81	78	82	81	81	75	79	83	85	77
Restaurant sales index ... same month 1929=100	225	208	228	224	214	244	251	252	219	243	246	244	243
Foreign travel:													
U. S. citizens, arrivals ... number	46,242	44,810	52,209	59,093	63,969	60,854	51,413	58,967	-----	-----	-----	-----	-----
U. S. citizens, departures♂ ... do	31,689	39,453	48,561	57,074	64,845	57,982	57,981	82,696	-----	-----	-----	-----	-----
Emigrants ... do	1,599	2,283	2,023	1,635	1,661	1,686	1,809	2,211	-----	-----	-----	-----	-----
Immigrants ... do	16,379	20,469	18,569	12,654	15,360	14,537	17,945	23,605	-----	-----	-----	-----	-----
Passports issued ... do	12,115	10,614	16,632	17,067	26,113	30,227	35,678	39,653	27,411	24,670	17,398	19,602	18,364
National parks, visitors ... thousands	326	242	256	259	376	541	920	2,107	3,547	3,474	1,681	842	353
Pullman Co.:													
Revenue passenger-miles ... millions	871	947	1,222	823	883	805	766	850	766	787	785	794	-----
Passenger revenues ... thous. of dol	7,905	8,608	11,151	8,666	9,264	8,500	8,075	10,363	9,299	9,531	9,567	9,663	-----
COMMUNICATIONS													
Telephone carriers:⊙													
Operating revenues ... thous. of dol	298,071	311,414	314,713	301,961	319,021	312,404	318,790	318,428	317,948	326,328	320,205	-----	-----
Station revenues ... do	178,184	181,781	184,531	181,037	185,045	184,934	185,965	186,604	185,072	187,231	188,477	-----	-----
Tolls, message ... do	98,941	107,994	108,897	99,495	111,979	105,507	110,775	109,396	110,185	116,208	108,331	-----	-----
Operating expenses, before taxes ... do	208,249	222,491	219,140	209,150	222,296	216,413	226,647	222,998	232,641	235,864	225,658	-----	-----
Net operating income ... do	40,861	40,921	41,025	39,475	41,444	41,242	40,391	40,418	35,505	37,815	29,429	-----	-----
Phones in service, end of month ... thousands	38,166	38,437	38,619	38,803	39,029	39,213	39,406	39,555	39,707	39,889	40,066	-----	-----
Telegraph, cable, and radiotelegraph carriers:													
Wire-telegraph:													
Operating revenues ... thous. of dol	15,251	16,643	15,610	14,545	16,391	15,014	16,235	16,072	15,422	16,360	15,725	17,173	-----
Operating expenses, incl. depreciation ... do	13,439	14,506	13,855	12,924	13,996	13,282	14,199	14,033	15,127	15,057	14,623	15,009	-----
Net operating revenues ... do	1,135	1,485	880	764	1,521	882	1,157	1,173	d *569*	456	371	1,395	-----
Ocean-cable:													
Operating revenues ... do	2,232	2,638	2,508	2,180	2,326	2,215	2,227	2,149	2,082	2,142	2,184	2,366	-----
Operating expenses, incl. depreciation ... do	1,470	1,691	1,650	1,642	1,683	1,638	1,736	1,693	1,768	1,712	1,674	1,665	-----
Net operating revenues ... do	590	672	616	337	427	364	267	241	106	224	315	509	-----
Radiotelegraph:													
Operating revenues ... do	2,326	2,583	2,621	2,302	2,476	2,350	2,491	2,456	2,375	2,455	2,453	2,569	-----
Operating expenses, incl. depreciation ... do	1,804	2,057	1,959	1,838	1,954	1,895	1,968	1,982	1,974	1,984	1,946	2,022	-----
Net operating revenues ... do	437	453	548	350	409	332	394	347	283	365	400	441	-----

r Revised. p Preliminary. d Deficit. ‡Revised data for October 1950, $107,759,000.
♂Data exclude departures via international land borders; land-border departures during the 12 months ended June 1950 amounted to less than 1 percent of total departures.
⊙Data relate to continental United States.

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950 November	1950 December	1951 January	1951 February	1951 March	1951 April	1951 May	1951 June	1951 July	1951 August	1951 September	1951 October	1951 November
CHEMICALS AND ALLIED PRODUCTS													
CHEMICALS													
Inorganic chemicals, production: ‡													
Ammonia, synthetic anhydrous (commercial) short tons	141,373	146,280	148,931	133,871	147,289	147,560	146,915	132,158	146,592	146,664	147,508	155,913	
Calcium arsenate (commercial) thous. of lb	r 2,830	r 2,372	3,900	4,352	5,342	6,566	6,196	6,792	4,092	900	(1)	(1)	
Calcium carbide (commercial) short tons	54,320	58,770	61,961	50,035	60,225	62,557	65,310	64,514	65,421	68,170	67,255	71,011	
Carbon dioxide, liquid, gas, and solid thous. of lb	r 93,356	r 83,970	73,542	67,076	86,012	112,008	144,006	142,232	152,704	168,738	139,608	120,556	
Chlorine, gas short tons	r 186,806	r 193,825	197,967	182,994	207,106	200,298	209,024	202,693	210,477	215,729	r 212,083	221,250	
Hydrochloric acid (100% HCl) do	r 57,062	r 58,027	57,410	50,944	57,467	57,043	58,461	57,072	57,111	56,005	r 56,881	59,920	
Lead arsenate (acid and basic) thous. of lb	r 3,578	r 4,804	5,114	5,082	4,672	2,670	1,838	318	(1)	(1)	(1)	818	
Nitric acid (100% HNO_3) short tons	r 125,968	133,483	133,264	116,122	125,732	118,132	115,286	115,398	124,402	123,996	124,304	132,286	
Oxygen (high purity) mil. of cu. ft	r 1,655	r 1,709	1,742	1,542	1,819	1,812	1,863	1,748	1,799	1,824	r 1,829	1,969	
Phosphoric acid (50% H_3PO_4) short tons	r 140,754	r 131,403	151,187	141,496	163,673	152,577	157,086	147,392	157,760	163,038	r 151,677	154,688	
Soda ash, ammonia-soda process (98–100% Na_2CO_3) short tons	r 423,414	r 443,706	445,389	402,517	461,412	439,773	458,217	434,399	434,892	419,987	403,028	430,622	
Sodium bichromate and chromate do	r 8,481	r 9,566	10,170	9,936	12,171	11,321	11,858	11,011	10,388	10,966	10,660	11,276	
Sodium hydroxide (100% NaOH) do	r 235,384	r 247,006	248,449	227,178	258,596	252,169	262,881	252,282	256,713	262,683	259,727	275,908	
Sodium silicate, soluble silicate glass (anhydrous) short tons	r 55,380	r 54,572	56,300	51,485	53,338	45,132	47,602	41,210	35,730	46,978	42,666	49,485	
Sodium sulfate, Glauber's salt and crude salt cake short tons	r 74,802	r 79,159	75,296	75,267	79,517	77,452	83,339	81,196	72,396	74,974	r 80,037	81,147	
Sulphuric acid (100% H_2SO_4):													
Production do	1,132,206	r 1,193,281	1,162,351	1,051,004	1,172,100	1,133,353	1,151,068	1,066,421	1,077,216	1,074,257	1,046,075	1,100,086	
Price, wholesale, 66°, tanks, at works dol. per short ton	19.85	19.97	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	19.90	20.00
Organic chemicals:													
Acetic acid (synthetic and natural), production thous. of lb	40,218	36,352	41,321	36,941	43,069	42,176	43,224	39,457	40,778	43,767	r 39,309	37,952	
Acetic anhydride, production do	78,221	79,462	82,240	70,155	85,553	84,358	88,816	82,968	86,306	85,593	86,343	86,070	
Acetylsalicylic acid (aspirin), production do	885	766	967	1,090	1,013	1,078	1,283	1,007	799	1,134	945	1,056	
Alcohol, ethyl:													
Production thous. of proof gal	35,320	34,859	41,466	34,721	35,722	37,740	46,173	35,767	35,563	44,599	40,945	47,336	40,477
Stocks, total do	44,066	44,053	54,826	59,664	65,982	71,001	91,087	99,684	101,244	107,722	101,740	103,927	91,184
In industrial alcohol bonded warehouses thous. of proof gal	42,735	43,341	52,141	57,322	59,568	62,087	72,221	74,411	77,190	73,525	71,103	66,465	61,803
In denaturing plants do	1,331	713	2,686	2,342	6,414	8,914	18,866	25,273	24,054	34,196	30,636	37,462	29,381
Used for denaturation † do	30,654	30,457	33,012	30,146	39,879	52,914	52,564	43,611	43,655	42,509	39,924	43,362	45,582
Withdrawn tax-paid do	3,877	3,035	5,116	3,881	2,952	2,051	1,721	1,178	2,258	3,033	3,595	3,016	3,161
Alcohol, denatured:													
Production thous. of wine gal	16,574	21,265	17,858	16,287	21,438	28,204	28,063	23,322	23,348	22,757	21,421	23,723	24,416
Consumption (withdrawals) do	16,853	19,888	19,377	16,340	20,448	21,993	27,498	23,740	22,381	21,030	22,392	r 27,232	24,186
Stocks do	1,744	3,118	1,604	1,533	2,517	8,714	8,944	8,795	9,762	10,875	10,252	6,645	7,477
Creosote oil, production thous. of gal	11,747	13,373	11,851	11,668	12,997	12,971	12,708	11,822	11,677	11,783	11,186	12,051	
Ethyl acetate (85%), production thous. of lb	7,824	7,665	11,749	7,861	9,307	10,463	9,235	7,315	6,479	6,134	5,697	5,441	
Glycerin, refined (100% basis):													
High gravity and yellow distilled:													
Production thous. of lb	8,821	8,829	8,450	7,753	8,635	7,603	7,882	6,314	3,661	5,416	6,061	5,529	5,129
Consumption do	8,994	8,257	8,038	7,629	7,591	7,541	8,211	7,173	6,405	6,976	6,072	6,718	6,238
Stocks do	14,180	15,983	17,646	17,204	18,644	18,820	19,026	18,664	17,297	16,165	15,556	14,735	15,625
Chemically pure:													
Production do	11,827	12,968	14,199	13,499	14,326	13,299	11,098	10,575	6,970	10,676	10,540	11,747	11,078
Consumption do	8,246	7,961	8,774	7,687	8,423	7,473	8,263	7,003	6,324	6,947	6,714	7,874	7,305
Stocks do	19,115	20,132	21,920	23,580	26,046	27,411	27,399	27,787	24,914	24,883	25,943	26,524	26,884
Methanol, production:													
Natural (100%) thous. of gal	182	162	170	156	174	160	159	180	176	180	172	193	
Synthetic (100%) do	13,474	14,621	15,615	13,200	15,349	15,278	14,614	14,759	14,845	15,536	15,431	15,950	
Phthalic anhydride, production thous. of lb	18,237	20,250	19,839	19,035	22,114	21,437	21,141	19,678	21,524	21,241	18,883	21,773	
FERTILIZERS													
Consumption (14 States) thous. of short tons	737	845	[2] 1,523	[2] 1,308	[2] 1,622	[2] 1,407	[2] 994	[2] 509	[2] 302	[2] 349	[2] 494	[2] 708	[2] 742
Exports, total short tons	198,269	145,250	161,690	151,354	209,649	244,818	285,768	217,760	300,139	297,010	235,053	310,160	
Nitrogenous materials do	23,118	28,470	15,907	16,181	15,430	17,176	r 27,532	23,433	25,762	13,139	16,570	26,483	
Phosphate materials do	148,979	77,061	136,398	117,286	177,554	201,917	238,165	176,300	262,569	259,668	183,344	262,011	
Potash materials do	9,626	8,889	6,496	8,846	8,399	13,407	7,286	8,812	9,049	11,585	14,197	8,854	
Imports, total do	154,916	167,832	219,239	230,892	259,450	283,809	282,314	215,065	151,837	194,530	147,137	190,238	
Nitrogenous materials, total do	97,106	123,172	143,420	128,087	165,929	212,781	226,829	137,981	79,692	128,011	89,105	121,334	
Nitrate of soda do	34,134	50,064	54,690	58,676	74,451	94,291	98,278	74,874	33,065	58,487	41,768	53,401	
Phosphate materials do	5,503	9,187	5,296	7,786	12,034	8,918	7,936	14,594	7,871	17,154	10,798	1,962	
Potash materials do	43,723	29,343	61,615	77,413	63,701	31,105	23,122	47,929	52,158	37,152	37,708	54,721	
Price, wholesale, nitrate of soda, crude, f. o. b. cars, port warehouses dol. per short ton	51.50	51.50	53.50	53.50	53.50	53.50	53.50	53.50	53.50	53.50	53.50	53.50	57.00
Potash deliveries short tons	113,400	125,316	121,153	105,636	128,661	115,369	110,777	101,663	106,134	112,498	113,326	114,311	119,074
Superphosphate (bulk):													
Production do	948,923	974,544	985,805	968,233	1,107,048	1,052,257	1,031,919	872,133	816,669	845,079	809,273	r 918,550	941,814
Stocks, end of month do	1,150,886	1,207,228	1,194,507	1,125,418	953,785	832,185	918,991	1,093,308	1,239,318	1,261,020	1,239,462	r 1,180,518	1,170,359
NAVAL STORES													
Rosin (gum and wood):													
Production, quarterly total drums (520 lb.)		542,770			433,180			569,450			579,940		
Stocks, end of quarter do		711,430			558,580			601,000			665,530		
Price, gum, wholesale, "WG" grade (Sav.), bulk dol. per 100 lb	8.27	8.43	8.90	8.90	8.90	8.90	8.90	8.90	8.23	8.33	8.67	9.07	9.40
Turpentine (gum and wood):													
Production, quarterly total bbl. (50 gal.)		171,260			141,200			193,220			195,260		
Stocks, end of quarter do		159,820			128,760			152,490			179,300		
Price, gum, wholesale (Savannah) dol. per gal	.87	.80	.87	.92	.92	.92	.79	.78	.73	.68	.75	.80	.80

r Revised. [1] Not available for publication. [2] Excludes data for Virginia; effective January 1951, this State reports quarterly. Data for Virginia, 1951 (thous. short tons): January–March, 296; April–June, 286; July–September, 91.

†Revised series. Data shown prior to the November 1951 SURVEY represent alcohol withdrawn for denaturation.

‡Revised data for January–October 1950 are available upon request.

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950 November	1950 December	1951 January	1951 February	1951 March	1951 April	1951 May	1951 June	1951 July	1951 August	1951 September	1951 October	1951 November
CHEMICALS AND ALLIED PRODUCTS—Continued													
MISCELLANEOUS													
Explosives (industrial), shipments:													
Black blasting powder .... thous. of lb..	1,626	1,955	1,772	1,407	985	936	743	787	768	946	1,276	1,610	1,591
High explosives .... do....	59,724	56,378	51,896	49,211	54,277	59,128	63,285	60,687	56,451	65,264	62,425	68,033	68,368
Sulfur:													
Production .... long tons..	424,269	435,290	452,060	409,377	453,685	419,312	438,843	421,116	458,025	448,842	462,701	459,805	418,655
Stocks .... do....	2,762,528	2,654,530	2,736,188	2,759,837	2,796,784	2,750,305	2,711,267	2,719,821	2,669,635	2,665,801	2,754,129	2,782,423	2,805,902
FATS, OILS, OILSEEDS, AND BYPRODUCTS													
Animal fats, greases, and oils:													
Animal fats:													
Production .... thous. of lb..	354,641	393,136	411,375	286,747	318,211	308,408	326,209	308,257	279,284	297,887	281,549	327,893	374,561
Consumption, factory .... do....	119,095	147,760	155,320	145,597	148,635	117,406	117,213	101,144	72,754	103,387	98,302	116,026	112,690
Stocks, end of month .... do....	246,609	274,271	322,583	302,854	266,213	261,037	266,198	273,326	277,129	270,761	258,887	261,850	269,855
Greases:													
Production .... do....	58,895	60,254	60,830	51,119	51,696	48,086	54,892	52,630	47,222	54,642	46,862	49,801	57,918
Consumption, factory .... do....	47,615	63,567	67,535	58,455	55,344	47,750	48,118	40,841	28,110	46,782	41,551	44,277	42,855
Stocks, end of month .... do....	82,816	92,536	99,139	88,661	82,568	86,779	94,507	101,780	113,378	113,712	110,682	103,919	104,489
Fish oils:													
Production .... do....	11,247	10,006	4,519	836	716	890	9,189	19,082	25,463	25,240	18,789	16,612	2,297
Consumption, factory .... do....	17,025	15,301	16,988	14,780	13,634	11,543	10,443	10,194	8,925	9,993	10,918	r 11,508	11,477
Stocks, end of month♂ .... do....	69,024	72,207	64,635	63,177	54,817	45,921	62,053	79,494	75,111	104,219	97,846	109,630	118,170
Vegetable oils, oilseeds, and byproducts:													
Vegetable oils, total:													
Production, crude .... mil. of lb..	571	545	550	474	501	428	420	371	330	396	440	r 616	604
Consumption, crude, factory .... do....	523	470	542	484	517	434	398	342	277	358	376	486	483
Stocks, end of month:													
Crude♂ .... do....	960	1,023	1,065	1,071	1,048	1,045	1,062	1,028	1,026	1,005	1,014	1,094	1,195
Refined .... do....	269	297	321	356	416	461	443	400	329	256	256	298	374
Exports .... thous. of lb..	41,546	63,350	35,328	30,036	47,188	61,234	61,065	97,151	73,777	92,542	74,267	52,833	
Imports, total .... do....	46,537	55,328	56,214	44,440	46,294	36,723	45,093	30,308	27,157	28,433	17,363	33,087	
Paint oils .... do....	12,406	11,048	8,976	2,430	5,036	4,619	7,677	1,674	2,285	2,415	1,245	2,869	
All other vegetable oils .... do....	34,131	44,280	47,238	42,010	41,258	32,104	37,415	28,634	24,872	26,018	16,119	30,218	
Copra:													
Consumption, factory .... short tons..	35,393	31,828	33,187	29,697	37,616	33,340	38,365	26,769	22,047	37,219	29,539	37,297	35,774
Stocks, end of month .... do....	27,890	27,851	23,092	40,324	30,386	34,241	22,926	20,732	26,334	25,462	21,161	21,643	21,063
Imports .... do....	55,996	38,743	52,396	57,897	41,987	31,621	28,100	21,716	29,661	35,147	29,009	46,183	
Coconut or copra oil:													
Production:													
Crude .... thous. of lb..	46,555	40,506	42,166	37,531	48,080	42,026	49,264	35,112	27,903	47,172	37,410	48,133	44,976
Refined .... do....	26,559	25,545	32,099	25,683	31,844	28,277	26,499	23,224	17,645	28,028	24,983	28,270	26,578
Consumption, factory:													
Crude .... do....	47,343	46,850	55,812	49,398	56,197	48,214	45,747	39,206	28,911	44,475	39,645	45,564	39,710
Refined .... do....	23,262	23,818	28,118	24,438	27,784	27,626	25,060	24,108	15,631	27,305	22,336	25,348	22,459
Stocks, end of month:													
Crude♂ .... do....	64,536	83,938	90,487	93,482	103,572	101,745	106,153	94,075	85,024	85,006	74,804	61,932	84,528
Refined .... do....	10,276	10,211	11,824	11,505	12,813	10,239	10,336	8,469	9,322	6,809	7,207	6,995	8,342
Imports .... do....	11,537	18,719	18,728	10,311	12,903	12,696	9,493	7,018	5,701	5,362	r 3,825	3,899	
Cottonseed:													
Receipts at mills .... thous. of short tons..	793	369	148	56	37	15	15	24	68	556	1,054	1,587	1,002
Consumption (crush) .... do....	564	433	448	319	229	164	117	96	72	199	541	r 838	775
Stocks at mills, end of month .... do....	1,202	1,138	838	575	393	244	142	70	66	422	935	r 1,705	1,933
Cottonseed cake and meal:													
Production .... short tons..	251,982	193,620	198,130	144,994	106,323	74,216	48,437	43,989	32,880	92,222	250,122	r 385,596	373,978
Stocks at mills, end of month .... do....	207,924	190,875	199,134	165,276	130,717	105,949	94,795	89,767	71,645	57,343	70,841	r 72,854	60,242
Cottonseed oil, crude:													
Production .... thous. of lb..	182,355	138,678	144,222	103,897	77,628	54,719	38,305	34,127	24,271	60,200	166,505	r 257,819	243,636
Stocks, end of month .... do....	98,408	100,065	105,049	87,973	60,610	48,528	30,018	22,329	20,121	29,133	90,010	r 152,672	184,426
Cottonseed oil, refined:													
Production .... do....	160,209	122,009	126,329	110,864	95,400	65,744	54,149	35,473	24,446	40,499	96,085	173,826	186,793
Consumption, factory .... do....	116,590	107,832	119,877	92,265	76,811	62,876	63,388	64,121	63,465	97,735	100,550	125,071	122,100
In oleomargarine .... do....	33,460	30,587	35,140	23,196	23,497	18,355	19,644	19,203	21,210	30,583	32,583	36,816	35,858
Stocks, end of month .... do....	155,036	171,591	180,709	204,544	226,525	231,652	226,997	194,120	147,024	98,103	102,715	154,868	225,137
Price, wholesale, summer, yellow, prime (N.Y.) dol. per lb....	.237	.237	.262	(1)	(1)	(1)	(1)	(1)	.168	(1)	(1)	(1)	(1)
Flaxseed:													
Production (crop estimate) .... thous. of bu..		2 40,236											3 33,802
Oil mills:													
Consumption .... do....	3,549	3,648	3,051	3,186	3,739	3,376	3,484	3,700	3,149	2,943	2,810	3,022	2,854
Stocks, end of month .... do....	9,362	9,007	8,670	8,075	6,109	5,579	5,565	5,245	4,429	3,259	3,654	r 5,844	6,831
Imports .... do....	0	0	0	0	(4)	0	(4)	0	0	0	0	0	
Price, wholesale, No. 1 (Minn.) ... dol. per bu..	3.45	3.87	4.55	4.84	4.89	4.68	4.33	3.68	3.42	3.41	3.83	4.16	4.40
Linseed oil:													
Production .... thous. of lb..	72,635	74,946	60,551	63,724	74,953	67,511	70,002	74,079	63,396	60,500	57,057	59,964	54,981
Consumption, factory .... do....	51,553	49,610	60,401	60,317	68,186	61,588	60,826	59,405	44,027	52,352	46,650	50,091	46,173
Stocks at factory, end of month .... do....	591,636	609,867	613,664	608,807	601,736	605,329	620,535	623,490	633,674	634,748	635,184	640,760	638,785
Price, wholesale (N. Y.) .... dol. per lb..	.172	.195	.224	.236	.240	.242	.234	.201	.169	.159	.181	.197	.209
Soybeans:													
Production (crop estimate) .... thous. of bu..		2 299,279											3 280,512
Consumption, factory .... do....	22,799	24,687	25,075	22,470	24,737	21,918	21,260	17,842	17,759	18,797	14,721	21,556	23,012
Stocks, end of month .... do....	81,201	77,163	78,682	72,988	62,798	53,983	42,192	33,367	22,706	9,715	4,274	r 58,356	68,049
Soybean oil:													
Production:													
Crude .... thous. of lb..	216,217	235,609	240,745	215,973	240,426	212,077	209,264	176,839	176,357	187,910	148,658	214,799	225,365
Refined .... do....	170,013	163,893	201,298	171,360	201,472	180,217	163,260	139,124	120,792	154,263	130,391	143,782	136,668
Consumption, factory, refined .... do....	167,065	160,038	184,543	162,202	165,942	141,076	157,851	134,597	116,315	148,240	127,916	r 147,351	136,660
Stocks, end of month:													
Crude .... do....	81,162	99,828	113,499	131,235	130,692	125,870	124,800	107,383	116,683	107,993	90,907	r 121,135	164,529
Refined .... do....	51,045	54,237	65,175	70,495	95,790	129,607	119,641	113,715	95,343	85,236	79,870	r 75,261	73,602
Price, wholesale, edible (N. Y.) .... dol. per lb..	.215	.250	.268	.266	.278	.282	.258	.225	.199	.206	.195	.191	.190

r Revised. 1 No quotation. 2 Revised estimate. 3 December 1 estimate. 4 Less than 500 bushels.

♂Data for crude palm, coconut, castor, and sperm oil are excluded from the pertinent items for June–August 1950; beginning September 1950, these oils have been restored on a commercial stocks basis.

CHEMICALS AND ALLIED PRODUCTS—Continued

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950 November	1950 December	1951 January	February	March	April	May	June	July	August	September	October	November
FATS, OILS, ETC.—Continued													
Vegetable oils, oilseeds, etc.—Continued													
Oleomargarine:													
Production .... thous. of lb.	93,852	89,959	112,813	79,493	91,137	71,394	80,344	71,301	69,436	86,286	85,074	98,219	94,979
Stocks (factory and warehouse) .... do.	12,645	14,150	19,905	21,811	22,987	20,066	17,959	19,685	17,451	17,022	16,461	19,218	17,704
Price, wholesale, vegetable, delivered (eastern U. S.) .... dol. per lb.	.279	.294	.316	.324	.324	.324	.316	.300	.273	.265	.265	.265	.265
Shortenings and compounds:													
Production .... thous. of lb.	155,333	144,092	160,179	138,518	112,025	98,840	106,416	86,770	80,203	126,290	109,636	136,469	131,721
Stocks, end of month .... do.	81,121	103,583	88,956	99,623	123,554	152,844	151,602	140,550	114,434	104,682	97,018	94,231	93,110
PAINT SALES													
Paint, varnish, lacquer, and filler, total .... thous. of dol.	87,386	82,122	111,118	99,792	113,436	106,060	110,639	104,690	93,504	101,992	88,697	[r] 97,960	83,453
Classified, total .... do.	79,600	74,479	101,046	90,969	103,693	96,651	100,175	94,523	84,677	92,251	79,721	[r] 88,505	75,449
Industrial .... do.	37,575	35,110	41,149	37,361	44,387	41,786	41,357	38,871	34,604	38,449	33,940	39,134	34,143
Trade .... do.	42,026	39,368	59,898	53,608	59,306	54,864	58,817	55,651	50,073	53,802	45,781	[r] 49,371	41,306
Unclassified .... do.	7,785	7,643	10,072	8,823	9,743	9,410	10,464	10,167	8,827	9,741	8,976	9,454	8,006
SYNTHETIC PLASTICS AND RESIN MATERIALS													
Production:													
Cellulose acetate and mixed ester plastics:													
Sheets, rods, and tubes .... thous. of lb.	2,659	2,812	3,154	2,589	2,986	3,261	2,895	2,892	3,062	2,699	2,668	----	----
Molding and extrusion materials .... do.	6,696	7,069	7,205	5,802	6,215	6,707	6,100	6,274	5,766	5,204	4,440	----	----
Nitrocellulose, sheets, rods, and tubes .... do.	706	673	730	668	807	695	726	749	508	645	398	----	----
Other cellulose plastics .... do.	1,069	815	1,334	1,056	1,252	1,044	1,152	887	801	1,153	1,050	----	----
Phenolic and other tar acid resins .... do.	34,529	36,227	40,848	32,541	39,852	37,586	39,532	37,112	33,671	32,477	33,054	----	----
Polystyrene .... do.	30,110	25,398	24,593	21,717	25,162	25,498	27,236	27,115	30,492	32,279	30,372	----	----
Urea and melamine resins .... do.	17,602	17,178	19,872	17,360	21,460	22,342	18,475	17,046	13,823	16,218	14,561	----	----
Vinyl resins .... do.	33,731	36,772	[1] 34,400	[1] 31,813	[1] 37,880	[1] 39,260	[1] 39,734	[1] 39,209	[1] 39,531	[1] 39,111	[1] 39,154	----	----
Alkyd resins .... do.	24,161	24,218	[1] 30,180	[1] 28,224	[1] 33,891	[1] 32,576	[1] 32,008	[1] 32,176	[1] 28,514	[1] 30,347	[1] 26,168	----	----
Rosin modifications .... do.	11,683	11,118	11,646	10,882	11,996	10,805	9,433	6,914	6,434	4,601	5,643	----	----
Miscellaneous resins .... do.	24,890	27,428	[1] 16,295	[1] 14,264	[1] 16,563	[1] 14,040	[1] 16,140	[1] 15,661	[1] 12,523	[1] 15,030	[1] 15,447	----	----

ELECTRIC POWER AND GAS

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950 November	1950 December	1951 January	February	March	April	May	June	July	August	September	October	November
ELECTRIC POWER													
Production (utility and industrial), total‡ .... mil. of kw.-hr.	34,101	35,821	36,726	33,102	36,172	34,431	35,136	34,966	35,435	37,510	35,296	37,775	37,313
Electric utilities, total‡ .... do.	29,017	30,660	31,418	28,219	30,920	29,293	29,871	29,840	30,392	32,326	30,275	32,441	32,095
By fuels‡ .... do.	21,350	21,970	22,539	20,012	21,699	20,283	21,334	21,819	22,111	24,510	23,239	24,893	24,017
By water power‡ .... do.	7,667	8,690	8,879	8,207	9,221	9,010	8,537	8,021	8,281	7,816	7,036	7,548	8,079
Privately and municipally owned utilities‡ .... mil. of kw.-hr.	25,084	26,294	26,990	24,156	26,551	25,246	25,852	25,778	25,974	27,638	26,197	28,224	27,934
Other producers‡ .... do.	3,933	4,366	4,427	4,063	4,369	4,048	4,019	4,062	4,418	4,689	4,078	4,217	4,161
Industrial establishments, total‡ .... do.	5,084	5,161	5,308	4,883	5,252	5,138	5,265	5,126	5,042	5,184	5,020	5,334	5,217
By fuels‡ .... do.	4,717	4,762	4,872	4,469	4,843	4,683	4,836	4,736	4,701	4,861	4,722	4,993	4,872
By water power‡ .... do.	367	399	436	413	409	455	429	390	341	322	299	341	345
Sales to ultimate customers, total (Edison Electric Institute) .... mil. of kw.-hr.	24,673	25,640	26,690	25,966	26,001	25,940	25,467	25,717	25,663	26,725	26,867	----	----
Commercial and industrial:													
Small light and power .... do.	4,332	4,443	4,733	4,652	4,565	4,556	4,482	4,683	4,875	5,012	5,033	----	----
Large light and power .... do.	12,556	12,596	12,694	12,351	12,772	12,868	12,937	13,099	12,729	13,493	13,413	----	----
Railways and railroads .... do.	494	557	574	531	541	497	465	441	422	427	415	----	----
Residential or domestic .... do.	5,803	6,560	7,189	6,974	6,593	6,339	5,949	5,819	5,779	5,810	6,056	----	----
Rural (distinct rural rates) .... do.	522	478	473	476	546	724	708	775	952	1,030	980	----	----
Street and highway lighting .... do.	300	321	319	282	279	254	231	216	223	245	268	----	----
Other public authorities .... do.	625	638	664	659	654	656	648	637	637	669	661	----	----
Interdepartmental .... do.	41	47	44	42	50	47	47	47	47	40	40	----	----
Revenue from sales to ultimate customers (Edison Electric Institute) .... thous. of dol.	440,961	458,072	474,794	467,200	460,900	456,779	451,677	456,313	457,799	469,300	476,788	----	----

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950 November	1950 December	1951 January	February	March	April	May	June	July	August	September	October	November
GAS†													
Manufactured and mixed gas (quarterly):													
Customers, end of quarter, total .... thousands	----	9,120	----	----	8,981	----	----	8,840	----	----	8,230	----	----
Residential (incl. house-heating) .... do.	----	8,496	----	----	8,362	----	----	8,228	----	----	7,667	----	----
Industrial and commercial .... do.	----	619	----	----	613	----	----	606	----	----	557	----	----
Sales to consumers, total .... mil. of therms	----	838	----	----	1,144	----	----	817	----	----	594	----	----
Residential .... do.	----	537	----	----	794	----	----	503	----	----	315	----	----
Industrial and commercial .... do.	----	288	----	----	332	----	----	302	----	----	269	----	----
Revenue from sales to consumers, total .... thous. of dol.	----	138,975	----	----	175,832	----	----	132,496	----	----	101,899	----	----
Residential (incl. house-heating) .... do.	----	101,504	----	----	130,335	----	----	95,332	----	----	71,134	----	----
Industrial and commercial .... do.	----	36,330	----	----	44,023	----	----	36,057	----	----	29,906	----	----
Natural gas (quarterly):													
Customers, end of quarter, total .... thousands	----	15,030	----	----	15,503	----	----	15,697	----	----	16,192	----	----
Residential (incl. house-heating) .... do.	----	13,783	----	----	14,204	----	----	14,431	----	----	14,923	----	----
Industrial and commercial .... do.	----	1,236	----	----	1,282	----	----	1,249	----	----	1,251	----	----
Sales to consumers, total .... mil. of therms	----	10,316	----	----	13,333	----	----	10,484	----	----	8,666	----	----
Residential (incl. house-heating) .... do.	----	3,088	----	----	5,924	----	----	3,009	----	----	1,257	----	----
Industrial and commercial .... do.	----	6,910	----	----	7,112	----	----	7,125	----	----	6,988	----	----
Revenue from sales to consumers, total .... thous. of dol.	----	372,410	----	----	555,071	----	----	382,063	----	----	269,807	----	----
Residential (incl. house-heating) .... do.	----	204,992	----	----	360,834	----	----	205,054	----	----	107,811	----	----
Industrial and commercial .... do.	----	161,347	----	----	187,619	----	----	170,256	----	----	154,061	----	----

[r] Revised. [1] Beginning January 1951, the comparability of the data has been affected by the following changes in classification and coverage: Vinyl resins, sheeting and film, originally reported on a total-weight basis are now shown on a resin-content basis; alkyd resins include all other uses, previously reported with miscellaneous resins (all other uses for January 1951, 1,137 thous. lb.); miscellaneous resins exclude all petroleum resins (petroleum resins for January 1951, 14,283 thous. lb.).

‡Data for 1950 for electric power have been revised; revisions for January–July will be shown later.

†Revised data. All sales data formerly expressed in cu. ft. are now published in therms by the compiling source; 1932–49 figures expressed in therms and minor revisions for customers and revenue for 1932–44 will be shown later. Revisions for the first 2 quarters of 1950 are shown in the corresponding note in the October 1951 SURVEY.

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950 November	1950 December	1951 January	1951 February	1951 March	1951 April	1951 May	1951 June	1951 July	1951 August	1951 September	1951 October	1951 November
FOODSTUFFS AND TOBACCO													
ALCOHOLIC BEVERAGES													
Fermented malt liquors:													
Production ......thous. of bbl..	6,168	5,896	6,978	6,079	7,514	7,481	8,410	8,959	9,009	8,997	7,032	6,841	6,142
Tax-paid withdrawals ......do....	6,022	6,166	5,962	5,243	6,675	6,353	7,703	8,182	8,480	8,886	6,995	6,732	6,410
Stocks, end of month ......do....	9,451	8,814	9,438	9,920	10,334	10,921	11,168	11,344	11,383	10,930	10,522	10,211	9,506
Distilled spirits:													
Production ......thous. of tax gal..	38,421	35,517	36,057	28,571	35,339	28,620	27,893	25,832	18,774	16,376	22,214	34,768	28,840
Consumption, apparent, for beverage purposes thous. of wine gal..	17,630	24,564	20,725	18,161	15,108	11,674	13,035	13,226	12,615	14,688	16,877	22,403	....
Tax-paid withdrawals ......thous. of tax gal..	11,072	12,081	16,979	13,612	10,280	5,321	7,002	7,273	7,021	8,664	11,252	15,671	11,058
Stocks, end of month ......do....	780,848	795,295	808,869	820,129	843,251	865,207	884,516	901,106	910,339	915,424	914,577	911,925	917,249
Imports ......thous. of proof gal..	2,191	1,856	1,474	1,316	1,387	1,277	1,309	1,464	1,345	1,327	1,766	2,557	....
Whisky:													
Production ......thous. of tax gal..	22,218	19,244	20,159	16,235	19,979	14,727	15,912	13,273	9,763	6,905	8,158	10,322	10,831
Tax-paid withdrawals ......do....	6,565	6,896	9,770	7,811	6,115	3,081	3,713	3,640	3,686	5,002	6,887	9,129	6,679
Stocks, end of month ......do....	684,030	694,209	701,635	707,673	720,713	731,674	742,589	751,233	755,774	756,411	755,457	755,041	756,521
Imports ......thous. of proof gal..	1,996	1,638	1,311	1,160	1,247	1,155	1,209	1,368	1,243	1,219	1,628	2,209	....
Rectified spirits and wines, production, total♂ thous. of proof gal..	11,126	11,081	14,845	12,238	8,448	4,842	6,066	5,915	6,431	7,843	10,375	12,609	9,518
Whisky ......do....	10,177	10,155	13,524	11,170	7,269	3,835	5,236	5,243	5,837	6,904	9,501	11,242	8,502
Wines and distilling materials:													
Sparkling wines:													
Production ......thous. of wine gal..	86	60	85	149	68	195	180	117	59	149	67	46	....
Tax-paid withdrawals ......do....	172	170	86	66	78	53	82	84	56	71	95	133	....
Stocks, end of month ......do....	1,397	1,267	1,259	1,327	1,306	1,437	1,525	1,550	1,546	1,617	1,585	1,484	....
Imports ......do....	119	118	49	35	39	38	36	50	33	38	43	72	....
Still wines:													
Production ......do....	15,273	4,820	2,081	1,717	2,301	1,367	1,565	1,212	1,036	4,102	29,039	77,369	....
Tax-paid withdrawals ......do....	11,787	10,763	11,289	9,680	10,609	8,894	8,409	8,207	6,969	8,573	9,879	11,515	....
Stocks, end of month ......do....	198,424	187,704	176,376	166,878	158,360	150,513	142,762	133,978	127,386	120,474	139,168	210,588	....
Imports ......do....	562	534	353	309	388	412	398	363	260	259	269	424	....
Distilling materials produced at wineries...do....	36,334	10,975	1,469	1,007	1,347	926	467	417	602	8,732	73,107	150,884	....
DAIRY PRODUCTS													
Butter, creamery:													
Production (factory)‡ ......thous. of lb..	r 75,555	r 77,886	r 86,010	r 80,825	r 93,400	r 103,585	r 133,425	r 142,365	r 133,775	r 120,185	95,900	r 87,810	67,325
Stocks, cold storage, end of month ......do....	159,873	105,192	75,329	52,507	33,378	32,207	42,590	72,598	104,405	116,790	113,501	94,812	59,990
Price, wholesale, 92-score (New York) .dol. per lb..	.647	.664	.698	.694	.671	.670	.701	.686	.675	.673	.682	.707	.740
Cheese:													
Production (factory), total‡ ......thous. of lb..	r 67,927	r 68,409	r 72,280	r 71,675	r 91,295	r 102,405	r 133,755	r 143,350	r 127,175	r 111,005	91,945	r 82,445	65,090
American, whole milk‡ ......do....	r 45,277	r 45,107	r 49,930	r 50,045	r 65,495	r 76,295	r 103,625	r 113,520	r 101,505	r 86,855	r 69,965	59,325	43,290
Stocks, cold storage, end of month, total ......do....	261,259	212,493	179,577	160,621	155,095	169,822	197,412	234,608	262,540	269,564	272,053	257,886	233,191
American, whole milk ......do....	233,733	187,157	155,117	137,397	130,655	144,441	169,553	204,009	227,199	233,788	239,500	227,985	204,842
Imports ......do....	4,885	3,618	5,479	9,063	4,477	3,212	2,639	2,757	2,454	7,419	3,588	3,288	....
Price, wholesale, American, single daisies (Chicago) ......dol. per lb..	.363	.386	.447	.455	.437	.407	.414	.420	.408	.420	.410	.424	.431
Condensed and evaporated milk:													
Production:‡													
Condensed (sweetened):													
Bulk goods ......thous. of lb..	r 13,704	r 16,387	r 17,550	r 16,400	r 22,000	r 22,225	r 36,000	r 34,850	r 23,750	r 20,475	r 15,950	r 14,875	12,350
Case goods ⊙ ......do....	r 3,596	r 3,620	r 5,435	r 4,900	r 4,200	r 4,200	r 5,700	r 6,200	r 4,900	r 4,375	r 4,200	r 4,250	4,650
Evaporated (unsweetened), case goods...do....	r 157,764	r 157,471	r 181,500	r 190,500	r 257,900	r 290,400	r 288,500	r 371,900	r 315,300	r 264,000	r 197,000	r 166,500	133,500
Stocks, manufacturers', case goods, end of month:													
Condensed (sweetened) ......thous. of lb..	10,494	6,883	7,598	6,753	9,501	8,325	9,566	8,796	7,892	7,169	5,898	6,954	8,768
Evaporated (unsweetened) ......do....	316,666	159,559	88,859	113,207	91,682	148,505	222,603	426,747	524,154	543,744	501,655	r 447,976	357,000
Exports:													
Condensed (sweetened) ......do....	4,327	2,411	1,123	1,969	1,720	2,961	3,306	5,664	2,466	3,195	2,616	1,463	....
Evaporated (unsweetened) ......do....	8,225	9,352	8,337	8,995	13,874	22,487	24,368	32,587	15,596	27,617	26,573	12,590	....
Prices, wholesale, U. S. average:													
Condensed (sweetened) ......dol. per case..	9.50	9.72	10.49	10.80	10.80	10.80	10.80	10.80	10.80	10.80	10.80	10.80	10.80
Evaporated (unsweetened) ......do....	5.39	5.63	6.06	6.15	6.16	6.16	6.16	6.14	6.12	6.09	6.06	6.04	6.09
Fluid milk:													
Production ......mil. of lb..	8,402	8,523	8,960	8,527	9,690	10,328	11,856	12,535	11,829	10,713	9,464	9,025	8,275
Utilization in mfd. dairy products ......do....	2,678	2,738	2,999	2,905	3,536	3,937	5,101	5,334	4,845	4,268	3,403	3,051	2,377
Price, dealers', standard grade....dol. per 100 lb..	4.84	4.88	4.98	5.09	5.08	5.05	5.00	4.98	5.05	5.13	5.20	5.30	5.37
Dry milk:													
Production:‡													
Dry whole milk ......thous. of lb..	r 9,056	r 9,281	r 11,800	r 11,700	r 14,950	r 15,600	r 15,650	r 14,325	r 13,625	r 9,775	r 7,150	6,115	4,125
Nonfat dry milk solids (human food) ......do....	r 30,923	r 38,921	r 43,500	r 41,500	r 54,675	r 70,600	r 101,100	r 108,400	r 82,050	r 66,900	r 45,425	35,825	25,930
Stocks, manufacturers', end of month:													
Dry whole milk ......do....	11,644	10,231	10,784	13,811	14,464	16,564	19,190	22,241	24,129	26,325	25,511	23,288	19,612
Nonfat dry milk solids (human food) ......do....	23,498	22,030	22,545	23,899	26,791	42,580	76,123	110,013	121,663	124,881	109,438	83,558	57,636
Exports:													
Dry whole milk ......do....	5,308	5,334	4,644	4,483	6,613	5,085	5,348	6,301	5,369	4,449	2,835	3,836	....
Nonfat dry milk solids (human food) ......do....	18,994	15,070	9,369	13,653	26,535	15,881	9,421	12,939	7,906	4,196	2,675	2,139	....
Price, wholesale, nonfat dry milk solids (human food), U. S. average ......dol. per lb..	.124	.127	.131	.133	.137	.144	.145	.146	.147	.147	.149	.147	.150
FRUITS AND VEGETABLES													
Apples:													
Production (crop estimate) ......thous. of bu..	....	[1] 123,126	....	....	....	....	....	....	....	....	....	....	[2] 112,935
Shipments, carlot ......no. of carloads..	5,247	4,041	3,860	3,883	4,257	3,183	1,703	694	249	201	1,101	r 4,154	3,551
Stocks, cold storage, end of month...thous. of bu..	40,032	33,621	27,273	20,135	12,891	6,931	2,844	680	294	293	7,684	r 28,375	27,744
Citrus fruits, carlot shipments ......no. of carloads..	6,551	14,032	10,944	9,849	11,994	10,958	12,658	10,437	7,428	7,087	6,374	r 6,163	7,632
Frozen fruits, stocks, cold storage, end of month thous. of lb..	479,353	449,989	431,711	408,361	390,646	361,867	418,666	531,090	573,708	610,299	599,766	r 571,229	527,462
Frozen vegetables, stocks, cold storage, end of month ......thous. of lb..	454,011	425,170	375,269	328,520	294,223	272,111	270,206	290,321	369,311	445,724	515,766	r 554,175	525,223
Potatoes, white:													
Production (crop estimate) ......thous. of bu..	....	[1] 429,896	....	....	....	....	....	....	....	....	....	....	[2] 325,708
Shipments, carlot ......no. of carloads..	13,513	13,702	18,588	17,165	22,836	20,735	21,168	22,604	12,761	11,438	12,239	r 17,902	18,528
Price, wholesale, U. S. No. 1 (New York) dol. per 100 lb..	2.515	3.121	3.039	3.315	2.926	4.005	4.107	3.733	3.008	3.436	4.171	3.865	4.736

r Revised. [1] Revised estimate. [2] December 1 estimate.

♂ Figures beginning July 1951 exclude production of wines and vermouth; for July 1950–June 1951, such production totaled 99,000 gallons.

‡ Revisions prior to November 1950 are available upon request as follows: Beginning 1949 for butter, cheese, and nonfat dry milk solids; beginning 1950 for condensed and evaporated milk and dry whole milk.

⊙ The revised figures beginning 1950 represent whole milk only; earlier data cover both whole and skimmed milk.

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950 November	1950 December	1951 January	1951 February	1951 March	1951 April	1951 May	1951 June	1951 July	1951 August	1951 September	1951 October	1951 November
FOODSTUFFS AND TOBACCO—Continued													
GRAINS AND GRAIN PRODUCTS													
Exports, principal grains, including flour and meal, thous. of bu.	33,944	39,297	40,338	56,384	59,459	82,240	62,034	54,519	41,662	51,689	48,585	40,452	
Barley:													
Production (crop estimate) ... do		[1] 303,533											[2] 254,668
Receipts, principal markets ... do	12,581	9,821	8,909	6,663	8,801	9,703	6,822	6,819	7,204	22,135	12,411	10,206	11,518
Stocks, domestic, end of month:													
Commercial ... do	34,541	32,625	31,635	30,165	27,476	24,692	24,585	24,285	23,261	26,353	28,254	27,704	26,779
On farms ... do		139,338			88,869			40,194			169,113		
Exports, including malt ... do	3,599	3,621	2,247	4,559	6,177	r 6,576	2,582	3,137	5,266	2,548	4,056	1,554	
Prices, wholesale (Minneapolis):													
No. 2, malting ... dol. per bu.	1.561	1.568	1.687	1.742	1.738	1.625	1.517	1.388	1.283	1.368	1.434	1.542	1.652
No. 3, straight ... do	1.476	1.512	1.617	1.673	1.628	1.445	1.365	1.261	1.193	1.264	1.292	1.389	1.481
Corn:													
Production (crop estimate) ... mil. of bu.		[1] 3,058											[2] 2,941
Grindings, wet process ... thous. of bu.	11,778	10,867	12,864	11,182	13,004	10,893	10,860	10,769	9,604	10,147	9,289	10,424	10,774
Receipts, principal markets ... do	52,010	42,716	54,945	34,227	33,010	25,664	21,914	21,155	21,759	23,800	21,578	24,565	33,948
Stocks, domestic, end of month:													
Commercial ... do	52,137	59,365	70,093	74,058	71,453	61,636	50,939	42,570	35,379	32,559	32,785	38,497	47,299
On farms ... mil. of bu.		2,160.5			1,353.1			814.9			317.7		
Exports, including meal ... thous. of bu.	10,355	11,151	8,825	11,621	12,979	15,035	8,895	6,985	6,568	6,015	4,188	5,161	
Prices, wholesale:													
No. 3, white (Chicago) ... dol. per bu.	1.760	(3)	(3)	(3)	(3)	1.889	1.870	(3)	(3)	1.854	1.795	1.798	1.762
No. 3, yellow (Chicago) ... do	1.581	1.686	1.738	1.818	1.770	1.799	1.774	1.721	1.764	1.794	1.801	1.782	1.828
Weighted average, 5 markets, all grades ... do	1.500	1.557	1.595	1.659	1.645	1.703	1.688	1.617	1.667	1.705	1.712	1.709	1.680
Oats:													
Production (crop estimate) ... mil. of bu.		[1] 1,410											[2] 1,316
Receipts, principal markets ... thous. of bu.	7,211	7,370	6,783	4,267	5,605	8,263	10,137	7,923	9,930	23,302	15,684	7,503	9,224
Stocks, domestic, end of month:													
Commercial ... do	18,226	17,698	17,585	15,231	13,828	13,030	14,971	14,886	17,798	27,449	33,213	31,507	28,173
On farms ... do		907,660			559,676			264,557			1,142,888		
Exports, including oatmeal ... do	432	324	285	447	1,190	726	440	891	269	227	543	149	
Price, wholesale, No. 3, white (Chicago) ... dol. per bu.	.928	.977	.995	.996	.993	.980	.931	.865	.794	.817	.856	.918	1.071
Rice:													
Production (crop estimate) ... thous. of bu.		[1] 85,976											[2] 97,344
California:													
Receipts, domestic, rough ... thous. of lb.	58,484	42,174	58,298	50,618	45,169	42,524	54,961	62,332	88,472	42,350	31,647	190,887	94,417
Shipments from mills, milled rice ... do	37,295	58,099	28,657	34,374	25,414	37,536	30,167	30,734	58,385	73,389	18,109	44,418	77,966
Stocks, rough and cleaned (cleaned basis), end of month ... thous. of lb.	90,474	57,204	64,573	62,221	64,246	53,497	56,873	65,013	63,302	20,372	23,127	102,340	90,071
Southern States (Ark., La., Tenn., Tex.):													
Receipts, rough, at mills ... thous. of lb.	402,280	126,731	101,492	74,774	55,144	28,144	15,751	26,529	r 28,261	292,259	551,420	980,355	330,758
Shipments from mills, milled rice ... do	161,747	164,678	176,956	142,156	118,987	81,199	73,562	99,562	140,267	153,069	191,062	295,248	186,612
Stocks, domestic, rough and cleaned (cleaned basis), end of month ... thous. of lb.	857,876	776,126	663,977	569,695	482,688	419,822	356,857	279,413	162,622	215,451	383,344	697,198	719,664
Exports ... do	81,930	77,914	67,999	66,834	64,163	43,343	13,024	13,259	127,364	111,588	133,772	157,879	
Price, wholesale, head, clean (N. O.) ... dol. per lb.	.099	.098	.099	.100	.105	.105	.105	.104	.104	.091	.083	.090	.094
Rye:													
Production (crop estimate) ... thous. of bu.		[1] 21,264											[2] 21,395
Receipts, principal markets† ... do	1,052	2,800	809	715	787	1,510	1,031	901	1,800	5,995	2,330	r 1,381	806
Stocks, commercial, domestic, end of month ... do	7,716	7,871	7,363	6,861	5,851	4,036	2,733	2,006	2,423	5,129	6,183	6,471	6,217
Price, wholesale, No. 2 (Minn.) ... dol. per bu.	1.463	1.627	1.764	1.894	1.878	1.923	1.883	1.834	1.790	1.642	1.659	1.817	1.933
Wheat:													
Production (crop estimate), total ... mil. of bu.		[1] 1,019.4											[2] 987.5
Spring wheat ... do		[1] 278.7											[2] 342.0
Winter wheat ... do		[1] 740.7											[2] 645.5
Receipts, principal markets ... thous. of bu.	39,472	33,151	26,192	21,333	28,407	48,928	53,853	31,013	65,841	66,140	60,975	47,284	35,730
Disappearance, domestic ... do		r 208,548			287,814			r 325,929			272,111		
Stocks, end of month:													
Canada (Canadian wheat) ... do	212,742	221,548	214,399	204,220	188,379	168,777	166,795	167,086	160,577	143,643	164,425	223,849	209,143
United States, domestic, total♂ ... do		999,987			715,959			r 393,304			1,126,791		
Commercial ... do	253,690	247,318	227,821	206,379	193,663	177,355	177,369	157,848	211,870	233,527	238,443	224,941	202,464
Interior mills, elevators, and warehouses, thous. of bu.		282,191			200,827			r 89,129			271,207		
Merchant mills ... do		129,357			101,052			r 73,587			131,576		
On farms ... do		335,670			217,261			72,738			481,775		
Exports, total, including flour ... do	19,557	24,140	28,958	39,259	38,601	59,483	47,677	42,306	29,220	42,819	39,797	33,584	
Wheat only ... do	16,367	r 19,443	24,608	34,335	r 33,095	52,087	42,673	39,706	27,458	38,500	35,439	30,147	
Prices, wholesale:													
No. 1, dark northern spring (Minneapolis), dol. per bu.	2.385	2.460	2.493	2.602	2.520	2.532	2.537	2.448	2.475	2.464	2.442	2.517	2.597
No. 2, hard winter (Kansas City) ... do	2.224	2.346	2.402	2.476	2.401	2.435	2.384	2.343	2.307	2.330	2.383	2.452	2.540
No. 2, red winter (St. Louis) ... do	2.204	2.329	2.455	2.529	2.444	2.476	2.305	2.191	2.213	2.287	2.402	2.488	2.565
Weighted avg., 6 markets, all grades ... do	2.268	2.355	2.414	2.507	2.408	2.440	2.421	2.348	2.313	2.339	2.341	2.404	2.472
Wheat flour:													
Production:													
Flour ... thous. of sacks (100 lb.)	18,433	19,588	22,209	18,733	19,706	17,233	18,529	17,091	18,026	19,653	18,795	21,055	19,876
Operations, percent of capacity	78.0	86.9	89.8	83.3	79.6	73.4	75.4	72.9	76.5	76.3	88.5	88.2	84.4
Offal ... short tons	378,000	391,000	443,065	373,358	386,398	338,866	368,285	342,902	364,193	395,893	377,944	456,000	403,000
Grindings of wheat ... thous. of bu.	42,810	45,449	51,558	43,591	45,860	39,958	43,049	39,987	42,156	45,928	43,789	49,342	46,684
Stocks held by mills, end of month, thous. of sacks (100 lb.)		5,049			4,839			4,494			4,712		
Exports ... do	1,369	2,011	1,867	2,113	2,363	3,174	2,148	1,116	756	1,854	r 1,870	1,475	
Prices, wholesale:													
Standard patents (Minneapolis), dol. per sack (100 lb.)	5.738	5.925	6.055	6.306	6.125	6.145	6.044	5.912	5.910	5.919	5.794	5.780	6.038
Winter, straights (Kansas City) ... do	5.284	5.480	5.569	5.819	5.640	5.575	5.550	5.500	5.581	5.562	5.525	5.550	5.688

r Revised. [1] Revised estimate. [2] December 1 estimate. [3] No quotation.

†Revised series. Data are furnished by the Chicago Board of Trade and represent receipts at 12 interior primary markets; for names of markets and data for January 1948–July 1950, see note marked "†" on p. S-28 of the October 1951 SURVEY.

♂The total includes wheat owned by the Commodity Credit Corporation and stored off farms in its own steel and wooden bins; such data are not included in the breakdown of stocks.

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950		1951										
	November	December	January	February	March	April	May	June	July	August	September	October	November
FOODSTUFFS AND TOBACCO—Continued													
LIVESTOCK													
Cattle and calves:													
Slaughter (Federally inspected):													
Calves ... thous. of animals	505	445	433	374	447	406	414	406	408	422	373	500	457
Cattle ... do	1,151	1,110	1,160	887	965	894	986	787	920	1,064	956	1,140	1,122
Receipts, principal markets ... do	2,232	1,698	1,827	1,364	1,442	1,552	1,555	1,345	1,743	2,065	2,302	2,924	2,061
Shipments feeder, to 8 corn-belt States ... do	485	251	183	121	131	151	124	111	173	293	515	893	460
Prices, wholesale:													
Beef steers (Chicago) ... dol. per 100 lb	31.41	33.03	34.10	34.88	35.62	35.95	35.71	35.68	35.75	36.39	36.99	36.75	36.29
Steers, stocker and feeder (Kansas City) ... do	28.46	29.45	31.88	34.42	35.12	35.64	34.29	32.83	31.61	32.59	31.90	31.97	31.63
Calves, vealers (Chicago) ... do	32.38	32.38	35.90	38.38	36.50	38.90	37.25	38.31	37.40	36.75	36.25	37.10	36.00
Hogs:													
Slaughter (Federally inspected) thous. of animals	6,144	6,777	6,584	4,159	5,117	4,989	4,952	4,700	3,826	4,236	4,398	5,651	6,531
Receipts, principal markets ... do	3,704	4,018	4,070	2,713	3,061	3,060	3,080	2,856	2,630	2,765	2,741	3,458	4,097
Prices:													
Wholesale, average, all grades (Chicago) dol. per 100 lb	18.04	18.52	20.37	22.26	21.62	21.01	20.77	21.07	20.36	20.35	19.62	20.09	18.30
Hog-corn ratio bu. of corn equal in value to 100 lb. of live hog	13.0	12.2	13.0	13.8	13.2	12.7	12.4	13.0	12.8	12.8	11.9	12.4	11.1
Sheep and lambs:													
Slaughter (Federally inspected) thous. of animals	969	918	1,058	740	738	657	657	811	863	889	827	1,084	922
Receipts, principal markets ... do	1,185	1,048	1,139	673	716	807	956	964	1,076	1,310	1,822	2,152	1,157
Shipments, feeder, to 8 corn-belt States ... do	238	252	110	119	93	157	258	164	168	492	703	822	305
Prices, wholesale:													
Lambs, average (Chicago) ... dol. per 100 lb	29.50	31.38	34.75	38.25	40.50	39.25	35.50	35.00	31.75	31.50	31.25	31.00	31.00
Lambs, feeder, good and choice (Omaha) ... do	29.22	30.77	33.62	(1)	(1)	(1)	(1)	(1)	(1)	31.34	32.64	32.00	31.31
MEATS													
Total meats (including lard):													
Production (inspected slaughter) ... mil. of lb	1,809	1,948	1,975	1,334	1,537	1,479	1,537	1,442	1,387	1,488	1,374	1,668	1,841
Stocks, cold storage, end of month ... do	603	840	1,049	1,007	984	967	908	847	748	640	550	r 531	730
Exports ... do	36	56	63	45	66	77	79	81	84	62	56	44	----------
Beef and veal:													
Production (inspected slaughter) ... thous. of lb	669,181	650,935	686,992	527,293	576,081	537,799	595,451	483,836	556,897	617,158	553,317	648,917	645,256
Stocks, cold storage, end of month ... do	124,307	160,544	172,291	157,531	139,378	117,821	106,463	96,041	94,900	101,377	102,301	r 135,560	192,437
Exports ... do	783	791	1,172	924	467	495	385	348	472	769	2,643	892	----------
Price, wholesale, beef, fresh, steer carcasses, choice (600-700 lbs.) (New York)⊙ ... dol. per lb	.493	.531	.533	.561	.576	.578	.583	.578	.576	.578	.594	.601	.599
Lamb and mutton:													
Production (inspected slaughter) ... thous. of lb	43,293	41,964	50,187	36,188	36,529	32,603	31,457	35,892	38,061	39,369	36,652	47,490	42,803
Stocks, cold storage, end of month ... do	9,416	10,479	10,072	9,474	7,727	5,435	5,862	5,235	6,211	6,407	7,227	r 9,767	11,498
Pork, including lard, production (inspected slaughter) ... thous. of lb	1,096,444	1,255,175	1,237,582	770,708	924,237	908,712	910,332	922,354	791,554	831,556	784,336	971,381	1,153,267
Pork, excluding lard:													
Production (inspected slaughter) ... do	821,067	923,638	896,297	570,361	684,025	672,100	665,162	672,784	576,759	614,815	579,276	718,673	850,917
Stocks, cold storage, end of month ... do	326,300	499,408	668,007	641,565	648,384	654,497	616,231	572,372	496,171	401,573	325,959	r 276,255	402,165
Exports ... do	5,504	10,403	9,591	7,785	5,486	3,710	4,488	6,113	5,851	5,833	5,573	8,899	----------
Prices, wholesale:													
Hams, smoked, composite ... dol. per lb	.492	.545	.574	.590	.591	.564	.568	.574	.573	.574	.568	.574	.550
Fresh loins, 8-10 lb. average (New York) ... do	.408	.414	.430	.489	.461	.463	.474	.488	.488	.544	.559	.557	.460
Lard:													
Production (inspected slaughter) ... thous. of lb	200,922	242,183	249,441	146,508	175,502	173,137	179,686	182,936	157,111	158,700	149,769	184,705	221,097
Stocks, cold storage, end of month ... do	57,794	69,857	89,321	89,433	78,352	75,171	68,639	68,754	46,820	34,702	28,372	r 31,344	32,720
Exports ... do	25,995	38,727	47,486	32,277	55,519	66,995	68,083	67,886	72,030	48,398	41,753	29,808	----------
Price, wholesale, refined (Chicago) ... dol. per lb	.178	.197	.215	.218	.213	.203	.198	.200	.198	.198	.208	.209	.180
POULTRY AND EGGS													
Poultry:													
Receipts, 5 markets ... thous. of lb	87,741	82,807	38,436	27,972	34,806	35,273	43,097	52,380	42,360	46,157	63,264	77,471	87,278
Stocks, cold storage, end of month ... do	269,640	281,972	284,623	242,023	192,913	147,203	125,359	112,369	106,692	121,493	166,242	r 259,920	308,366
Price, wholesale, live fowls (Chicago) ... dol. per lb	.232	.241	.272	.301	.324	.334	.314	.286	.269	.252	.255	.252	.229
Eggs:													
Production, farm ... millions	3,977	4,351	5,021	5,203	6,340	6,318	6,156	5,270	4,711	4,231	4,007	4,240	4,215
Dried egg production ... thous. of lb	1,366	637	1,681	1,843	2,159	2,027	3,235	2,652	668	495	468	370	355
Stocks, cold storage, end of month:													
Shell ... thous. of cases	61	34	75	159	309	973	2,083	2,427	2,270	1,653	958	r 527	232
Frozen ... thous. of lb	75,582	47,310	31,157	32,712	62,298	109,253	162,659	189,980	190,818	176,273	151,293	r 121,592	93,662
Price, wholesale, extras, large (Chicago) dol. per doz	.577	.577	.425	.449	.468	.475	.478	.517	.514	.595	.630	.669	.664
MISCELLANEOUS FOOD PRODUCTS													
Candy, sales by manufacturers ... thous. of dol	68,029	61,906	61,844	56,278	54,027	46,463	44,604	40,590	36,937	49,126	68,285	77,845	77,765
Cocoa:													
Imports ... long tons	14,596	32,204	29,648	26,482	48,483	25,526	32,373	23,778	15,636	23,235	9,622	6,090	----------
Price, wholesale, Accra (New York) ... dol. per lb	.363	.345	.370	.376	.384	.384	.382	.383	.350	.355	.341	.320	.295
Coffee:													
Clearances from Brazil, total ... thous. of bags	1,251	1,350	1,362	1,691	1,447	966	1,281	837	985	1,419	1,482	1,792	1,725
To United States ... do	713	977	1,033	1,304	934	655	847	572	521	888	962	1,089	1,008
Visible supply, United States‡ ... do	r 810	r 791	r 790	r 892	r 1,020	r 785	r 754	r 690	r 551	r 591	r 619	r 736	562
Imports ... do	1,381	1,348	2,225	2,129	2,344	1,457	1,485	1,318	1,253	1,294	1,216	1,742	----------
Price, wholesale, Santos, No. 4 (New York) dol. per lb	.519	.540	.551	.555	.548	.545	.544	.536	.532	.536	.542	.545	.542
Fish:													
Landings, fresh fish, 5 ports ... thous. of lb	43,530	29,074	28,665	38,692	43,321	57,916	67,200	68,613	70,310	69,618	54,520	50,468	----------
Stock, cold storage, end of month ... do	165,394	157,722	130,880	106,834	96,367	88,803	105,944	127,351	146,891	161,628	166,100	171,924	179,135

r Revised. [1] No quotation. ⊙Designated as "good" grade prior to January 1951.
‡ Revised back to July 1949 to reflect quantities in bags of approximately 132 pounds; earlier data are in bags of original weights as reported. Revisions for July 1949—October 1950, respectively, are as follows (thous. of bags): 933; 858; 853; 818; 900; 1,039; 921; 1,000; 1,031; 795; 668; 671; 781; 771; 845; 820.

FOODSTUFFS AND TOBACCO—Continued

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950		1951										
	November	December	January	February	March	April	May	June	July	August	September	October	November
MISCELLANEOUS FOOD PRODUCTS—Con.													
Sugar:													
Cuban stocks, raw, end of month thous. of Spanish tons	r 443	246	506	1,538	2,488	3,538	3,838	3,137	2,573	1,977	1,602	952	577
United States:													
Deliveries and supply (raw basis):													
Production and receipts:													
Production short tons	866,935	531,464	111,686	66,422	40,570	34,751	18,463	47,954	31,386	27,762	98,067	464,289	------
Entries from off-shore do	320,519	203,654	235,737	553,832	564,059	567,747	563,138	620,832	594,611	542,615	396,322	444,726	314,637
Hawaii and Puerto Rico do	131,587	84,803	21,153	104,596	164,129	171,703	260,011	284,460	228,452	195,252	111,020	92,575	102,389
Deliveries, total do	523,250	688,617	653,208	556,093	533,772	532,257	1,104,322	824,919	519,795	676,096	646,163	678,741	------
For domestic consumption do	510,224	681,353	646,583	546,803	524,495	520,335	1,094,004	821,213	511,268	670,503	643,958	676,573	535,099
For export do	13,026	7,264	6,625	9,290	9,277	11,922	10,318	3,706	8,527	5,593	2,205	2,168	------
Stocks, raw and refined, end of month thous. of short tons	r 1,767	1,836	1,591	1,612	1,722	1,818	1,285	1,090	1,217	1,121	958	1,169	------
Exports, refined sugar short tons	5,012	7,160	1,344	1,978	3,933	16,218	21,079	r 25,412	10,656	3,399	2,011	1,470	------
Imports:													
Raw sugar, total do	168,675	134,063	247,292	377,243	344,935	344,583	285,133	271,882	314,392	311,704	245,146	236,612	------
From Cuba do	150,032	123,431	234,283	294,025	266,755	242,238	175,481	174,534	230,304	246,113	211,773	220,891	------
From Philippine Islands do	11,103	8,401	13,029	83,189	78,165	102,344	109,643	97,342	79,723	54,807	33,366	11,984	------
Refined sugar, total do	396	400	21,011	21,050	40,489	39,665	36,834	29,310	35,197	32,735	28,013	45,251	------
From Cuba do	286	------	20,910	20,600	40,489	39,465	36,534	29,168	35,197	32,728	28,013	45,251	------
Price (New York):													
Raw, wholesale dol. per lb	.062	.063	.061	.060	.059	.058	.063	.066	.063	.060	.060	.059	.060
Refined:													
Retail dol. per 5 lb	.480	.480	.487	.490	.488	.501	.480	.482	.492	.497	.496	.486	.482
Wholesale dol. per lb	.081	.081	.081	.081	.081	.081	.082	.084	.086	.084	.083	.081	.081
Tea, imports thous. of lb	8,662	5,992	7,536	7,067	9,627	11,973	7,208	5,704	7,173	7,152	5,835	4,945	------
TOBACCO													
Leaf:													
Production (crop estimate) mil. of lb	------	[1] 2,031	------	------	------	------	------	------	------	------	------	------	[2] 2,282
Stocks, dealers' and manufacturers', end of quarter, total mil. of lb	------	3,989	------	------	3,942	------	------	3,573	------	------	3,759	------	------
Domestic:													
Cigar leaf do	------	331	------	------	398	------	------	404	------	------	373	------	------
Air-cured, fire-cured, flue-cured, and miscellaneous domestic mil. of lb	------	3,492	------	------	3,355	------	------	2,973	------	------	3,203	------	------
Foreign grown:													
Cigar leaf do	------	16	------	------	16	------	------	17	------	------	17	------	------
Cigarette tobacco do	------	150	------	------	172	------	------	180	------	------	166	------	------
Exports, including scrap and stems thous. of lb	52,666	45,897	31,550	20,215	29,448	32,804	25,718	26,794	24,068	47,394	74,746	87,519	------
Imports, including scrap and stems do	6,765	6,352	8,543	7,954	8,020	7,597	8,733	7,832	8,018	9,812	8,404	13,702	------
Manufactured products:													
Production, manufactured tobacco, total do	19,063	14,526	19,810	18,150	19,677	18,706	20,145	19,581	15,777	21,665	19,777	18,292	------
Chewing, plug, and twist do	6,884	5,902	7,591	7,069	7,328	6,674	7,541	7,475	6,708	8,240	7,049	7,120	------
Smoking do	8,894	5,626	8,510	7,789	8,784	8,732	9,103	8,897	6,819	9,741	9,669	8,017	------
Snuff do	3,285	2,998	3,708	3,293	3,565	3,299	3,501	3,209	2,250	3,684	3,060	3,154	------
Consumption (withdrawals):													
Cigarettes (small):													
Tax-free millions	2,837	2,619	2,344	3,003	2,600	3,159	3,996	3,463	2,444	3,499	2,773	3,416	------
Tax-paid do	29,825	25,000	33,474	28,857	30,160	29,524	32,776	32,474	29,739	35,601	30,800	r 37,477	34,229
Cigars (large), tax-paid thousands	544,792	374,800	458,877	435,074	455,351	444,006	478,693	502,592	421,758	533,739	490,938	590,616	554,341
Manufactured tobacco and snuff, tax-paid thous. of lb	18,591	13,498	20,360	17,765	18,423	18,451	19,272	19,091	15,806	21,551	19,486	14,374	24,005
Exports, cigarettes millions	1,061	1,098	1,235	1,153	1,564	1,381	1,401	1,404	1,140	1,704	1,443	1,208	------
Price, wholesale (composite), cigarettes, f. o. b., destination dol. per thous	7.056	7.056	7.056	7.056	7.056	7.056	7.056	7.056	7.056	7.056	7.056	7.056	7.555

LEATHER AND PRODUCTS

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950 November	1950 December	1951 January	February	March	April	May	June	July	August	September	October	November
HIDES AND SKINS													
Imports, total hides and skins‡ thous. of lb	28,027	19,593	24,817	17,570	20,247	18,177	22,301	23,833	30,158	30,617	25,902	21,212	------
Calf and kip skins thous. of pieces	382	186	416	312	218	203	285	195	355	136	72	105	------
Cattle hides‡ do	294	272	564	156	222	175	280	325	437	408	191	205	------
Goatskins‡ do	3,463	3,000	3,477	2,743	2,976	3,230	3,616	2,755	3,137	2,819	1,931	1,814	------
Sheep and lamb skins do	2,359	1,640	1,471	1,119	1,533	1,580	1,655	1,949	1,423	2,632	5,754	2,358	------
Prices, wholesale (Chicago):													
Calfskins, packers', under 15 lbs dol. per lb	.605	.662	.680	.625	.672	.720	.790	.720	.475	.420	.382	.410	.353
Hides, steer, packers', heavy native do	.346	.358	[3] .377	.365	.357	.330	.330	.330	.330	.305	.321	.304	.208
LEATHER													
Production:													
Calf and kip thous. of skins	993	860	870	921	904	805	619	574	459	559	492	607	------
Cattle hide thous. of hides	2,249	2,046	2,298	2,204	2,220	1,916	1,956	1,878	1,534	1,885	r 1,644	1,859	------
Goat and kid thous. of skins	3,319	3,019	3,502	3,196	3,435	3,100	2,917	2,620	2,038	2,469	r 1,830	2,011	------
Sheep and lamb do	2,546	2,333	2,831	2,705	2,492	1,968	1,835	1,478	1,480	1,873	1,674	2,138	------
Exports:													
Sole leather:													
Bends, backs, and sides thous. of lb	14	53	5	132	17	12	56	32	83	7	18	3	------
Offal, including belting offal do	24	95	9	21	17	78	14	48	86	10	17	7	------
Upper leather thous. of sq. ft	2,440	3,284	2,848	2,051	2,776	2,087	1,368	1,577	1,833	2,312	1,706	1,118	------
Prices, wholesale:													
Sole, bends, steer, f. o. b. tannery dol. per lb	.703	.782	.864	.911	.926	.911	.911	.911	.833	.784	.735	.686	------
Chrome calf, black, B grade, composite dol. per sq. ft	1.174	1.204	1.229	1.239	1.229	1.235	1.235	1.235	1.152	1.070	1.043	1.035	.97

r Revised. [1] Revised estimate. [2] December 1 estimate. [3] Composite price; January figure comparable with earlier data is $0.400.
‡Revisions for 1950 are shown in corresponding note in the October 1951 issue of the SURVEY.

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950 November	1950 December	1951 January	1951 February	1951 March	1951 April	1951 May	1951 June	1951 July	1951 August	1951 September	1951 October	1951 November
LEATHER AND PRODUCTS—Continued													
LEATHER MANUFACTURES													
Shoes and slippers: ‡													
Production, total ... thous. of pairs	r 39,991	r 37,394	44,885	42,380	46,176	38,732	37,392	36,669	31,757	41,958	r 36,130	38,783	----
Shoes, sandals, and play shoes, except athletic, total ... thous. of pairs	r 33,589	r 33,794	41,451	38,862	42,009	34,715	33,468	32,782	27,929	36,635	r 30,844	32,822	----
By types of uppers: ♂													
All leather ... do	29,971	30,239	37,272	35,357	37,785	30,638	29,480	28,905	25,020	32,796	26,862	29,450	----
Part leather and nonleather ... do	2,313	2,401	3,106	3,439	4,154	4,077	3,988	3,877	2,909	3,839	3,105	3,372	----
By kinds:													
Men's ... do	r 8,692	r 8,230	10,023	9,337	10,598	9,304	9,703	9,214	6,873	9,106	r 7,969	8,755	----
Youths' and boys' ... do	r 1,327	r 1,201	1,250	1,155	1,235	1,025	1,199	1,284	1,132	1,467	r 1,258	1,319	----
Women's ... do	r 15,758	r 16,229	20,689	19,634	21,176	17,316	15,453	15,380	14,689	19,222	r 15,580	15,713	----
Misses' and children's ... do	r 4,748	r 5,000	5,937	5,487	5,553	4,207	4,204	4,289	3,308	4,376	r 3,800	4,321	----
Infants' and babies' ... do	r 3,064	r 3,134	3,552	3,249	3,447	2,863	2,909	2,615	1,927	2,464	r 2,237	2,714	----
Slippers for housewear ... do	r 5,736	r 3,097	2,913	3,017	3,552	3,478	3,391	3,412	3,419	4,797	r 4,660	5,395	----
Athletic ... do	r 319	r 276	277	278	339	299	255	211	152	198	189	205	----
Other footwear ... do	r 347	r 227	244	223	276	240	278	264	257	328	r 437	361	----
Exports§ ... do	280	196	244	279	401	338	307	247	197	289	283	229	----
Prices, wholesale, factory, Goodyear welt, leather sole:													
Men's black calf oxford, plain toe. dol. per pair	10.388	10.682	11.368	11.760	11.760	11.760	11.760	11.466	11.368	11.368	11.184	10.633	10.633
Men's black calf oxford, tip toe ... do	7.750	7.975	8.560	8.800	8.800	8.800	8.800	8.688	8.350	8.350	8.350	8.110	7.750
Women's oxford (nurses'), rubber toplift* ... do	5.700	5.700	5.920	6.250	6.250	6.250	6.250	6.250	6.250	6.250	6.250	6.250	6.250
LUMBER AND MANUFACTURES													
LUMBER—ALL TYPES													
xports, total sawmill products ... M bd ft	53,109	66,416	54,733	71,028	75,971	64,934	83,538	93,155	95,844	102,515	76,817	106,072	----
mports, total sawmill products ... do	264,418	240,623	204,748	179,627	230,218	232,287	213,085	204,938	221,873	219,551	206,517	232,368	----
ational Lumber Manufacturers Association:													
Production, total ... mil. bd. ft	3,356	3,009	3,005	2,763	3,288	3,469	3,793	3,660	3,147	3,584	3,200	3,514	3,210
Hardwoods ... do	776	705	713	634	776	760	806	837	767	767	746	741	686
Softwoods ... do	2,580	2,304	2,292	2,129	2,512	2,709	2,987	2,823	2,380	2,817	2,454	2,773	2,524
Shipments, total ... do	3,285	2,878	3,199	2,884	3,448	3,454	3,474	3,171	2,741	3,231	2,937	3,412	3,163
Hardwoods ... do	743	651	705	688	788	786	692	632	572	594	574	655	690
Softwoods ... do	2,542	2,227	2,494	2,196	2,661	2,668	2,782	2,539	2,169	2,637	2,363	2,757	2,473
Stocks, gross (mill and concentration yards), end of month, total ... mil. bd. ft	6,645	6,763	6,552	6,431	6,285	6,300	6,584	7,111	7,543	7,870	8,132	8,193	8,240
Hardwoods ... do	2,237	2,291	2,299	2,244	2,233	2,207	2,321	2,526	2,720	2,893	3,065	3,152	3,148
Softwoods ... do	4,408	4,472	4,253	4,187	4,052	4,093	4,263	4,585	4,823	4,977	5,067	5,041	5,092
SOFTWOODS													
ouglas fir:													
Orders, new ... do	940	969	1,085	734	1,008	963	966	742	737	867	835	923	764
Orders, unfilled, end of month ... do	734	733	1,006	942	925	890	889	704	644	509	514	374	245
Production ... do	909	860	913	817	904	978	1,045	954	708	987	860	981	898
Shipments ... do	960	840	942	798	1,025	998	1,012	882	656	926	830	965	892
Stocks, gross, mill, end of month ... do	766	773	732	752	631	611	607	717	795	830	861	836	841
Exports, total sawmill products ... M bd. ft	23,221	33,574	25,272	37,104	36,536	36,743	43,359	48,441	37,864	54,128	38,510	47,677	----
Sawed timber ... do	9,043	13,769	6,981	6,977	11,421	11,784	13,792	12,010	11,682	12,453	7,421	20,823	----
Boards, planks, scantlings, etc ... do	14,178	19,805	18,291	30,127	25,115	24,959	29,567	36,431	26,182	41,675	31,089	26,854	----
Prices, wholesale:													
Dimension, No. 1 common, 2" x 4", R. L. dol. per M bd. ft	79.026	78.090	r 1 81.864	1 83.377	1 83.902	1 83.943	1 83.657	1 82.268	1 82.068	1 81.935	1 82.212	r 1 82.648	1 82.408
Flooring, B and better, F. G., 1" x 4", R. L. dol. per M bd. ft	130.458	132.397	1 131.635	1 131.720	1 132.700	1 132.700	1 132.700	1 132.700	1 131.998	1 130.230	1 129.842	1 129.842	1 129.434
uthern pine:													
rders, new ... mil. bd. ft	624	633	905	651	785	678	689	605	619	742	697	808	639
rders, unfilled, end of month ... do	320	361	486	452	449	392	331	299	286	329	370	381	337
roduction ... do	778	709	732	652	769	762	816	695	677	707	622	728	695
hipments ... do	695	592	780	685	788	735	750	637	632	699	656	797	683
tocks, gross (mill and concentration yards), end of month ... mil. bd. ft	1,400	1,517	1,469	1,436	1,417	1,444	1,510	1,568	1,613	1,621	1,587	1,518	1,530
xports, total sawmill products ... M bd. ft	10,607	10,571	9,328	8,224	12,061	9,087	10,695	9,329	20,652	11,929	14,292	16,996	----
Sawed timber ... do	3,051	2,527	2,108	1,813	3,405	1,573	3,457	2,589	3,791	2,677	2,336	3,522	----
Boards, planks, scantlings, etc ... do	7,556	8,044	7,220	6,411	8,656	7,514	7,238	6,740	16,861	9,252	11,956	13,474	----
rices, wholesale, composite:													
Boards, No. 2 common, 1" x 6" or 8" x 12' dol. per M bd. ft	79.027	78.822	79.893	80.173	80.533	80.037	79.182	78.298	77.606	77.453	78.052	79.400	80.484
Flooring, B and better, F. G., 1" x 4" x 12-14' dol. per M bd. ft	153.204	152.515	152.286	150.448	150.920	149.836	149.210	149.210	149.210	149.210	149.210	148.586	149.210
stern pine:													
rders, new ... mil. bd. ft	617	619	583	456	565	683	740	763	724	749	700	747	635
rders, unfilled, end of month ... do	765	770	749	725	709	731	742	754	734	701	714	745	714
roduction ... do	616	500	388	406	548	659	792	847	741	801	684	744	641
hipments ... do	606	564	502	445	541	630	701	723	644	716	614	690	619
tocks, gross, mill, end of month ... do	1,515	1,451	1,337	1,298	1,305	1,334	1,427	1,551	1,648	1,733	1,803	1,857	1,879
rice, wholesale, Ponderosa, boards, No. 3 common, 1" x 8" ... dol. per M bd. ft	82.52	84.47	83.73	84.51	85.35	87.07	86.45	85.73	84.13	81.68	78.97	78.85	78.17
SOFTWOOD PLYWOOD													
duction ... thous. of sq. ft., 3/8" equivalent	251,340	243,227	265,090	255,408	279,415	264,094	285,278	281,340	195,059	283,321	r 242,823	269,099	----
ments ... do	251,525	252,238	252,975	247,892	283,104	263,884	275,490	280,908	178,875	270,994	r 235,627	257,386	----
ks, end of month ... do	57,315	49,043	59,039	66,156	60,610	59,080	65,801	65,529	80,323	91,462	r 97,932	109,604	----
HARDWOOD FLOORING													
le, beech, and birch:													
ders, new ... M bd. ft	5,400	4,700	7,700	6,225	5,200	5,075	3,775	4,300	3,675	4,550	3,175	3,700	3,350
ders, unfilled, end of month ... do	19,600	18,900	20,400	21,025	20,550	20,000	19,025	17,350	16,975	15,650	14,500	13,500	12,950
oduction ... do	5,650	5,700	5,950	5,750	5,800	5,700	5,400	5,550	4,050	5,450	4,800	4,750	3,900
ipments ... do	5,500	5,125	6,250	5,300	5,875	5,425	4,850	5,300	4,000	5,200	4,100	4,350	3,600
ocks, mill, end of month ... do	3,775	4,250	4,075	4,575	4,550	4,875	5,325	5,675	5,600	5,850	6,500	6,900	7,300

r Revised. 1 Beginning January 1951, the substituted price is based on quotations from a smaller number of companies.
‡ Revisions for January–October 1950 are available upon request.
♂ The figures include a comparatively small number of "other footwear" which is not shown separately from shoes, sandals, etc., in the distribution by types of uppers; there are further l differences between the sum of the figures and the totals for shoes, sandals, and play shoes, because the latter, and also the distribution by kinds, include small revisions not available by s of uppers.
§ Excludes "special category" items.
* New series. Data are compiled by the *U. S. Department of Labor, Bureau of Labor Statistics;* monthly data, beginning 1947, are available upon request.

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950		1951										
	November	December	January	February	March	April	May	June	July	August	September	October	November
LUMBER AND MANUFACTURES—Continued													
HARDWOOD FLOORING—Continued													
Oak:													
Orders, new ... M bd. ft.	62,778	67,553	113,234	83,274	81,813	68,904	65,806	51,757	65,721	83,288	84,032	83,335	57,15
Orders, unfilled, end of month ... do	68,884	68,155	91,658	93,512	92,804	82,647	65,620	53,093	54,740	57,246	65,778	66,613	54,98
Production ... do	93,040	81,885	90,435	79,419	93,657	87,050	94,499	81,269	71,301	83,699	74,297	86,628	81,03
Shipments ... do	86,031	73,944	89,731	78,129	90,960	81,866	85,922	71,488	69,053	80,782	75,500	85,373	73,26
Stocks, mill, end of month ... do	25,548	33,489	34,199	35,489	38,186	43,370	51,947	61,728	63,976	64,635	63,432	64,688	72,46
METALS AND MANUFACTURES													
IRON AND STEEL													
Foreign trade:													
Iron and steel products (excl. advanced mfrs.):													
Exports, total ... short tons	283,137	260,925	305,897	267,309	353,346	299,794	296,948	280,656	287,235	306,271	350,838	295,809	......
Scrap ... do	25,808	16,479	9,766	18,339	19,683	22,651	21,337	15,063	23,004	23,670	26,902	21,874	......
Imports, total ... do	467,063	482,903	479,284	403,146	405,191	387,851	377,895	292,784	315,363	279,818	257,741	246,988	......
Scrap ... do	128,456	106,044	66,902	46,017	54,489	22,260	19,086	14,102	28,993	26,074	17,116	17,417	......
Iron and Steel Scrap													
Consumption, total§ ... thous. of short tons	5,929	6,004	[1]6,692	[1]5,978	[1]6,930	[1]6,707	[1]6,828	[1]6,377	[1]5,934	[1]6,288	[1]6,023	[1]6,574	......
Home scrap ... do	3,019	3,092	[1]3,321	[1]2,963	[1]3,457	[1]3,331	[1]3,370	[1]3,187	[1]3,043	[1]3,240	[1]3,127	[1]3,409	......
Purchased scrap ... do	2,910	2,912	[1]3,372	[1]3,015	[1]3,473	[1]3,375	[1]3,458	[1]3,190	[1]2,892	[1]3,048	[1]2,896	[1]3,165	......
Stocks, consumers', end of month, total§ ... do	5,475	5,240	[1]5,462	[1]4,948	[1]4,431	[1]4,215	[1]4,154	[1]4,112	[1]4,199	[1]4,427	[1]4,437	[1]4,492	......
Home scrap ... do	1,560	1,490	[1]1,337	[1]1,301	[1]1,220	[1]1,104	[1]1,123	[1]1,170	[1]1,171	[1]1,212	[1]1,215	[1]1,255	......
Purchased scrap ... do	3,914	3,751	[1]4,125	[1]3,647	[1]3,211	[1]3,111	[1]3,031	[1]2,941	[1]3,028	[1]3,215	[1]3,222	[1]3,237	......
Ore													
Iron ore:													
All districts:													
Mine production ... thous. of long tons	7,401	3,362	3,812	3,315	3,525	8,795	14,362	14,932	15,103	15,832	14,764	13,900	......
Shipments ... do	9,017	2,997	2,183	2,028	2,453	8,837	14,990	15,783	16,251	16,448	14,900	14,623	......
Stocks, at mines, end of month ... do	5,490	5,856	7,476	8,762	9,829	9,757	9,128	8,277	7,129	6,515	6,381	5,639	......
Lake Superior district:													
Shipments from upper lake ports ... do	6,993	873	0	0	0	6,211	12,664	13,166	13,574	13,229	12,672	11,089	5,6
Consumption by furnaces ... do	6,861	7,289	7,327	6,435	7,372	7,235	7,761	7,499	7,556	7,699	7,473	7,749	7,6
Stocks, end of month, total ... do	41,543	37,169	30,227	24,123	17,335	15,072	19,772	26,423	33,142	39,920	45,453	50,229	49,0
At furnaces ... do	36,919	31,771	25,658	20,324	14,919	13,258	17,696	23,731	29,299	35,057	39,504	43,425	42,2
On Lake Erie docks ... do	4,624	5,398	4,569	3,799	2,417	1,813	2,075	2,692	3,843	4,863	5,950	6,804	6,8
Imports ... do	735	386	622	573	661	741	834	1,232	1,085	1,050	848	1,103	......
Manganese ore, imports (manganese content) thous. of long tons	57	88	59	69	81	83	49	85	52	69	71	67	......
Pig Iron and Iron Manufactures													
Castings, gray iron:§													
Orders, unfilled, for sale ... thous. of short tons	1,930	2,012	[1]2,298	[1]2,392	[1]2,390	[1]2,337	[1]2,229	[1]2,162	[1]2,208	[1]2,145	[1]2,055	1,991	......
Shipments, total ... do	1,161	1,182	[1]1,364	[1]1,234	[1]1,440	[1]1,363	[1]1,397	[1]1,309	[1]1,029	[1]1,219	[1]1,115	1,303	......
For sale ... do	657	653	[1]762	[1]685	[1]818	[1]767	[1]796	[1]743	[1]568	[1]698	[1]626	734	......
Castings, malleable iron:§													
Orders, unfilled, for sale ... do	180,099	194,950	[1]234,060	[1]255,347	[1]270,091	[1]279,561	[1]277,778	[1]258,144	[1]263,017	[1]249,273	[1]244,575	[1]229,995	......
Shipments, total ... do	85,163	91,510	[1]92,508	[1]88,950	[1]102,173	[1]97,921	[1]101,345	[1]94,376	[1]76,826	[1]90,727	[1]82,276	[1]92,386	......
For sale ... do	48,670	51,091	[1]54,817	[1]54,915	[1]60,771	[1]58,199	[1]61,918	[1]57,176	[1]45,072	[1]57,164	[1]48,568	[1]56,754	......
Pig iron:													
Production ... thous. of short tons	5,387	5,693	5,894	5,176	6,016	5,888	6,173	5,978	6,070	6,063	5,890	6,197	5,9
Consumption§ ... do	5,395	5,676	[1]6,011	[1]5,292	[1]6,054	[1]5,914	[1]6,184	[1]5,989	[1]5,955	[1]6,001	[1]5,898	[1]6,274	......
Stocks (consumers' and suppliers'), end of month§ thous. of short tons	1,465	1,481	[1]1,780	[1]1,700	[1]1,623	[1]1,603	[1]1,613	[1]1,633	[1]1,771	[1]1,819	1,818	[1]1,844	......
Prices, wholesale:													
Composite ... dol. per long ton	50.53	53.19	53.58	53.58	53.58	53.61	53.61	53.61	53.61	53.62	53.67	53.67	53.
Basic (furnace) ... do	49.00	51.63	52.00	52.00	52.00	52.00	52.00	52.00	52.00	52.00	52.00	52.00	52.
Foundry, No. 2, f. o. b. Neville Island ... do	49.50	52.50	52.50	52.50	52.50	52.50	52.50	52.50	52.50	52.50	52.50	52.50	52.
Steel, Crude and Semimanufactures													
Steel castings:													
Shipments, total ... short tons	145,929	155,258	[1]174,056	[1]163,976	[1]190,365	[1]181,908	[1]188,956	[1]184,424	[1]147,251	[1]177,096	[1]160,695	[1]189,929	......
For sale, total ... do	108,263	113,692	[1]124,002	[1]117,156	[1]134,184	[1]129,059	[1]130,826	[1]131,219	[1]100,141	[1]128,981	[1]116,658	[1]139,953	......
Railway specialties ... do	30,775	34,061	[1]41,586	[1]41,754	[1]43,320	[1]40,818	[1]39,194	[1]41,605	[1]27,235	[1]41,162	[1]34,693	[1]39,290	......
Steel forgings:													
Orders, unfilled, total ... do	656,586	673,823	708,784	781,234	874,598	924,202	[2]1,208,350	1,263,657	1,361,005	1,435,893	r 1,418,515	1,426,645	......
Drop and upset ... do	560,354	562,239	595,875	636,611	697,335	736,701	......	......	......	......	......	......	......
Press and open hammer ... do	96,232	111,584	112,909	144,623	177,263	187,501	......	......	......	......	......	......	......
Shipments, for sale, total ... do	130,286	127,784	138,413	128,799	160,917	153,947	[2]177,273	170,371	147,319	157,973	r 149,736	191,483	......
Drop and upset ... do	102,511	97,786	108,842	97,448	118,039	112,074	[2]117,475	110,979	95,275	103,962	r 97,326	130,675	......
Press and open hammer ... do	27,775	29,998	29,571	31,351	42,878	41,873	[2]59,798	59,392	52,044	54,011	52,410	60,808	......
Steel ingots and steel for castings:													
Production ... thous. of short tons	8,023	8,355	8,843	7,766	9,071	8,841	9,094	8,657	8,679	8,734	8,655	9,116	8,
Percent of capacity‡	97	98	100	97	102	103	103	101	98	99	101	103	
Prices, wholesale:													
Composite, finished steel ... dol. per lb	.0438	.0461	.0468	.0471	.0471	.0471	.0471	.0471	.0471	.0471	.0471	.0471	.0
Steel billets, rerolling (producing point) dol. per long ton	59.36	62.72	62.72	62.72	62.72	62.72	62.72	62.72	62.72	62.72	62.72	62.72	62
Structural steel (producing point) ... dol. per lb	.0375	.0400	.0400	.0400	.0400	.0400	.0400	.0400	.0400	.0400	.0400	.0400	.0
Steel scrap, heavy melting (Pittsburgh) dol. per long ton	44.00	46.50	47.75	46.63	45.00	45.00	45.00	45.00	45.00	45.00	45.00	44.75	44
Steel, Manufactured Products													
Barrels and drums, steel, heavy types:													
Orders, unfilled, end of month ... thousands	8,049	9,024	9,517	9,938	10,614	10,660	10,451	10,735	10,066	9,076	8,535	8,036	7,
Shipments ... do	2,588	2,604	2,766	2,313	2,762	2,384	2,605	2,632	2,366	2,781	2,322	2,511	2,
Stocks, end of month ... do	32	25	50	52	48	42	47	28	31	31	24	26	

r Revised. [1] See note marked "§".

[2] The Bureau of the Census estimated industry totals beginning May 1951 are based on reports from forge shops (shipping 50 tons or more per month) which account for over 95 perce all forgings produced. For May, shipments by the additional plants increased total shipments 13 percent; for total unfilled orders, the adjusted May figure is increased 27 percent and includes orders for the manufacturers' own use.

§ Data beginning January 1951 are estimated totals derived from a survey of approximately 1,300 establishments by the Bureau of Mines and the Bureau of the Census.

‡ Percent of capacity is calculated on annual capacity as follows: Data beginning January 1951, on capacity as of Jan. 1 of 104,229,650 tons of steel; 1950—July-December, on 100,563,500 (as of July 1).

METALS AND MANUFACTURES—Continued

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950		1951										
	November	December	January	February	March	April	May	June	July	August	September	October	November
IRON AND STEEL—Continued													
Steel, Manufactured Products—Continued													
Cans, metal, shipments (in terms of steel consumed), total — short tons	301,350	352,487	271,782	239,543	268,022	276,145	308,227	309,213	356,274	483,188	r 417,378	374,000	
Food — do	192,709	235,523	160,492	148,689	164,956	169,462	206,185	218,700	263,683	367,257	r 306,610	254,635	
Nonfood — do	108,641	116,964	111,290	90,854	103,066	106,683	102,042	90,513	92,591	115,931	r 110,768	119,365	
Shipments for sale — do	265,628	320,501	234,285	203,920	224,124	234,605	259,347	266,927	318,308	428,044	r 371,686	333,018	
Commercial closures, production — millions	1,330	1,275	1,485	1,344	1,536	1,485	1,404	1,313	1,068	1,118	r 989	974	
Crowns, production — thousand gross	29,260	26,807	30,925	29,040	34,006	31,453	30,282	28,461	26,861	33,638	r 26,101	23,774	
Steel products, net shipments:													
Total — thous. of short tons	6,051	6,433	6,905	5,776	7,105	6,635	6,939	6,646	5,989	6,756	6,207	6,509	
Bars, hot rolled—Carbon and alloy — do	671	732	767	644	792	736	787	734	689	744	712	778	
Reinforcing — do	152	152	155	141	161	141	162	152	151	184	160	155	
Semimanufactures — do	280	336	320	258	306	272	293	292	303	322	314	283	
Pipe and tubes — do	648	717	744	631	824	757	801	770	681	785	719	784	
Plates — do	540	551	631	522	681	653	716	685	653	691	657	666	
Rails — do	131	140	158	115	160	162	166	161	146	165	139	136	
Sheets — do	1,673	1,843	1,977	1,641	1,937	1,821	1,847	1,739	1,617	1,719	1,548	1,693	
Strip—Cold rolled — do	170	178	184	167	189	184	187	180	128	191	162	165	
Hot rolled — do	196	207	237	197	238	217	204	173	146	185	185	184	
Structural shapes, heavy — do	389	365	409	353	452	412	430	409	397	407	386	421	
Tin plate and terneplate — do	376	401	408	299	397	361	396	425	347	430	358	327	
Wire and wire products — do	484	452	510	442	524	495	513	493	345	492	456	479	
NONFERROUS METALS AND PRODUCTS													
Aluminum:													
Production, primary — short tons	62,276	65,897	67,954	62,740	70,022	67,701	67,721	67,454	72,698	73,816	69,429	72,647	
Imports, bauxite — long tons	203,639	250,187	236,515	228,436	222,030	223,503	180,141	272,903	284,318	251,283	210,667	275,407	
Price, wholesale, scrap castings (N. Y.) — dol. per lb	.1541	.1575	.1575	.1575	.1600	.1723	.1725	.1725	.0775	.0775	.0775	.0775	.0775
Aluminum fabricated products, shipments, total — mil. of lbs	197.2	199.0	210.3	1 190.5	1 206.6	1 192.2	1 185.5	1 182.3	1 159.8	1 187.6	r 1 161.7	1 181.1	
Castings — do	46.8	46.0	42.5	40.8	42.2	40.2	40.5	36.0	27.4	35.5	32.5	35.2	
Wrought products, total — do	150.4	153.0	167.8	1 149.7	1 164.4	1 152.0	1 145.0	1 146.4	1 132.4	1 152.0	r 1 129.2	1 145.9	
Plate, sheet, and strip — do	99.7	101.6	113.1	95.6	101.0	94.7	91.8	88.6	82.7	91.5	77.5	84.3	
Brass sheets, wholesale price, mill — dol. per lb	.378	.378	.378	.378	.378	.378	.377	.373	.373	.375	.383	.383	.383
Copper:													
Production:													
Mine production, recoverable copper♂ — short tons	r 81,726	r 80,667	80,352	73,012	83,104	82,554	83,814	75,910	75,437	72,004	r 71,288	83,775	
Crude (mine or smelter, including custom intake) — short tons	90,148	91,218	86,961	81,598	91,243	90,794	96,541	87,103	82,577	73,324	74,165	r 87,896	82,913
Refined — do	101,410	109,464	110,144	101,054	112,933	103,494	113,513	105,127	93,258	79,613	74,354	104,148	103,614
Deliveries, refined, domestic — do	111,985	121,954	108,128	99,485	116,793	114,744	118,113	114,103	101,095	104,938	121,879	125,286	123,746
Stocks, refined, end of month — do	51,805	49,040	54,883	59,324	55,609	52,800	60,896	60,912	68,045	70,937	62,093	78,192	68,160
Exports, refined and manufactured — do	12,226	20,905	8,729	16,027	14,457	17,652	14,041	13,162	13,535	6,714	4,971	9,864	
Imports, total — do	39,172	54,807	45,831	44,850	36,062	43,812	46,771	48,624	46,606	58,969	46,566	41,780	
Unrefined, including scrap — do	18,664	26,912	25,866	22,005	20,952	24,047	24,892	30,602	32,391	35,935	27,551	18,150	
Refined — do	20,382	27,895	19,965	22,845	15,110	19,765	21,879	18,020	14,215	23,034	19,015	23,630	
Price, wholesale, electrolytic (N. Y.) — dol. per lb	.2420	.2420	.2420	.2420	.2420	.2420	.2420	.2420	.2420	.2420	.2420	.2420	.2420
Lead:													
Ore (lead content):													
Mine production♂ — short tons	r 35,419	r 36,397	35,481	33,870	37,096	33,587	34,005	32,681	30,491	29,872	r 27,653	33,133	
Receipts by smelters, domestic ore — do	34,069	36,099	33,965	31,977	36,040	34,618	33,198	32,244	29,920	29,280	27,755	31,806	
Refined (primary refineries):													
Production — do	50,725	48,234	48,878	43,675	50,701	44,362	44,951	39,952	44,864	31,756	30,474	34,273	36,234
Shipments (domestic) — do	58,658	49,601	51,260	49,128	50,927	42,033	40,963	40,041	44,404	40,252	31,654	31,164	37,084
Stocks, end of month — do	40,910	35,619	33,232	27,775	27,259	29,437	33,420	33,308	33,504	24,997	23,640	26,742	25,871
Price, wholesale, pig, desilverized (N. Y.) — dol. per lb	.1700	.1700	.1700	.1700	.1700	.1700	.1700	.1700	.1700	.1700	.1700	.1900	.1900
Imports, total, except mfrs. (lead content) — short tons	61,040	114,698	31,526	12,898	14,916	21,628	11,201	18,397	11,527	26,950	13,658	20,707	
Tin:													
Production, pig — long tons	3,529	3,383	3,566	3,423	3,491	3,395	3,420	2,994	2,701	2,797	2,414		
Consumption, pig — do	6,678	6,799	6,456	4,976	5,152	4,984	5,295	5,093	4,719	r 5,175	4,947		
Stocks, pig, end of month, total§ — do	2 42,697	2 40,995	2 38,840	2 37,933	2 38,159	2 36,232	2 35,446	2 32,091	2 31,855	r 2 28,393	27,614		
Government§ — do	18,554	18,618	17,786	17,753	18,151	17,753	19,906	18,105	18,944	16,091	15,789	12,629	
Industrial — do	22,931	21,931	20,728	19,352	19,676	18,244	15,435	13,917	12,749	r 12,236	11,790		
Imports:													
Ore (tin content) — do	1,618	3,789	4,545	2,927	2,753	2,204	1,334	2,924	2,663	2,430	591	4,545	
Bars, blocks, pigs, etc. — do	5,008	4,019	5,836	2,263	4,225	2,273	1,213	1,868	2,321	1,172	1,865	1,969	
Price, wholesale, Straits (N. Y.) — dol. per lb	1.3768	1.4478	1.7172	1.8268	1.4546	1.4583	1.3996	1.1805	1.0600	1.0300	1.0300	1.0300	1.0300
Zinc:													
Mine production of recoverable zinc♂ — short tons	r 55,432	r 57,493	59,651	56,878	60,670	56,467	58,233	56,473	53,379	54,403	r 50,089	60,004	
Slab zinc:													
Production — do	79,226	79,986	80,937	70,285	80,450	77,862	80,430	77,679	78,955	74,035	70,623	79,432	79,376
Shipments, total — do	79,079	80,357	79,609	69,380	80,462	74,419	77,567	79,299	83,346	74,191	64,632	73,583	77,419
Domestic — do	69,202	72,333	72,068	64,784	70,845	69,125	73,093	74,149	76,461	65,696	r 58,436	r 68,365	70,084
Stocks, end of month — do	9,255	8,884	10,212	11,117	11,105	14,548	17,411	15,791	11,400	11,244	17,235	23,084	25,041
Price, wholesale, prime Western (St. Louis) — dol. per lb	.1750	.1750	.1750	.1750	.1750	.1750	.1750	.1750	.1750	.1750	.1750	.1950	.1950
Imports, total (zinc content) — short tons	34,150	31,799	37,168	23,528	26,375	23,938	30,125	42,834	34,413	32,908	19,858	17,556	
For smelting, refining, and export — do	0	596	3,292	3,100	3,720	2,263	2,269	2,878	3,057	4,098	2,246	2,309	
For domestic consumption:													
Ore (zinc content) — do	20,665	20,001	25,312	15,603	15,292	10,925	13,599	31,723	23,773	23,606	12,406	7,233	
Blocks, pigs, etc. — do	13,485	11,202	8,564	4,825	7,363	10,750	14,257	8,233	7,583	5,204	5,206	8,014	
HEATING APPARATUS, EXCEPT ELECTRIC													
Boilers, radiators and convectors, cast iron:													
Boilers (round and square):													
Shipments — thous. of lb	25,754	17,399	21,262	19,458	19,456	12,898	10,443	12,770	11,461	18,748	r 22,129	31,080	
Stocks, end of month — do	48,483	48,763	51,520	52,712	57,400	67,150	80,306	86,777	87,101	87,007	r 82,630	r 68,552	
Radiation:													
Shipments — thous. of sq. ft	5,127	4,372	4,675	4,311	4,658	3,550	2,413	2,284	2,220	3,564	4,056	4,798	
Stocks, end of month — do	2,766	2,951	3,028	3,099	3,717	4,842	6,805	8,699	9,024	9,420	8,690	r 7,859	

r Revised. [1] Data beginning February 1951 include figures for 30 companies (which operate captive extruding departments) not previously canvassed; for February, the shipments by the additional companies increased total shipments for fabricated and wrought products 3 and 4 percent, respectively. [2] Includes small amount not distributed.

§Government stocks represent those available for industrial use.

♂Revised data for January–October 1950 are as follows (short tons): Copper—71,376; 67,188; 76,061; 73,596; 74,821; 75,170; 72,940; 80,598; 77,025; 78,175; lead—35,684; 34,716; 38,960; 36,432; 37,906; 37,439; 32,037; 35,020; 35,087; 35,730; zinc—43,808; 46,327; 51,999; 49,319; 52,166; 50,874; 48,675; 56,487; 54,858; 55,937.

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950		1951										
	November	December	January	February	March	April	May	June	July	August	September	October	November
METALS AND MANUFACTURES—Continued													
HEATING APPARATUS—Continued													
Boilers, range, shipments ... number	40,689	43,869	41,104	35,807	42,122	47,407	47,218	43,174	28,467	31,113	29,819	30,543	----
Oil burners:													
Orders, unfilled, end of month ... do	65,496	57,837	65,856	62,963	56,894	53,729	52,592	48,487	53,854	48,433	48,633	44,987	----
Shipments ... do	70,285	60,180	63,833	58,550	55,421	46,877	41,984	47,219	44,503	63,578	75,421	92,690	----
Stocks, end of month ... do	44,482	51,564	61,006	64,586	69,485	75,071	88,512	91,674	94,365	89,038	83,815	71,476	----
Stoves and ranges, domestic cooking, excl. electric:													
Shipments, total ... number	295,344	263,729	290,374	281,362	318,455	243,574	195,121	147,757	131,695	187,677	206,276	237,073	----
Coal and wood ... do	11,187	9,990	12,136	10,939	12,714	8,447	7,911	9,201	6,313	10,028	11,741	11,330	----
Gas (incl. bungalow and combination) ... do	270,613	237,001	261,793	255,112	290,989	225,879	178,490	129,107	116,952	169,224	184,815	212,653	----
Kerosene, gasoline, and fuel oil ... do	13,544	16,738	16,445	15,311	14,752	9,248	8,720	9,449	8,430	8,425	9,720	13,090	----
Stoves, domestic heating, shipments, total ... do	464,490	327,637	235,580	270,429	311,433	285,184	286,878	286,533	350,491	451,971	[r] 454,222	575,107	----
Coal and wood ... do	109,658	69,393	44,719	50,814	62,291	55,400	66,439	69,997	77,824	130,600	136,644	178,981	----
Gas ... do	243,948	171,182	112,939	128,797	159,485	164,258	131,847	141,063	158,146	168,005	[r] 177,108	240,847	----
Kerosene, gasoline, and fuel oil ... do	110,884	87,062	77,922	90,818	89,657	65,526	88,592	75,473	114,521	153,366	140,470	155,279	----
Warm-air furnaces (forced-air and gravity-air flow), shipments, total ... number	102,001	85,407	71,143	71,966	79,239	60,337	56,282	61,910	55,045	77,192	87,412	105,558	----
Gas ... do	50,336	45,666	36,398	35,969	41,180	30,033	26,897	28,232	23,500	29,780	33,329	40,863	----
Oil ... do	36,988	29,917	26,639	24,957	24,584	19,616	19,227	22,114	21,783	30,630	37,290	44,208	----
Solid fuel ... do	14,677	9,824	8,106	11,040	13,475	10,688	10,158	11,564	9,762	16,782	16,793	20,487	----
Water heaters, nonelectric, shipments ... do	257,999	250,134	266,442	254,525	265,122	235,355	200,599	163,220	127,046	153,809	160,433	181,623	----
MACHINERY AND APPARATUS													
Blowers, fans, and unit heaters, quarterly:													
Blowers and fans, new orders ... thous. of dol	----	32,524	----	----	37,055	----	----	37,314	----	----	31,461	----	----
Unit heater group, new orders ... do	----	17,667	----	----	17,112	----	----	14,583	----	----	13,570	----	----
Foundry equipment (new), new orders, net ... 1937-39=100	885.5	526.2	668.0	638.6	599.0	490.1	431.7	393.2	390.3	404.5	346.5	372.4	305.5
Furnaces, industrial, new orders:													
Electric ... thous. of dol	2,157	1,505	2,764	3,212	4,846	3,657	4,766	3,370	5,587	3,891	3,250	3,172	2,882
Fuel-fired (except for hot rolling steel) ... do	2,068	2,749	4,033	4,670	7,019	8,497	5,044	6,279	5,284	4,850	1,821	6,374	2,519
Machine tools:													
New orders ... 1945-47=100	291.9	410.1	475.4	[r] 615.5	590.3	516.1	483.0	558.8	490.6	488.9	380.2	[r] 403.9	[p] 332.6
Shipments ... do	110.9	135.7	114.3	123.8	158.9	157.7	175.1	182.8	144.7	178.9	189.8	[r] 221.3	[p] 225.7
Mechanical stokers, sales:													
Classes 1, 2, and 3 ... number	1,891	1,937	1,636	1,509	1,590	1,170	974	1,327	1,385	2,791	2,933	[r] 3,189	1,938
Classes 4 and 5:													
Number	174	176	174	163	178	177	184	234	188	234	235	[r] 289	152
Horsepower	38,343	73,142	61,953	38,095	65,561	72,575	56,624	78,390	51,795	61,305	60,504	[r] 60,610	33,707
Pumps, steam, power, centrifugal and rotary, new orders ... thous. of dol	5,961	6,720	6,477	6,480	7,654	7,583	6,371	----	----	----	----	----	----
ELECTRICAL EQUIPMENT													
Batteries (automotive replacement only), shipments ... thousands	2,536	2,172	1,873	1,390	1,113	1,790	1,400	1,366	1,614	2,118	2,055	[r] 2,498	2,119
Domestic electrical appliances, sales billed:													
Refrigerators, index ... 1936=100	228	219	275	238	330	242	183	154	118	98	115	113	----
Vacuum cleaners, standard type ... number	265,310	288,756	282,305	261,572	290,242	227,216	201,983	194,548	161,002	191,299	210,086	259,469	219,119
Washers ... do	380,000	377,000	323,957	345,994	376,458	298,797	262,734	261,648	143,436	242,975	[r] 319,475	304,131	268,645
Insulating materials and related products:													
Insulating materials, sales billed, index ... 1936=100	542	564	595	552	662	626	614	610	494	539	521	559	----
Fiber products:													
Laminated fiber products, shipments ... thous. of dol	7,266	7,574	[1] 8,102	[1] 7,552	[1] 9,279	[1] 8,911	[1] 8,583	[1] 8,626	[1] 7,136	[1] 7,230	[1] 7,389	[1] 8,032	[1] 7,513
Vulcanized fiber:													
Consumption of fiber paper ... thous. of lb	4,844	4,738	5,399	5,153	4,251	5,233	4,185	5,383	4,701	5,461	4,802	5,462	4,711
Shipments of vulcanized products ... thous. of dol	2,036	1,965	2,244	2,000	2,351	2,287	2,237	2,155	1,847	2,129	1,711	1,804	1,523
Steel conduit (rigid) and fittings, shipments ... short tons	24,489	27,561	25,055	23,389	28,590	27,464	27,891	27,749	23,890	25,017	25,941	26,680	26,409
Motors and generators, quarterly:													
New orders, index ... 1936=100	----	674	----	----	780	----	----	696	----	----	----	----	----
Polyphase induction motors, 1-200 hp: ♂													
New orders ... thous. of dol	----	55,054	----	----	64,221	----	----	56,573	----	----	44,878	----	----
Billings ... do	----	37,905	----	----	40,357	----	----	48,166	----	----	42,438	----	----
Direct current motors and generators, 1-200 hp.: ♂													
New orders ... thous. of dol	----	10,648	----	----	10,666	----	----	12,779	----	----	9,160	----	----
Billings ... do	----	5,382	----	----	6,082	----	----	7,690	----	----	5,832	----	----
PETROLEUM, COAL, AND PRODUCTS													
COAL													
Anthracite:													
Production ... thous. of short tons	3,355	3,336	4,199	3,522	2,183	2,602	3,622	3,743	2,770	3,514	3,178	[r] 4,548	3,990
Stocks in producers' storage yards, end of month ... thous. of short tons	1,416	1,268	1,068	815	740	732	747	792	877	1,005	1,145	1,161	1,055
Exports ... do	346	328	374	323	197	227	414	475	526	605	706	892	----
Prices, composite, chestnut:													
Retail ... dol. per short ton	21.90	22.06	22.14	23.24	23.48	23.35	22.50	22.82	22.96	23.22	23.32	23.55	23.66
Wholesale ... do	16.980	17.121	17.134	18.540	18.497	18.062	17.818	18.007	18.131	18.314	18.584	18.584	18.621
Bituminous:													
Production ... thous. of short tons	45,512	47,497	51,470	40,451	44,862	41,965	43,390	44,014	34,462	47,065	42,860	51,530	49,035
Industrial consumption and retail deliveries, total ... thous. of short tons	40,033	44,875	46,376	41,300	41,665	36,031	33,733	33,015	32,627	35,736	34,855	[r] 38,963	40,350
Industrial consumption, total ... do	33,270	35,596	36,095	32,150	34,345	31,185	30,554	29,445	29,157	30,802	29,507	[r] 32,471	33,235
Beehive coke ovens ... do	891	980	1,105	1,038	983	905	974	982	836	990	850	[r] 971	933
Byproduct coke ovens ... do	8,006	8,473	8,633	7,665	8,584	8,413	8,708	8,465	8,706	8,742	8,454	[r] 8,691	8,349
Cement mills ... do	749	799	745	638	702	685	695	685	699	701	688	[r] 728	781
Electric-power utilities ... do	8,451	9,024	9,286	8,300	8,714	7,583	7,664	7,728	7,743	8,625	8,288	[r] 9,236	9,382
Railways (class I) ... do	5,329	5,615	5,717	4,901	5,398	4,798	4,367	3,985	4,064	4,064	3,902	[r] 4,252	4,344
Steel and rolling mills ... do	668	795	848	765	767	671	609	568	534	579	544	[r] 625	705
Other industrial ... do	9,176	9,910	9,761	8,843	9,197	8,130	7,537	7,032	6,575	7,101	6,781	[r] 7,968	8,741
Retail deliveries ... do	6,763	9,279	10,281	9,150	7,320	4,846	3,179	3,570	3,470	4,934	5,348	6,492	7,115

[r] Revised. [p] Preliminary. [1] Data for January–August 1951 cover 14 companies and beginning September, 15 companies.

♂ The number of companies reporting is as follows: *Polyphase induction*, 4th quarter of 1950 through 1st half of 1951, 32; 3d quarter of 1951, 33; *direct current*, year 1950, 29; beginning 1951, 28.

PETROLEUM, COAL, AND PRODUCTS—Continued

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950 November	1950 December	1951 January	1951 February	1951 March	1951 April	1951 May	1951 June	1951 July	1951 August	1951 September	1951 October	1951 November
COAL—Continued													
Bituminous—Continued													
Consumption on vessels (bunker fuel) thous. of short tons	83	40	27	37	41	90	110	98	93	96	86	104	91
Stocks, industrial and retail dealers', end of month, total thous. of short tons	72,131	72,516	74,006	70,662	71,425	72,081	74,807	76,992	74,100	75,414	76,245	78,019	77,814
Industrial, total do	69,389	70,054	71,766	68,754	69,813	70,550	73,109	75,258	72,248	73,492	74,352	76,080	75,904
Byproduct coke ovens do	16,329	16,776	16,960	16,374	16,751	16,462	16,175	16,247	14,035	14,449	14,426	14,953	15,079
Cement mills do	1,361	1,369	1,418	1,318	1,243	1,232	1,266	1,333	1,316	1,339	1,353	1,420	1,508
Electric-power utilities do	27,529	27,121	27,006	25,875	26,529	27,571	29,826	31,060	31,635	32,392	33,098	34,162	34,104
Railways (class I) do	4,513	5,105	5,311	5,046	4,854	4,739	4,567	4,999	4,426	4,331	4,245	4,126	4,163
Steel and rolling mills do	1,005	1,012	1,074	1,044	1,091	1,143	1,232	1,195	1,168	1,156	1,147	1,155	1,151
Other industrial do	18,652	18,671	19,997	19,097	19,345	19,403	20,043	20,424	19,668	19,825	20,083	20,264	19,899
Retail dealers do	2,742	2,462	2,240	1,908	1,612	1,531	1,698	1,734	1,852	1,922	1,893	1,939	1,910
Exports do	2,582	1,827	2,257	2,412	3,207	4,740	5,485	5,231	4,824	6,178	6,104	6,387	----------
Prices, composite:													
Retail dol. per short ton	16.77	16.80	16.86	16.94	16.97	r 16.96	r 16.68	r 16.65	r 16.74	r 16.76	16.84	17.01	17.03
Wholesale:													
Mine run do	8.735	8.741	8.742	8.967	8.967	8.944	[1] 8.911	[1] 9.094	9.006	9.127	9.234	9.710	9.258
Prepared sizes do	9.582	9.582	9.582	9.736	9.661	9.441	9.411	[1] 9.440	9.454	9.515	9.644	9.711	9.749
COKE													
Production:													
Behive thous. of short tons	578	626	715	603	651	573	625	632	532	626	545	620	610
Byproduct do	5,666	5,981	6,077	5,399	6,042	5,911	6,122	5,943	6,104	6,152	5,923	6,114	5,868
Petroleum coke do	288	301	327	288	297	286	335	315	326	319	316	328	----------
Stocks, end of month:													
Byproduct plants, total do	1,102	1,106	1,100	1,069	1,266	1,410	1,445	1,395	1,518	1,626	1,764	1,815	1,758
At furnace plants do	752	813	905	932	1,134	1,219	1,211	1,135	1,175	1,204	1,298	1,306	1,263
At merchant plants do	351	293	195	137	132	191	233	260	343	422	466	509	495
Petroleum coke do	74	82	86	116	118	125	123	112	99	97	94	82	----------
Exports do	46	42	54	51	50	59	62	90	94	122	100	126	----------
Price, beehive, Connellsville (furnace) dol. per short ton	14.250	14.625	14.750	14.750	14.750	14.750	14.750	14.750	14.750	14.750	14.750	14.750	14.750
PETROLEUM AND PRODUCTS													
Crude petroleum:													
Wells completed number	2,211	2,008	1,917	1,518	1,895	1,769	2,074	1,975	1,896	2,307	1,975	2,014	----------
Production thous. of bbl	176,725	177,276	183,110	166,041	187,624	183,800	191,268	183,898	190,362	193,201	187,816	197,610	----------
Refinery operations percent of capacity	93	94	96	96	96	91	94	97	95	96	97	95	----------
Consumption (runs to stills) thous. of bbl	182,539	190,448	199,958	183,745	200,535	185,488	199,521	197,246	200,322	202,721	196,752	199,826	----------
Stocks, end of month:♂													
Gasoline-bearing in U. S., total do	249,525	248,463	243,107	235,247	233,824	243,180	248,418	248,170	250,847	254,276	254,900	262,266	----------
At refineries do	61,053	63,328	60,377	56,260	58,671	63,366	65,365	65,536	67,046	65,501	64,916	65,388	----------
At tank farms and in pipelines do	171,343	167,941	164,555	161,556	157,710	162,444	165,500	164,934	166,077	171,074	171,730	179,173	----------
On leases do	17,129	17,194	18,175	17,431	17,443	17,370	17,553	17,700	17,724	17,701	18,254	17,705	----------
Exports do	3,229	2,917	2,913	2,471	2,640	3,615	1,791	2,342	2,320	2,361	2,199	1,947	----------
Imports do	13,269	15,185	16,192	12,772	14,144	15,081	16,019	16,547	17,612	15,297	14,276	14,473	----------
Price (Oklahoma-Kansas) at wells dol. per bbl	2.570	2.570	2.570	2.570	2.570	2.570	2.570	2.570	2.570	2.570	2.570	2.570	2.570
Refined petroleum products:													
Fuel oil:													
Production:													
Distillate fuel oil thous. of bbl	36,530	41,628	44,244	39,742	41,129	35,139	37,500	37,614	38,067	38,335	38,453	40,159	----------
Residual fuel oil do	37,202	40,475	42,397	38,696	41,771	36,908	39,202	38,303	39,516	37,993	36,843	37,944	----------
Domestic demand:													
Distillate fuel oil do	35,411	55,343	57,331	50,085	45,046	32,185	25,519	24,132	24,277	27,185	27,271	31,655	----------
Residual fuel oil do	47,977	56,198	56,223	51,101	53,568	46,841	44,104	42,153	39,400	40,454	39,547	45,016	----------
Consumption by type of consumer:													
Electric-power plants do	6,194	6,281	6,417	5,573	5,527	4,811	4,508	4,544	4,375	5,038	5,072	5,440	5,949
Railways (class I) do	4,247	4,207	4,204	3,594	4,251	3,889	3,658	3,415	3,338	3,517	3,218	3,486	----------
Vessels (bunker oil) do	4,545	5,125	4,664	5,008	5,846	6,753	6,663	6,177	5,790	6,750	6,250	6,491	6,331
Stocks, end of month:													
Distillate fuel oil do	86,113	71,948	58,424	47,587	42,978	44,736	55,273	67,839	79,437	87,432	96,241	102,561	----------
Residual fuel oil do	45,048	40,750	40,317	39,409	37,516	36,910	39,317	41,566	45,163	47,243	48,212	48,415	----------
Exports:													
Distillate fuel oil do	935	801	660	643	773	1,361	1,884	1,149	2,280	3,203	2,554	2,410	----------
Residual fuel oil do	1,071	1,326	663	644	1,077	982	2,679	2,471	3,179	3,005	2,962	2,553	----------
Prices, wholesale:													
Distillate (New York Harbor, No. 2 fuel) dol. per gal	.091	.091	.091	.091	.091	.091	.091	.091	.091	.091	.091	.091	.091
Residual (Okla., No. 6 fuel) dol. per bbl	1.650	1.700	1.750	1.750	1.750	1.750	1.750	1.750	1.750	1.750	1.750	1.690	1.650
Kerosene:													
Production thous. of bbl	10,255	11,261	12,715	11,475	12,371	11,511	10,698	9,815	10,220	10,506	10,915	11,262	----------
Domestic demand do	12,737	16,817	15,633	14,789	11,788	8,678	5,877	5,494	6,490	6,455	6,640	10,171	----------
Stocks, end of month do	25,526	19,723	16,673	13,150	13,657	16,262	20,331	24,169	27,277	30,241	33,106	33,382	----------
Exports do	205	214	46	125	40	185	667	388	592	1,000	1,326	756	----------
Price, wholesale, bulk lots (New York Harbor) dol. per gal	.101	.101	.101	.101	.101	.101	.101	.101	.101	.101	.101	.101	.101
Lubricants:													
Production thous. of bbl	4,906	5,068	5,061	4,339	5,108	5,175	5,454	5,094	5,241	5,379	4,905	5,432	----------
Domestic demand do	3,322	3,012	3,539	3,115	3,691	3,550	3,850	3,632	3,348	3,592	3,313	4,090	----------
Stocks, refinery, end of month do	7,283	7,849	8,160	8,386	8,209	8,393	8,451	8,444	8,662	8,875	8,866	8,914	----------
Exports⊙ do	1,222	1,402	1,157	934	1,533	1,377	1,477	1,387	1,593	1,499	1,525	1,236	----------
Price, wholesale, bright stock (midcontinent, f. o. b. Tulsa) dol. per gal	.270	.282	.290	.290	.290	.290	.290	.290	.290	.290	.290	.290	.290

r Revised. [1] The comparability of the data is slightly affected in May and June 1951 by substitutions in the reporting companies. Prices on new basis: Mine run—April 1951, $8.931; May 1951, $9.088; prepared sizes, May 1951, $9.414.

♂ Includes stocks of heavy crude in California.

⊙ Excludes "special category" exports not shown separately for security reasons.

PETROLEUM, COAL, AND PRODUCTS—Continued

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950 November	1950 December	1951 January	1951 February	1951 March	1951 April	1951 May	1951 June	1951 July	1951 August	1951 September	1951 October	1951 November
PETROLEUM AND PRODUCTS—Continued													
Refined petroleum products—Continued													
Motor fuel:													
All types:													
Production, total......thous. of bbl..	87,322	90,945	94,132	83,752	93,378	87,319	96,811	96,154	98,643	98,799	96,115	98,510	----------
Gasoline and naphtha from crude petroleum......thous. of bbl..	76,808	80,229	83,773	74,335	82,140	76,826	85,691	85,417	87,851	87,875	85,004	86,942	----------
Natural gasoline and allied products..do....	16,256	17,241	17,314	15,631	17,780	16,708	16,646	15,932	16,367	16,977	17,069	18,167	----------
Sales of l. p. g. for fuel, etc., and transfers of cycle products......thous. of bbl..	5,742	6,525	6,955	6,214	6,542	6,215	5,526	5,195	5,575	6,053	5,958	6,599	----------
Used at refineries......do....	8,968	9,011	8,045	7,028	7,997	7,803	8,274	7,586	7,982	8,658	8,804	9,318	----------
Domestic demand......do....	82,718	81,063	80,554	72,717	86,846	87,430	100,188	96,093	100,476	101,206	91,803	99,945	----------
Stocks, gasoline, end of month:													
Finished gasoline, total......do....	100,995	108,669	120,473	129,537	133,465	130,501	123,830	119,769	113,734	106,704	106,547	101,837	----------
At refineries......do....	57,934	64,276	76,160	84,250	85,096	79,357	73,652	70,363	67,250	61,120	58,364	56,984	----------
Unfinished gasoline......do....	8,010	8,100	8,006	7,706	7,991	8,687	8,431	7,826	7,748	7,742	7,600	6,963	----------
Natural gasoline and allied products..do....	7,636	7,355	7,474	7,842	8,109	8,522	9,079	10,043	10,065	9,883	9,578	9,003	----------
Exports♂......do....	1,486	2,109	1,132	1,097	1,945	1,976	2,239	2,520	r 3,438	4,103	4,027	3,542	----------
Prices, gasoline:													
Wholesale, refinery (Oklahoma) group 3 dol. per gal..	.104	.101	.104	.104	.104	.104	.104	.104	.104	.104	.104	.104	.104
Wholesale, tank wagon (N. Y.)......do....	.147	.147	.147	.147	.147	.147	.147	.147	.147	.147	.147	.147	.147
Retail, service stations, 50 cities......do....	.202	.207	.206	.206	.205	.203	.200	.201	.202	.202	.201	.203	.203
Aviation gasoline:													
Production, total......thous. of bbl..	5,468	5,909	5,789	5,010	6,113	5,523	6,265	5,765	5,931	6,390	5,950	6,487	----------
100-octane and above......do....	4,198	4,883	4,091	4,144	5,017	4,464	4,900	4,426	4,663	5,159	4,853	4,792	----------
Stocks, total......do....	7,215	7,220	7,813	8,255	8,566	8,590	8,595	8,305	8,005	7,564	7,915	7,726	----------
100-octane and above......do....	3,802	3,744	3,518	3,837	4,048	4,053	4,006	3,817	3,844	3,925	4,369	3,895	----------
Asphalt:													
Production......short tons..	875,500	717,100	681,500	643,300	806,500	915,600	1,123,600	1,205,600	1,286,700	1,363,600	1,247,100	1,225,300	----------
Stocks, refinery, end of month......do....	785,500	962,400	1,108,000	1,282,700	1,468,000	1,572,500	1,546,900	1,459,300	1,296,500	1,064,200	947,800	814,400	----------
Wax:													
Production......thous. of lb..	120,120	122,080	124,600	108,640	122,640	122,360	131,320	113,680	110,320	115,920	104,440	100,520	----------
Stocks, refinery, end of month......do....	135,800	141,120	144,760	139,440	140,840	152,600	162,400	168,280	179,200	188,440	197,680	193,200	----------
Asphalt products, shipments:													
Asphalt roofing, total......thous. of squares..	6,306	5,262	5,259	4,354	5,357	4,795	4,900	4,594	4,800	5,793	5,461	6,485	4,104
Roll roofing and cap sheet:													
Smooth-surfaced......do....	1,559	1,410	1,352	1,148	1,290	1,052	1,038	961	991	1,320	1,182	1,478	1,031
Mineral-surfaced......do....	1,466	1,168	1,241	996	1,203	1,016	1,034	1,025	1,128	1,355	1,348	1,595	1,079
Shingles, all types......do....	3,282	2,684	2,666	2,210	2,864	2,727	2,828	2,608	2,682	3,118	2,931	3,412	1,994
Asphalt sidings......do....	213	171	202	170	193	139	147	124	130	172	182	262	190
Saturated felts......short tons..	59,335	56,481	71,675	61,158	71,673	64,999	67,044	51,134	42,093	49,892	47,287	59,304	44,726

PULP, PAPER, AND PRINTING

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950 November	1950 December	1951 January	1951 February	1951 March	1951 April	1951 May	1951 June	1951 July	1951 August	1951 September	1951 October	1951 November
PULPWOOD AND WASTE PAPER													
Pulpwood:													
Receipts......thous. of cords (128 cu. ft.)..	2,113	2,121	2,487	2,169	2,339	1,968	2,214	2,383	2,309	2,720	2,288	r 2,503	2,173
Consumption......do....	2,108	2,014	2,149	1,985	2,257	2,224	2,339	2,258	2,104	2,293	2,124	r 2,366	2,308
Stocks, end of month......do....	3,704	3,815	4,155	4,336	4,419	4,179	4,050	4,180	4,388	4,819	4,980	r 5,118	4,977
Waste paper:													
Receipts......short tons..	751,411	740,953	818,506	824,075	904,918	878,247	882,722	847,003	722,774	778,627	676,423	r 725,043	643,787
Consumption......do....	752,065	715,429	797,339	840,384	870,516	850,183	890,776	824,615	667,582	757,434	663,649	r 724,715	640,185
Stocks, end of month......do....	362,549	386,552	412,699	416,826	450,186	479,554	469,658	490,788	547,347	562,352	576,931	r 572,481	577,966
WOOD PULP													
Production:													
Total, all grades......thous. of short tons..	1,326	1,252	1,349	1,238	1,402	1,414	1,484	1,400	1,329	1,438	1,317	1,470	1,416
Bleached sulphate......short tons..	168,086	162,222	183,559	163,912	188,992	192,303	198,043	188,582	177,229	198,499	171,930	198,261	197,862
Unbleached sulphate......do....	511,043	467,746	526,488	490,986	551,605	540,138	567,270	538,139	522,335	550,868	505,980	r 570,792	548,267
Bleached sulphite......do....	187,622	169,696	195,541	177,141	197,986	193,598	204,644	191,077	182,262	206,044	186,638	209,922	205,199
Unbleached sulphite......do....	68,734	68,152	67,698	60,351	66,461	68,017	65,900	63,253	58,586	61,287	61,177	68,807	61,293
Soda......do....	36,731	34,931	38,821	35,545	38,611	38,122	40,607	34,908	29,921	38,777	36,941	39,939	37,957
Groundwood......do....	199,068	197,756	215,190	195,426	215,998	209,937	222,535	210,681	197,911	208,437	194,055	214,370	203,925
Defibrated, exploded, etc......do....	86,249	84,495	52,000	50,000	67,000	98,000	106,000	101,000	94,500	98,302	88,000	85,319	83,192
Stocks, own pulp at pulp mills, end of month:													
Total, all grades......short tons..	87,929	81,974	90,397	94,466	94,753	100,406	102,953	110,894	111,130	105,430	110,011	r 106,227	102,685
Bleached sulphate......do....	14,424	10,162	10,515	12,255	13,787	13,112	12,994	15,363	11,830	11,920	14,244	13,650	14,093
Unbleached sulphate......do....	9,659	9,708	9,441	8,871	7,500	9,499	10,171	12,911	13,685	12,542	12,525	r 12,871	12,402
Bleached sulphite......do....	18,547	13,534	20,309	21,760	20,129	21,632	24,583	26,138	27,997	26,187	27,160	26,290	23,293
Unbleached sulphite......do....	12,854	12,525	12,354	11,502	11,799	13,144	11,158	10,990	12,210	11,579	13,054	13,012	11,403
Soda......do....	683	1,040	597	648	1,039	862	571	1,088	987	803	1,088	1,129	1,927
Groundwood......do....	29,842	33,043	35,161	37,282	38,261	39,953	40,487	40,841	40,852	38,601	37,954	34,432	34,912
Exports, all grades, total......do....	8,882	18,888	14,761	14,909	11,520	19,048	24,282	19,489	10,711	12,007	12,794	11,046	----------
Imports, all grades, total......do....	208,867	204,658	220,197	207,110	199,584	180,732	229,284	232,277	211,265	189,442	164,369	196,764	----------
Bleached sulphate......do....	35,204	35,783	31,806	53,919	36,395	41,549	50,949	53,961	47,001	45,102	38,699	47,668	----------
Unbleached sulphate......do....	28,388	36,472	40,309	34,478	27,134	22,080	38,367	36,683	31,179	21,664	23,749	22,060	----------
Bleached sulphite......do....	59,107	57,207	54,873	47,852	52,128	46,365	52,756	49,634	48,252	46,465	42,531	51,003	----------
Unbleached sulphite......do....	52,720	43,220	55,385	44,898	47,625	40,383	52,363	57,787	53,221	47,888	36,072	44,078	----------
Soda......do....	2,936	2,614	3,114	2,357	3,025	3,007	2,995	2,717	2,625	2,988	2,489	2,859	----------
Groundwood......do....	29,675	28,673	33,767	22,717	32,183	26,451	30,679	29,489	27,199	24,715	19,450	27,761	----------
PAPER AND PAPER PRODUCTS													
All paper and paperboard mills:													
Paper and paperboard production, total thous. of short tons..	2,193	2,096	2,252	2,101	2,372	2,319	2,406	2,283	1,996	2,207	2,018	r 2,220	2,048
Paper (incl. building paper)......do....	1,061	1,037	1,098	1,023	1,146	1,101	1,148	1,105	974	1,106	1,043	r 1,166	1,088
Paperboard......do....	1,015	946	1,063	985	1,114	1,091	1,126	1,055	903	989	873	939	856
Building board......do....	118	113	92	92	113	127	132	123	119	113	103	115	104

r Revised. ♂Excludes "special category" exports not shown separately for security reasons.

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950 November	1950 December	1951 January	1951 February	1951 March	1951 April	1951 May	1951 June	1951 July	1951 August	1951 September	1951 October	1951 November
PULP, PAPER, AND PRINTING—Continued													
PAPER AND PAPER PRODUCTS—Con.													
Paper, excl. building paper, newsprint, and paperboard (American Paper and Pulp Association):													
Orders, new......short tons..	815,448	821,664	937,879	821,801	964,941	905,445	886,155	882,150	812,496	854,043	834,911	941,000	864,000
Orders, unfilled, end of month......do....	877,359	858,760	932,405	884,769	984,495	1,013,760	988,500	984,305	1,025,263	983,823	971,280	958,800	920,200
Production......do....	847,408	825,242	871,450	821,858	917,112	875,512	909,757	885,285	783,778	894,740	852,577	957,000	930,000
Shipments......do....	852,096	840,249	862,728	817,717	916,683	877,033	901,561	886,429	770,991	895,659	846,505	953,000	920,000
Stocks, end of month......do....	300,855	285,368	295,545	292,998	293,423	293,832	301,420	300,270	312,183	311,254	316,964	315,875	335,644
Fine paper:													
Orders, new......do....	102,770	102,340	118,960	103,864	110,114	119,245	106,722	113,525	108,242	104,721	108,356	123,000	97,000
Orders, unfilled, end of month......do....	138,575	131,785	139,145	146,200	140,035	147,000	137,190	130,810	145,100	133,205	130,820	127,800	113,900
Production......do....	110,119	104,131	111,113	99,753	115,661	113,501	117,785	117,902	95,741	116,506	110,829	128,000	117,000
Shipments......do....	112,035	109,129	111,600	96,800	116,276	112,245	117,570	119,902	98,572	116,652	110,738	126,000	116,000
Stocks, end of month......do....	66,760	61,783	61,295	64,245	63,630	64,885	64,470	62,470	63,605	63,459	63,550	60,500	67,565
Printing paper:													
Orders, new......do....	284,615	288,546	338,465	279,128	351,015	311,555	307,316	298,390	268,285	290,115	278,225	318,000	275,000
Orders, unfilled, end of month......do....	395,050	393,160	436,520	384,199	475,400	489,770	482,155	496,190	510,150	494,705	484,290	481,000	465,000
Production......do....	290,561	287,910	299,097	281,526	312,477	296,203	306,518	285,183	254,382	304,666	286,831	322,000	304,000
Shipments......do....	296,460	290,427	295,103	281,062	310,190	297,185	304,555	284,352	254,294	305,590	288,640	321,000	304,000
Stocks, end of month......do....	107,860	105,230	109,225	109,689	111,975	110,990	112,930	113,760	113,845	112,920	111,110	112,100	114,915
Price, wholesale, book paper, "B" grade, English finish, white, f. o. b. mill..dol. per 100 lb...	12.15	12.53	12.65	12.65	12.65	12.65	12.65	12.65	12.65	13.15	13.15	13.15	13.15
Coarse paper:													
Orders, new......short tons..	281,340	277,572	302,740	274,607	315,065	291,940	295,860	297,480	277,783	302,539	294,629	328,000	323,000
Orders, unfilled, end of month......do....	224,050	215,870	229,830	227,800	234,820	239,175	236,325	228,315	235,118	233,895	236,170	233,000	230,000
Production......do....	292,380	279,967	293,119	275,284	306,009	285,683	302,948	305,938	277,523	303,033	296,811	330,000	330,000
Shipments......do....	288,472	285,750	288,775	276,635	308,044	287,582	298,287	305,490	270,980	303,762	292,354	331,000	325,000
Stocks, end of month......do....	80,115	74,240	78,585	77,233	75,198	73,295	78,005	78,450	84,993	84,265	88,720	87,700	92,419
Newsprint:													
Canada (incl. Newfoundland):													
Production......do....	456,743	430,551	453,019	425,097	472,963	447,551	485,723	464,332	452,455	484,563	431,082	492,475	471,732
Shipments from mills......do....	477,708	448,775	423,343	400,833	473,503	443,288	486,340	475,034	442,966	480,581	427,738	497,410	491,020
Stocks, at mills, end of month......do....	107,366	89,142	118,818	143,082	142,542	146,805	146,188	135,486	144,975	148,957	152,301	147,366	128,078
United States:													
Consumption by publishers......do....	407,943	398,309	345,552	336,568	394,387	410,723	403,233	365,324	333,440	344,470	381,437	405,277	402,829
Production......do....	87,980	85,355	92,691	84,381	94,015	88,888	96,420	94,073	88,441	96,059	87,036	96,173	91,835
Shipments from mills......do....	85,141	87,776	92,991	84,896	92,630	90,740	93,422	97,016	86,835	94,488	88,795	93,625	95,289
Stocks, end of month:													
At mills......do....	10,662	8,241	7,941	7,426	8,811	6,959	9,957	7,014	8,620	10,191	8,432	10,980	7,526
At publishers......do....	334,783	328,018	346,258	331,440	349,308	322,750	332,601	358,294	393,718	467,052	439,547	434,841	436,244
In transit to publishers......do....	98,499	96,942	93,866	111,019	95,893	95,340	86,522	94,331	106,727	77,646	87,037	100,292	107,144
Imports......do....	385,659	418,044	399,333	333,867	447,243	396,897	439,586	426,291	417,120	442,100	358,866	458,514	....
Price, rolls (New York)....dol. per short ton..	106.00	106.00	106.00	106.00	106.00	106.00	106.00	106.00	116.00	116.00	116.00	116.00	116.00
Paperboard (National Paperboard Association):													
Orders, new......short tons..	1,019,900	876,700	1,177,200	987,900	1,119,300	1,019,300	1,112,100	962,700	933,000	932,200	856,000	961,900	804,500
Orders, unfilled, end of month......do....	722,000	617,200	761,800	758,600	704,900	646,900	658,700	548,000	537,600	470,800	458,200	487,800	365,400
Production, total......do....	1,012,700	940,500	1,056,600	975,100	1,107,300	1,049,100	1,128,200	1,058,500	890,000	1,002,200	852,500	951,700	866,300
Percent of activity......	101	95	102	105	104	105	104	103	84	94	86	87	82
Paper products:													
Shipping containers, corrugated and solid fiber, shipments......mil. sq. ft. surface area..	7,289	7,105	7,577	6,618	7,965	7,315	7,288	6,410	5,238	5,896	5,484	6,027	5,367
Folding paper boxes, value:													
New orders......1936=100..	710.7	690.5	904.1	875.6	879.4	737.7	699.3	613.3	588.1	608.7	470.8	607.6	549.4
Shipments......do....	666.1	668.6	738.9	725.8	851.9	778.4	815.4	755.5	599.3	704.7	631.1	748.9	652.8
PRINTING													
Book publication, total......number of editions..	1,028	1,157	776	793	1,130	878	969	1,145	751	638	940	980	1,172
New books......do....	811	915	601	613	861	678	759	879	549	466	743	781	963
New editions......do....	217	242	175	180	269	200	210	266	202	172	197	199	209

RUBBER AND RUBBER PRODUCTS

	1950 November	1950 December	1951 January	1951 February	1951 March	1951 April	1951 May	1951 June	1951 July	1951 August	1951 September	1951 October	1951 November
RUBBER													
Natural rubber:													
Consumption......long tons..	51,340	44,999	44,586	37,572	35,335	39,508	42,445	39,998	35,478	36,506	36,887	r 37,407	35,156
Stocks, end of month......do....	81,658	89,215	93,079	87,242	76,312	71,679	68,498	68,369	67,816	67,491	56,941	r 63,501	63,940
Imports, including latex and guayule......do....	73,461	69,261	92,469	55,263	63,147	60,912	42,371	56,619	73,285	70,893	61,230	55,110	....
Price, wholesale, smoked sheets (New York) dol. per lb..	.732	.714	.735	.734	.722	.675	.660	.660	.520	.520	.520	.520	.520
Chemical (synthetic):													
Production......long tons..	48,417	52,199	60,952	56,415	65,286	66,414	70,541	74,188	76,250	74,951	70,870	79,285	73,045
Consumption......do....	48,261	53,364	59,584	53,308	65,587	58,787	65,027	64,718	61,419	67,260	68,460	r 68,923	66,440
Stocks, end of month......do....	51,636	52,758	55,453	59,035	60,614	65,793	70,276	78,154	89,527	96,382	99,889	r 109,407	119,156
Exports......do....	581	749	577	620	533	585	617	573	968	777	1,008	550	....
Reclaimed rubber:													
Production......do....	30,171	32,480	32,924	30,402	35,094	34,293	35,051	33,509	29,999	29,035	26,885	r 29,211	25,401
Consumption......do....	30,260	29,905	32,455	28,792	32,678	32,428	34,148	30,999	25,500	28,598	26,226	r 27,744	25,002
Stocks, end of month......do....	33,960	35,708	35,843	36,885	38,334	39,064	39,098	40,268	44,347	43,900	43,095	r 44,367	44,933
TIRES AND TUBES													
Pneumatic casings:													
Production......thousands..	7,521	6,819	6,764	5,887	6,693	6,540	7,116	7,222	6,734	7,549	7,429	7,746	7,350
Shipments, total......do....	7,494	7,562	6,961	6,174	7,235	6,255	6,730	7,185	6,602	7,163	6,657	7,050	6,081
Original equipment......do....	3,214	3,245	3,035	3,002	3,620	2,755	2,692	2,603	2,361	2,813	2,519	2,553	2,392
Replacement equipment......do....	4,130	4,188	3,812	3,058	3,493	3,412	3,911	4,439	4,126	4,230	3,967	4,315	3,501
Export......do....	150	129	114	114	123	88	127	143	115	120	171	181	188
Stocks, end of month......do....	4,810	3,794	3,552	3,307	2,804	3,047	3,442	3,512	3,586	4,033	4,767	5,514	6,888
Exports⊙......do....	152	116	99	79	120	106	88	118	108	126	147	129	....
Inner tubes:													
Production......do....	6,629	6,035	5,950	5,144	5,828	5,566	5,625	5,381	1 5,178	1 6,139	1 5,694	1 6,277	1 5,381
Shipments......do....	6,099	6,379	6,595	5,910	6,593	5,593	5,585	5,500	1 5,072	1 5,761	1 5,069	1 5,615	1 4,812
Stocks, end of month......do....	6,963	6,725	5,852	5,154	4,595	4,657	5,071	5,311	1 5,685	1 6,272	1 6,834	1 7,471	1 8,378
Exports......do....	102	77	56	36	58	63	52	63	57	88	101	94	....

r Revised. 1 Includes data for motorcycles. ⊙Excludes "special category" exports not shown separately for security reasons.

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950		1951										
	November	December	January	February	March	April	May	June	July	August	September	October	November

STONE, CLAY, AND GLASS PRODUCTS

	Nov. 1950	Dec. 1950	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
ABRASIVE PRODUCTS													
Coated abrasive paper and cloth, shipments..reams..	177,371	155,823	189,440	184,326	206,940	179,507	191,138	162,002	161,093	174,180	171,584	195,139	---------
PORTLAND CEMENT													
Production.....thous. of bbl..	20,226	19,116	17,434	15,201	18,708	20,184	21,924	21,984	22,439	22,513	22,269	22,797	20,736
Percent of capacity	95	87	79	76	82	91	96	99	98	98	100	99	93
Shipments.....thous. of bbl..	19,791	12,477	12,237	11,294	17,692	20,953	24,892	24,935	24,266	25,852	23,256	26,140	18,001
Stocks, finished, end of month.....do....	6,382	13,018	18,222	22,127	23,139	22,364	19,393	16,439	14,615	r 11,282	10,287	r 6,945	9,680
Stocks, clinker, end of month.....do....	2,962	3,925	5,473	7,097	8,068	8,194	7,482	6,682	5,601	4,851	4,138	r 3,544	3,891
CLAY PRODUCTS													
Brick, unglazed:													
Production.....thous. of standard brick..	606,726	499,694	480,607	422,134	534,077	553,468	605,304	600,516	571,338	603,781	538,774	591,281	---------
Shipments.....do....	590,905	450,800	470,730	408,766	550,274	552,881	599,905	577,686	540,545	571,081	516,533	578,080	---------
Price, wholesale, common, composite, f. o. b. plant.....dol. per thous..	26.057	26.378	26.549	26.589	26.602	26.588	26.591	26.604	26.604	26.642	26.662	26.651	26.650
Clay sewer pipe, vitrified:													
Production.....short tons..	131,668	127,951	137,211	122,046	139,653	142,356	144,666	138,922	137,727	151,181	137,430	158,121	---------
Shipments.....do....	129,489	114,439	124,503	96,487	125,328	134,777	141,774	137,142	141,255	150,323	135,057	154,034	---------
Structural tile, unglazed:													
Production.....do....	105,879	95,265	108,816	98,593	110,146	105,268	106,045	104,547	101,903	103,493	93,164	101,922	---------
Shipments.....do....	104,304	85,471	103,293	89,645	108,738	108,653	108,866	105,045	100,040	101,782	94,063	100,142	---------
GLASS PRODUCTS													
Glass containers:													
Production.....thous. of gross..	9,451	9,321	10,279	9,201	10,987	11,075	10,849	10,489	10,355	10,575	9,134	9,341	7,804
Shipments, domestic, total.....do....	8,104	9,153	9,499	8,563	10,250	9,583	10,390	9,847	9,372	10,543	9,397	8,948	7,714
General-use food:													
Narrow-neck food.....do....	669	786	835	931	1,116	1,067	999	908	738	1,125	1,432	1,072	632
Wide-mouth food (incl. packers' tumblers, jelly glasses, and fruit jars)..thous. of gross..	2,145	2,272	2,410	2,129	2,472	2,332	2,666	2,410	2,416	2,782	2,281	2,426	2,122
Beverage (returnable and nonreturnable) thous. of gross..	325	654	457	345	447	617	803	969	858	602	332	297	319
Beer bottles.....do....	459	532	450	541	978	1,190	1,468	1,786	1,848	2,279	1,344	746	840
Liquor and wine.....do....	1,257	1,317	1,543	1,425	1,302	931	880	730	746	805	1,171	1,328	1,097
Medicinal and toilet.....do....	2,235	2,397	2,637	2,183	2,740	2,389	2,426	1,965	1,805	1,901	1,782	1,985	1,810
Chemical, household and industrial.....do....	687	791	844	724	883	823	878	823	695	722	717	782	634
Dairy products.....do....	327	404	324	285	313	235	271	255	266	326	338	312	260
Stocks, end of month.....do....	7,079	6,776	7,240	7,631	8,091	9,293	9,426	9,714	10,375	10,102	9,839	9,884	9,710
Other glassware, machine-made:													
Tumblers:													
Production.....thous. of dozens..	5,876	5,702	6,959	6,506	7,570	7,534	7,292	6,384	5,560	5,807	4,656	4,966	3,889
Shipments.....do....	6,107	5,253	6,831	6,132	7,156	6,851	6,760	5,737	5,733	5,331	4,387	5,414	4,645
Stocks.....do....	9,593	9,887	9,602	9,940	10,340	10,933	11,381	11,974	11,769	12,256	12,556	11,978	11,228
Table, kitchen, and householdware, shipments thous. of dozens..	3,313	3,218	3,667	3,364	3,998	3,439	3,408	2,682	2,766	3,506	2,892	3,459	3,368
GYPSUM AND PRODUCTS													
Crude gypsum, quarterly total:													
Imports.....thous. of short tons..	---------	967	---------	---------	613	---------	---------	664	---------	---------	1,171	---------	---------
Production.....do....	---------	2,355	---------	---------	2,102	---------	---------	2,305	---------	---------	2,271	---------	---------
Calcined, production, quarterly total.....do....	---------	1,950	---------	---------	1,838	---------	---------	1,981	---------	---------	1,977	---------	---------
Gypsum products sold or used, quarterly total:													
Uncalcined.....short tons..	---------	626,833	---------	---------	660,470	---------	---------	656,070	---------	---------	697,477	---------	---------
Calcined:													
For building uses:													
Base-coat plasters.....do....	---------	595,988	---------	---------	512,238	---------	---------	591,646	---------	---------	592,558	---------	---------
Keene's cement.....do....	---------	15,200	---------	---------	14,328	---------	---------	15,053	---------	---------	13,711	---------	---------
All other building plasters.....do....	---------	147,409	---------	---------	137,878	---------	---------	154,610	---------	---------	169,219	---------	---------
Lath.....thous. of sq. ft..	---------	754,849	---------	---------	710,197	---------	---------	745,224	---------	---------	704,333	---------	---------
Tile.....do....	---------	12,012	---------	---------	10,002	---------	---------	10,710	---------	---------	9,386	---------	---------
Wallboard♂.....do....	---------	807,734	---------	---------	849,933	---------	---------	877,894	---------	---------	855,222	---------	---------
Industrial plasters.....short tons..	---------	74,208	---------	---------	76,976	---------	---------	71,181	---------	---------	68,612	---------	---------

TEXTILE PRODUCTS

	Nov. 1950	Dec. 1950	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
CLOTHING													
Hosiery:													
Production.....thous. of dozen pairs..	15,000	12,817	14,971	14,337	14,736	13,149	12,925	12,205	9,198	12,597	11,804	13,558	12,401
Shipments.....do....	14,796	11,842	14,637	14,601	14,621	11,905	10,985	11,446	9,098	12,847	12,474	14,302	13,748
Stocks, end of month.....do....	23,774	25,456	25,934	25,633	25,780	27,048	29,008	30,208	30,308	30,058	29,388	28,643	27,297
COTTON													
Cotton (exclusive of linters):													
Production:													
Ginnings§.....thous. of running bales..	8,785	9,178	9,688	---------	[1] 9,908	---------	---------	---------	224	2,014	5,468	10,022	[2] 13,554
Crop estimate, equivalent 500-lb. bales thous. of bales..	---------	---------	---------	---------	[1] 10,012	---------	---------	---------	---------	---------	---------	---------	[3] 15,290
Consumption¶.....bales..	1,012,642	784,636	1,047,275	898,991	903,041	985,227	832,561	817,154	768,072	754,119	722,004	905,062	730,817
Stocks in the United States, end of month, total¶.....thous. of bales..	11,313	10,087	8,937	7,710	6,459	5,013	3,827	2,907	2,179	18,026	16,634	14,004	12,128
Domestic cotton, total.....do....	11,258	10,030	8,894	7,622	6,347	4,911	3,708	2,797	2,064	17,918	16,531	13,908	12,037
On farms and in transit.....do....	2,485	1,425	1,048	739	474	232	101	70	134	15,480	12,243	7,198	4,754
Public storage and compresses.....do....	6,984	6,651	5,626	4,603	3,560	2,406	1,586	1,031	618	1,438	3,289	5,514	5,886
Consuming establishments.....do....	1,789	1,955	2,220	2,281	2,313	2,274	2,021	1,696	1,312	1,000	999	1,196	1,397
Foreign cotton, total.....do....	54	57	44	88	112	102	118	110	115	108	103	96	92

r Revised. [1] Total ginnings of 1950 crop. [2] Ginnings to December 13. [3] December 1 estimate of 1951 crop.
♂Includes laminated board, reported as component board. § Total ginnings to end of month indicated.
¶Data for November 1950 and January, April, July, and October 1951 cover 5-week periods and for other months, 4 weeks; stock data are for end of period covered.

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950		1951										
	November	December	January	February	March	April	May	June	July	August	September	October	November

TEXTILE PRODUCTS—Continued

	Nov. 1950	Dec. 1950	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
COTTON—Continued													
Cotton (exclusive of linters)—Continued													
Exports ... bales	371,870	448,561	316,626	428,599	354,302	480,085	371,417	204,006	129,144	145,758	356,209	583,927	
Imports ... do	9,118	6,407	2,342	93,800	3,114	9,740	16,102	18,412	7,529	3,679	2,320	5,722	
Prices received by farmers ... cents per lb	41.1	40.4	41.3	41.8	42.7	43.2	42.5	42.0	39.1	34.6	33.7	36.2	41.0
Prices, wholesale, middling, 15/16", average, 10 markets ... cents per lb	42.2	42.6	44.2	(1)	45.1	45.2	45.2	45.2	40.1	35.0	35.1	36.9	41.5
Cotton linters:¶													
Consumption ... thous. of bales	r 119	110	116	110	125	111	115	96	90	88	114	136	131
Production ... do	189	145	151	105	77	52	36	31	21	64	175	r 267	246
Stocks, end of month ... do	r 464	518	542	542	517	468	398	327	260	231	272	r 367	459
COTTON MANUFACTURES													
Cotton cloth:													
Cotton broad-woven goods over 12 inches in width, production, quarterly♂ ... mil. of linear yards		r 2,685			2,842			2,651			2,277		
Exports ... thous. of sq. yd	45,389	53,256	57,472	57,643	79,574	73,942	72,409	73,786	63,092	63,850	65,408	53,745	
Imports ... do	4,608	3,597	4,948	10,223	7,486	3,950	4,807	2,614	2,497	1,935	2,174	1,600	
Prices, wholesale:													
Mill margins ... cents per lb	48.39	50.21	50.12	(1)	49.80	45.60	42.57	39.77	38.77	37.62	33.88	31.20	28.72
Denim, 28-inch ... cents per yd	37.8	38.3	38.3	38.3	(1)	(1)	39.4	41.0	39.9	36.3	35.6	35.6	36.1
Print cloth, 38½-inch, 64 x 60 ... do	21.9	22.5	22.9	23.0	23.0	20.6	19.4	19.0	16.3	15.1	15.1	15.1	15.8
Sheeting, unbleached, 36-inch, 56 x 60 ... do	24.8	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	24.2	19.2	18.2	19.5
Cotton yarn, Southern, prices, wholesale, mill:													
22/1, carded, white, cones ... dol. per lb	.877	.887	.917	.921	.921	.921	.915	.867	.806	.767	.720	.712	.769
40/1, twisted, carded, skeins ... do	1.147	1.166	1.172	1.176	1.176	1.176	1.176	1.127	1.058	.968	.926	.911	.948
Spindle activity (cotton system spindles):¶													
Active spindles, last working day, total ... thous	22,153	22,084	22,292	22,221	22,246	21,134	21,770	22,145	22,128	22,000	21,895	21,609	21,758
Consuming 100 percent cotton ... do	20,751	20,730	20,900	20,885	20,957	19,903	20,516	20,910	20,871	20,755	20,714	20,394	20,519
Spindle hours operated, all fibers, total . mil. of hr	12,979	9,942	13,273	11,069	11,083	12,447	10,399	10,287	9,858	9,368	9,247	11,393	9,050
Average per working day ... do	530	523	542	563	554	505	533	514	411	468	474	460	464
Consuming 100 percent cotton ... do	12,171	9,376	12,459	10,394	10,436	11,699	9,768	9,677	9,241	8,786	8,745	10,721	8,486
Operations as percent of capacity	143.2	141.3	145.9	152.0	149.7	136.4	144.1	138.9	110.7	126.3	127.8	124.1	125.4
RAYON AND MANUFACTURES AND SILK													
Rayon yarn and staple fiber:													
Consumption:													
Filament yarn ... mil. of lb	80.5	86.9	r 78.7	r 74.9	r 85.5	r 79.8	r 81.9	r 83.4	r 78.7	r 69.6	r 57.1	r 56.4	57.1
Staple fiber ... do	25.6	29.4	r 26.0	r 25.1	r 27.3	r 27.2	r 29.2	r 26.3	r 28.4	r 28.5	r 24.8	r 26.1	26.9
Stocks, producers', end of month:													
Filament yarn ... do	11.2	6.1	10.3	10.5	8.4	10.1	11.3	12.7	20.0	36.1	54.2	r 73.2	84.1
Staple fiber ... do	3.5	2.0	3.8	3.8	4.0	3.6	4.7	4.2	4.9	6.1	8.7	r 9.4	11.1
Imports ... thous. of lb	12,958	11,845	12,075	8,638	7,372	8,767	5,310	9,696	9,738	7,810	7,591	6,506	
Prices, wholesale:													
Yarn, viscose, 150 denier, first quality, minimum filament ... dol. per lb	.760	.770	.780	.780	.780	.780	.780	.780	.780	.780	.780	.780	.780
Staple fiber, viscose, 1½ denier ... do	.370	.400	.400	.400	.400	.400	.400	.400	.400	.400	.400	.400	.400
Rayon broad-woven goods, production, quarterly♂ thous. of linear yards		r 627,539			636,338			r 596,707			r 416,478		
Silk, raw:													
Imports ... thous. of lb	1,152	727	748	628	576	499	395	375	364	577	645	842	
Price, wholesale, Japan, white, 13/15 (N. Y.) dol. per lb	3.72	4.11	[2] 5.35	[2] 5.62	[2] 5.62	[2] 5.21	[2] 4.58	[2] 4.37	[2] 4.30	[2] 4.13	[2] 4.42	[2] 4.65	[2] 4.68
WOOL													
Consumption (scoured basis):§													
Apparel class ... thous. of lb	38,695	28,896	40,255	29,656	27,944	42,940	33,724	33,376	30,700	28,892	r 27,392	r 31,680	
Carpet class ... do	18,380	14,364	16,590	13,248	12,716	12,270	7,200	6,560	2,395	4,388	r 4,500	r 7,850	
Imports ... do	51,917	42,994	73,139	50,179	66,878	74,872	r 55,264	45,190	33,761	41,632	23,330	31,998	
Prices, wholesale, Boston:													
Raw, territory, 64s, 70s, 80s, scoured ... dol. per lb	2.540	[3] 2.650	[3] 3.340	[3] 3.600	[3] 3.750	[3] 3.338	3.130	[3] 2.850	[3] 2.600	[3] 2.230	[3] 1.825	[3] 1.980	[3] 1.962
Raw, bright fleece, 56s, 58s, greasy, 47 percent shrinkage ... dol. per lb	.973	[3] 1.131	[3] 1.420	[3] 1.535	1.564	1.325	1.236	1.125	.982	.872	[3] .730	.770	[3] .762
Australian, 64s, 70s, good topmaking, scoured, in bond ... dol. per lb	[3] 2.560	[3] 2.600	[3] 3.240	[3] 3.450	[3] 3.600	[3] 3.275	[3] 3.010	[3] 2.825	[3] 2.450	[3] 2.200	[3] 1.825	[3] 1.820	[3] 1.750
WOOL MANUFACTURES													
Machinery activity (weekly average):§													
Looms:⊙													
Woolen and worsted:													
Pile and Jacquard ... thous. of active hours	106	133	136	145	153	124	140	145	110	139	r 141	124	
Broad ... do	2,346	2,275	2,272	1,984	1,852	2,258	2,200	2,252	1,685	1,908	1,772	1,754	
Narrow ... do	13	15	20	22	22	21	25	18	11	13	14	9	
Carpet and rug:													
Broad ... do	172	162	163	164	168	148	120	116	46	89	89	98	
Narrow ... do	85	87	85	86	88	73	64	64	25	45	41	43	
Spinning spindles:													
Woolen ... do	78,103	76,483	78,464	76,973	73,704	76,926	75,376	79,070	58,540	71,567	r 67,806	70,166	
Worsted ... do	110,948	102,780	[4] 108,779	[4] 95,260	[4] 89,941	[4] 111,730	[4] 104,316	[4] 100,875	[4] 75,843	[4] 83,351	r 77,342	76,562	
Worsted combs ... do	191	176	194	164	139	200	185	184	131	142	r 129	123	
Wool yarn:													
Production, total§ ... thous. of lb	76,480	59,664	[4] 77,785	[4] 60,268	[4] 57,744	[4] 76,445	[4] 59,248	[4] 59,376	[4] 50,665	[4] 52,356	r [4] 48,648	61,725	
Knitting§ ... do	8,105	6,084	8,300	[4] 7,312	[4] 6,816	[4] 8,655	[4] 6,524	[4] 6,336	[4] 5,315	[4] 6,008	r [4] 5,416	6,660	
Weaving§ ... do	48,075	37,480	48,440	[4] 37,048	[4] 35,460	[4] 50,235	[4] 41,320	[4] 42,160	40,225	[4] 39,036	r [4] 36,520	44,650	
Carpet and other§ ... do	20,300	16,100	[4] 21,045	15,908	15,468	17,555	11,404	10,880	5,125	7,312	r 6,712	10,415	
Price, wholesale, worsted yarn (Bradford weaving system) 2/32s ... dol. per lb	4.175	4.175	4.754										

r Revised. [1] No quotation. [2] Substituted series. Data beginning January 1951 represent a composite wholesale price for raw silk, Japan, white, 20-22 denier, 87 percent, AA grade tested; December 1950 quotation, $4.55. [3] Nominal price. [4] Includes operations on the American system in cotton mills which were previously reported as cotton-system spindle operations; data beginning 1951, therefore, are not strictly comparable with earlier figures. For January 1951, the activity of these spindles not previously attributed to the worsted system amounted to approximately 5.3 million active hours weekly and 1.2 million pounds of yarn spun.

¶Data for November 1950 and January, April, July, and October 1951 cover 5-week periods and for other months, 4 weeks; stock data and number of active spindles are for end of period covered.

♂Revised data for the first three quarters of 1950 are as follows (units as above): *Cotton broad-woven goods*—2,479; 2,426; 2,422; *rayon broad-woven goods*—615,475; 572,510; 590,681. Beginning 1951, production of broad-woven goods is classified according to principal fiber content; production of fabrics containing 25.0-49.9 percent wool (which cannot be distributed between cotton and rayon goods) and rayon and cotton fabrics produced on woolen and worsted looms amounted to approximately 73 million yards in 1950.

§ Data for November 1950 and January, April, July, and October 1951 cover 5-week periods; other months, 4 weeks. ⊙ Beginning 1951, looms weaving fabrics principally wool by weight.

Unless otherwise stated, statistics through 1950 and descriptive notes are shown in the 1951 Statistical Supplement to the Survey	1950 November	1950 December	1951 January	1951 February	1951 March	1951 April	1951 May	1951 June	1951 July	1951 August	1951 September	1951 October	1951 November
TEXTILE PRODUCTS—Continued													
WOOL MANUFACTURES—Continued													
Woolen and worsted woven goods, except woven felts:†													
Production, quarterly, total....thous. of lin. yd..		110,179			95,702			r 96,746			r 84,829		
Apparel fabrics, total....do....		93,310			81,737			r 79,874			r 69,174		
Government orders....do....		4,418			9,517			23,451			r 32,329		
Other than Government orders, total..do....		88,892			72,220			r 56,423			r 36,845		
Men's and boys'....do....		43,397			38,025			r 29,666			r 17,179		
Women's and children's....do....		45,495			34,195			r 26,757			r 19,666		
Nonapparel fabrics, total....do....		16,869			13,965			r 16,872			r 15,655		
Blanketing....do....		5,011			4,781			8,065			r 9,560		
Other nonapparel fabrics....do....		11,858			9,184			r 8,807			r 6,095		
Prices, wholesale, f. o. b. mill:													
Suiting, unfinished worsted, 13 oz..dol. per yd..	4.306	4.306	4.306										3.886
Women's dress goods, flannel, 8 oz., 54-inch dol. per yd..	2.846	2.846	2.846	3.514	3.514	(1)	3.302	3.302	3.302	3.302	3.302	2.722	2.722
TRANSPORTATION EQUIPMENT													
AIRCRAFT													
Civil aircraft, shipments....number..	242	305	255	239	r 272	247	248	216	207	171	184	124	
Exports‡....do....	53	85	114	60	78	64	96	66	103	48	57	49	
MOTOR VEHICLES													
Factory sales, total....number..	r 603,569	640,925	606,833	618,321	755,022	639,272	652,727	617,685	492,316	549,708	476,002	r 526,447	450,800
Coaches, total....do....	584	664	661	521	829	819	742	838	665	783	743	1,174	833
Domestic....do....	507	601	631	483	792	764	702	773	630	778	660	1,108	710
Passenger cars, total....do....	504,445	521,371	478,589	505,865	617,399	503,038	511,938	482,029	381,407	426,932	365,906	414,533	356,788
Domestic....do....	490,855	507,120	459,567	481,239	588,435	475,316	482,263	457,293	359,276	404,590	350,246	401,392	346,048
Trucks, total....do....	r 98,540	118,890	127,583	111,935	136,794	135,415	140,047	134,818	110,244	121,993	109,353	r 110,740	93,179
Domestic....do....	r 80,834	103,522	109,262	94,834	118,235	117,483	121,461	115,079	91,517	99,007	90,445	r 92,275	75,653
Exports, total‡....do....	27,348	24,578	28,737	35,628	42,668	43,436	43,337	38,978	39,224	40,502	39,463	26,038	
Passenger cars....do....	13,706	11,986	12,559	19,382	23,115	25,461	24,352	22,567	21,148	19,638	18,986	11,777	
Trucks‡....do....	13,642	12,592	16,178	16,246	19,553	17,975	18,985	16,411	18,076	20,864	20,477	14,261	
Truck trailers, production, total♂....do....	6,394	6,283	6,483	6,044	7,102	6,351	6,861	5,591	4,648	4,763	r 4,598	5,568	
Complete trailers....do....	6,151	6,103	6,265	5,841	6,809	5,999	6,529	5,330	4,416	4,475	r 4,344	5,263	
Vans....do....	3,958	4,127	3,952	3,669	3,950	3,459	3,613	2,685	1,984	1,697	r 1,599	2,210	
All other....do....	2,193	1,976	2,313	2,172	2,859	2,540	2,916	2,645	2,432	2,778	r 2,745	3,053	
Trailer chassis....do....	243	180	218	203	293	352	332	261	232	288	254	305	
Registrations:													
New passenger cars....do....	444,193	552,259	472,766	430,797	512,599	467,313	470,446	454,665	406,333	424,422	406,217	373,162	p 332,099
New commercial cars....do....	84,142	89,273	88,058	78,581	86,287	84,961	90,627	87,461	84,021	87,646	84,814	92,281	p 76,517
RAILWAY EQUIPMENT													
American Railway Car Institute:													
Shipments:													
Freight cars, total....number..	5,791	5,701	5,949	5,842	7,011	8,274	9,775	9,644	5,290	7,183	r 8,578	r 10,129	9,845
Equipment manufacturers, total....do....	3,352	3,966	4,405	4,514	4,966	5,781	7,198	7,185	4,014	5,156	5,755	6,794	6,336
Domestic....do....	3,352	3,965	4,405	4,514	4,966	5,781	7,198	7,185	4,014	5,156	5,755	6,777	6,315
Railroad shops, domestic....do....	2,439	1,735	1,544	1,328	2,045	2,493	2,576	2,459	1,276	2,027	r 2,823	r 3,335	3,509
Passenger cars, total....do....	58	54	26	19	19	29	23	38	19	14	25	21	45
Equipment manufacturers, total....do....	58	54	26	19	7	17	17	34	19	14	25	21	45
Domestic....do....	58	54	21	12	7	8	6	13	10	14	16	17	18
Railroad shops, domestic....do....	0	0	0	0	12	12	6	4	0	0	0	0	0
Association of American Railroads:													
Freight cars (class I), end of month:§													
Number owned....thousands..	1,717	1,718	1,719	1,721	1,722	1,727	1,731	1,736	1,736	1,737	1,741	1,743	1,748
Undergoing or awaiting classified repairs thousands..	93	89	86	84	82	87	89	90	96	91	92	87	84
Percent of total ownership....	5.4	5.2	5.0	4.9	4.8	5.0	5.1	5.2	5.5	5.3	5.3	5.0	4.8
Orders, unfilled....number..	110,781	109,174	126,438	135,936	137,349	138,319	134,348	128,540	125,846	121,359	118,073	113,394	110,325
Equipment manufacturers....do....	79,493	78,137	91,431	96,658	98,625	94,837	91,775	86,935	84,858	81,623	80,522	76,530	70,914
Railroad shops....do....	31,288	31,037	35,007	39,278	38,724	43,482	42,573	41,605	40,988	39,736	37,551	36,864	39,411
Locomotives (class I), end of month:													
Steam, undergoing or awaiting classified repairs number..	3,111	3,114	3,257	3,283	3,317	3,290	3,077	3,003	3,048	3,091	3,180	3,009	2,901
Percent of total on line....	12.2	12.3	13.0	13.1	13.3	13.3	12.7	12.6	13.0	13.3	13.9	13.5	13.3
Orders, unfilled:													
Steam locomotives, total....number..	17	16	21	21	20	18	16	14	12	10	23	21	20
Equipment manufacturers....do....	0	0	0	0	0	0	0	0	0	0	0	0	0
Railroad shops....do....	17	16	21	21	20	18	16	14	12	10	23	21	20
Other locomotives, total....do....	1,640	1,628	1,620	1,631	1,863	1,737	1,823	1,660	1,590	1,547	1,804	1,721	1,789
Equipment manufacturers....do....	1,640	1,628	1,620	1,631	1,863	1,737	1,823	1,660	1,590	1,547	1,804	1,721	1,789
Railroad shops....do....	0	0	0	0	0	0	0	0	0	0	0	0	0
Exports of locomotives, total....do....	32	47	37	27	34	52	34	39	48	63	50	60	
Steam....do....	1	4	4	1	0	1	1	1	0	0	1	1	
Other....do....	31	43	33	26	34	51	33	38	48	63	49	59	
INDUSTRIAL ELECTRIC TRUCKS AND TRACTORS													
Shipments, total....number..	242	291	440	461	595	397	464	604	538	591	447	587	728
Domestic....do....	218	271	393	398	519	354	420	519	484	529	385	545	652
Export....do....	24	20	47	63	76	43	44	85	54	62	62	42	76

r Revised. p Preliminary. 1 No quotation.

†Revised series. Beginning with data for 1951, the Bureau of the Census reports for woolen and worsted woven fabrics refer to goods which are principally wool by weight (i. e., exclude fabrics containing 25-49.9 percent wool previously included).

‡Excludes "special category" exports not shown separately for security reasons.

♂ Revisions for January-August 1950 are available upon request.

§Not including railroad-owned private refrigerator cars.

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INDEX TO MONTHLY BUSINESS STATISTICS, Pages S1–S40

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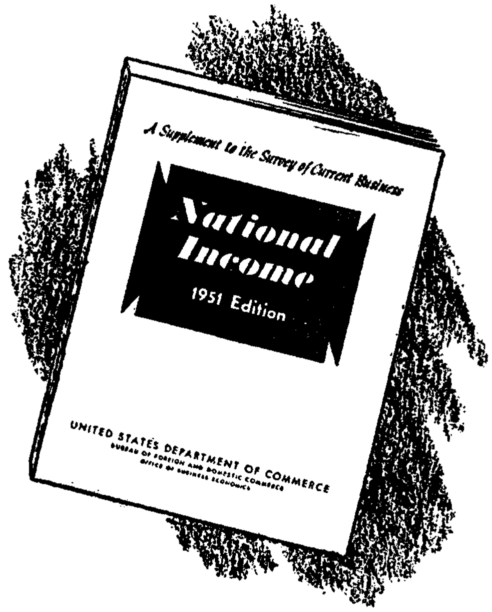
A Supplement to the Survey of Current Business



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