## SURVEY OF CURRENT BUSINESS



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## the BUSINESS SITUATION

$\mathrm{R}_{\mathrm{E}}$REVISED (45-day) estimates show that real GNP increased $71 / 2$ percent at an annual rate in the third quarter of 1983 , compared with the 8 -percent increase shown by the preliminary (15-day) estimates. Revisions in the major components of GNP were small (table 1). Downward revisions were in personal consumption expenditures
(mainly in food purchases), change in business inventories (wholesale trade), residential investment (partly due to an upward revision in prices), and government purchases (Federal defense purchases). Upward revisions were in net exports (nonagricultural exports were revised up and nonpetroleum imports were revised down) and

Table 1.-Revisions in Selected Component Series of the NIPA's, Third Quarter of 1983

|  | Seasonally adjusted at annual rates |  |  | Percent change from preceding quarter at annual rates |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 15-day estimate | 45-day estimate | Revision | 15-day estimate | 45-day estimate |
| GNP....................................................................................................... | Billions of current dohars |  |  |  |  |
|  | 3,363.3 | 3,360.3 | -3.0 | 11.6 | 11.2 |
| Personal consumption expenditures $\qquad$ <br> Nonresidential fixed investment $\qquad$ | $\begin{array}{r} 2,186.5 \\ 348.4 \\ 140.7 \\ 11,8 \\ -25.9 \\ 701.8 \end{array}$ | $\begin{array}{r} 2,182.9 \\ 349.6 \\ 139.9 \\ 8,7 \\ -20.2 \\ 699.4 \end{array}$ | $\begin{array}{r}-3.6 \\ 1.2 \\ \hline\end{array}$ | 7.6 15.3 | 6.9 16.9 |
| Residential investment.................................................................................. |  |  | -3.1 | 44.5 | 41.1 |
| Change in business inventories ................................................. |  |  |  |  |  |
| Net exports .......................................................................... |  |  |  |  |  |
| Government purchases............................................................ |  |  |  | 11.2 | 9.7 |
| National income...................................................................... |  | 2,686.6 |  | 11.8 |  |
| Compensation of employees... | 2,011.3 | 2,011.9 | . 6 | 8.9 | 9.162.0 |
| Corporate profits with inventory valuation and capital consumption adjustments. |  | $\begin{array}{r} 246.2 \\ 428.5 \\ \mathbf{2 , 7 6 3 . 2} \end{array}$ |  |  |  |
| Other. | $\begin{array}{r} 427.4 \\ \mathbf{2 , 7 6 1 . 4} \end{array}$ |  |  |  | 2.6 |
| Personal income ..... |  |  |  | 7.2 | 7.5 |
|  | Billions of constant (1972) dollars |  |  |  |  |
| GNP <br> Personal consumption expenditures <br> Nonresidential fixed investment <br> Residential investment <br> Change in business inventories $\qquad$ <br> Net exports <br> Government purchases | $\begin{array}{r} 1,554.4 \\ 1,019.2 \\ 168.7 \\ 56.9 \\ 4.8 \\ 8.7 \\ 296.1 \end{array}$ | $\begin{array}{r} 1,553.6 \\ 1,018.0 \\ 169.3 \\ 56.2 \\ 3.9 \\ 10.4 \\ 295.8 \end{array}$ | $\begin{array}{r} \hline-.8 \\ -1.2 \\ -.6 \\ -.7 \\ -1.9 \\ -.3 \end{array}$ | 7.9 | 7.7 |
|  |  |  |  | 3.5 | 3.0 |
|  |  |  |  | 14.6 | 16.3 |
|  |  |  |  | 37.0 | 30.1 |
|  |  |  |  |  | .............. |
|  |  |  |  | 5.7 | 5.3 |
|  | Index numbers, $1972=100{ }^{1}$ |  |  |  |  |
| GNP implicit price deflator <br> GNP fixed-weighted price index <br> GNP chain price index. | $\begin{array}{r} 216.37 \\ 225.1 \end{array}$ | $\begin{array}{r} 216.29 \\ 225.3 \end{array}$ | -.08.2 | 3.44.14.4 | 3.34.44.3 |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

[^0]nonresidential fixed investment (producers' durable equipment). The increase in prices as measured by the GNP fixed-weighted price index was revised up from 4 to $4^{1 / 2}$ percent.
The revisions in the third-quarter GNP do not alter the picture of economic activity described in the October "Business Situation." About onethird of the strong increase in GNP was accounted for by a swing in business inventories to accumulation after six consecutive quarters of liquidation. Among the components of final sales, personal consumption expenditures and residential investment continued to increase, but at slower rates than in the second quarter. Nonresidential fixed investment was up more than in the second quarter; structures turned around, and producers' durable equipment registered another sizable increase. Government purchases, due to turnarounds in Federal and in State and local purchases, increased after a small decline. The slide in net exports slowed markedly in the third quarter; exports increased following a decline, and imports were up about the same as in the second quarter.

## Corporate profits

Corporate profits from current pro-duction-profits with inventory valuation and capital consumption adjust-ments-increased $\$ 28$ billion to $\$ 246$ billion in the third quarter. ${ }^{1}$ In the second quarter, they had increased a record $\$ 361 / 2$ billion to $\$ 218$ billion (table 2).

[^1]An increase in the domestic profits of nonfinancial corporations more than accounted for the third-quarter increase. These profits increased $\$ 281 / 2$ billion to $\$ 1941 / 2$ billion, following an increase of $\$ 32$ billion. In both quarters, the increases resulted from the combination of large increases in the real product of nonfinancial corporations, moderate increases in unit prices, and decreases in unit labor and nonlabor costs. The decreases in labor costs were the first registered since the second and third quarters of 1975.

Increases in manufacturing profits accounted for a major share of the increase in nonfinancial profits. Profits of most manufacturing industries were up and reflected strengthening sales in nearly all manufacturing industries. Profit increases were especially large for motor vehicle, petroleum, and chemicals manufacturers. Motor vehicle manufacturers' profits reflected increased shipments to dealers, who rebuilt depleted inventories, and cutbacks in sales incentive programs. Both petroleum and chemicals manufacturers' profits reflected increasing producer prices for their products in combination with lower costs for petrochemical feedstocks and for some types of crude oil.

Increases occurred in the profits of nearly all nonmanufacturing industries. Utilities' profits increased from an already high second-quarter level, as unusually hot summer weather in many parts of the country led to stepped up use of electricity for air conditioning. Increased transportation profits resulted primarily from reduced losses by airlines; sharply higher air fares, as measured by cents per revenue passenger mile, offset the effects of reduced air travel (seasonally adjusted).

Domestic profits of financial corporations decreased $\$ 1$ billion to $\$ 31$ billion in the third quarter. The decrease was more than accounted for by decreases in the profits of savings and loan associations and of mutual savings banks, which were adversely affected by increasing interest rates on some types of deposits. The decrease in financial profits was the

first since the first quarter of 1982 ; since that trough, these profits have doubled. The Special Note that begins on p. 3 discusses the recent volatility of these profits. As background, it highlights the diversity of financial corporations and reviews the accounting concepts and methodology that underlie the estimation of their profits.

Profits from the rest of the world increased slightly to $\$ 201 / 2$ billion in the third quarter, matching the increase in the second. The increases were small because increases in earnings on U.S. corporations' foreign assets-which reflected recoveries in the economies of many industrial na-tions-were largely offset by sharp increases in the earnings on foreign corporations' U.S. assets. U.S. corporations' foreign earnings and foreign corporations' U.S. earnings are netted in the calculation of rest-of-the world profits.

Other profits measures.-Profits before tax increased $\$ 28$ billion to $\$ 246$ billion in the third quarter, following an increase of $\$ 361 / 2$ billion. The third-quarter level remains below the peak of $\$ 261$ billion recorded in the first quarter of 1980. These profits exclude the inventory valuation adjustment (IVA) and the capital consumption adjustment (CCAdj). The IVA became more negative in the third quarter, decreasing $\$ 8$ billion to $-\$ 181 / 2$ billion, following a slightly larger decrease. The decreases resulted from increased rates of inflation of prices of goods held in inventories; the largest decreases occurred in the trade industry and in the food, chemicals, machinery, and transportation equipment manufacturing industries. The CCAdj increased $\$ 12$ billion to $\$ 371 / 2$ billion, following an increase of $\$ 111 / 2$ billion. ${ }^{2}$ The increases reflected in part the effects of provisions of the Economic Recovery Tax Act of 1981 (ERTA) permitting the use of shorter service lives for measuring the depreciation on new capital (as reported to the Internal Revenue Service). (For further discussion, see the "Business Situation" in the September 1983 Survey of Current Business.)

Disposition of profits.-Corporate profits taxes increased $\$ 9$ billion to $\$ 85$ billion in the third quarter, following an increase of $\$ 141 / 2$ billion. Provisions of the Tax Equity and Fiscal Responsibility Act of 1982 have progressively raised profits tax liability, and partly offset the effects of ERTA.

Dividends continued their 8 -year uptrend in the third quarter, increasing $\$ 11 / 2$ billion to $\$ 731 / 2$ billion, following an increase of $\$ 1 / 2$ billion. Undistributed profits increased $\$ 13$ billion to $\$ 68$ billion, following an increase of $\$ 18^{1 / 2}$ billion.
2. The capital consumption adjustment converts depreciation of fixed capital used up in production to a consistent basis with respect to service lives ( 85 percent of Internal Revenue Service Bulletin F for equipment and nonresidential structures) and depreciation ment and nonresidential structures) and depreciation
formulas (straight line). It also converts depreciation formulas (straight line). It also converts depreciation
to replacement cost, the valuation concept underlying to replacement cost, the valuation concept underlying
national income and product accounting, from historical cost, the concept generally underlying business accounting.

## Special Note.—Profits of Financial Corporations

AS NOTED in the "Business Situation," on a quarterly basis, profits of financial corporations have recovered strongly since the low in the first quarter of 1982. From 1978 to 1982, these profits had declined sharply$\$ 11^{1 / 2}$ billion, or about one-third-and contributed far more than proportionately to the decline in total domestic corporate profits (chart 1). In earlier years, profits of financial corporations had trended rather steadily upward, with only mild declines in recessions.

The recent volatility of these profits largely reflects the effects of the course of interest rates on this diverse group of corporations-some of which were favorably affected, and some adversely affected. Further, the appearance of volatility was heightened by the impact on these profits of the national income and product accounting treatment of private noninsured pension funds. In order to shed light on movements in these profits, this Special Note highlights the diverse nature of financial corporations and aspects of national income and product accounting that underlie the measures of their profits.

## Coverage, concepts, and methodology

In the presentation of corporate profits by industry in table 6.20 of the National Income and Product Accounts Tables, the "financial" line is
shown as a component of "domestic." ${ }^{1}$ Thus, what will be referred to in this Special Note as financial profits are the profits from the U.S. operations of corporations primarily engaged in financial activities. The profits of these corporations averaged about 14 percent of total domestic profits over the last three decades.

As is suggested by the coverage of the six categories of financial profits detailed for this Special Note in table 1, financial corporations are diverse. Some are closely held corporations; others are sponsored by the Federal Government. Some, like commercial banks, engage in a broad range of financially oriented activities; others, like real estate investment trusts, are narrowly focused. Yet others, like Federal home loan banks, serve only other financial institutions.

For the national income and product accounts (NIPA's), the coverage of the term "corporation" is not congruent with that of corporations as defined by State and Federal laws.

[^2]CHART 1
Domestic Corporate Profits With Capital Consumption Adjustment

U.S. Department of Commerce, Bureau of Economic Analysis

| 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\mathbf{1 6 . 0}$ | $\mathbf{1 5 . 0}$ | 11.5 | 16.6 | 22.6 | 30.6 | 29.5 | 25.3 | 18.4 | 19.0 |
| 15.9 | 15.0 | 11.8 | 17.1 | 23.1 | 31.0 | 30.3 | 26.9 | 20.3 | 20.9 |
| 4.5 | 5.7 | 5.7 | 6.0 | 6.2 | 7.7 | 9.6 | 11.9 | 14.5 | 15.4 |
| 11.4 | 9.3 | 6.2 | 11.1 | 16.9 | 23.3 | 20.7 | 15.0 | 5.8 | 5.5 |
| 5.3 | 5.1 | 4.3 | 4.4 | 5.2 | 6.7 | 8.1 | 6.4 | 5.9 | 5.6 |
| 3.3 | 2.4 | 2.0 | 3.2 | 4.6 | 6.0 | 4.7 | .1 | -7.0 | -5.8 |
| .7 | 1.3 | .6 | 1.1 | .9 | 2.7 | 1.1 | -.5 | -.2 | .2 |
| 2.4 | .3 | -.4 | 2.3 | 6.6 | 7.9 | 6.9 | 7.0 | 5.0 | 2.9 |
| -.3 | .2 | -.3 | .1 | -.5 | 0 | -.1 | 2.0 | 2.0 | 2.6 |
|  |  |  |  |  |  |  |  |  |  |

First, the NIPA term covers all business entities required to file Federal corporate income tax returns; these include, in addition to corporations defined by law, many other types of business entities, such as most mutual financial institutions. Second, the term covers several types of entities that are not required to file corporate tax returns: credit unions, private noninsured pension funds, Federal Reserve banks, federally sponsored credit agencies that are tax exempt, and nonprofit organizations that primarily serve business. The coverage of corporations for the NIPA's stems partly from the tie, discussed below, to tax-return tabulations as the primary data source for profits. It also reflects the usefulness of treating entities, such as mutual financial institutions, that behave like corporations as corporations. Finally, it reflects the need to classify with corporations certain entities, such as Federal Reserve banks, that fit better with corporations than either with another form of business or with the nonbusiness sector.
Of the entities classified as corporations in the NIPA's but not required to file corporate tax returns, all except nonprofit organizations that primarily serve business are financial corporations. Thus, in defining profits for financial corporations, the generalization that NIPA profits are conceptually similar to profits as defined in the Federal tax regulations-that is, as total receipts less total deduc-tions-must be extended. The definition of a measure of profits for private noninsured pension funds can be taken as an example. These fundsfor which banks and other financial institutions except life insurance carriers are trustees-receive income, including dividends, on their investments. Reflecting the nature of these funds, in the NIPA's their income is attributed to persons as savings. In addition, their dividends are subject to the accounting requirement that the NIPA's show an unduplicated measure of dividends. This general requirement is implemented by netting dividends received by corporations against dividends paid by them. For pension funds, which do not pay any dividends, the resulting measure of net dividends paid is negative. Thus,
the measure of profits defined for these funds consists only of net dividends paid, and it is negative.
Although NIPA profits are similar to profits as reported on tax returns, there are several conceptual differences. Three of these differences are particularly significant to the measurement of profits of financial corporations. First, NIPA profits exclude capital gains and losses. Thus, the substantial amounts of capital gains and losses earned on the portfolios of financial corporations (which are reported as part of profits on tax returns) are excluded from NIPA profits. ${ }^{2}$ This exclusion is particularly significant to the measurement of profits of regulated investment companies, which include mutual funds. Second, NIPA profits are net of dividends received from domestic corporations. This netting is particularly significant to the measurement of profits of life and nonlife (property and casualty) insurance carriers and regulated investment companies, as well as underlying the measurement of profits of private noninsured pension funds; all of these typically hold a large share of their assets in corporate stocks and thus receive substantial amounts of dividends. Third, NIPA profits include the excess of additions to bad debt reserves over losses actually incurred. This feature of NIPA profits is particularly significant to the measurement of profits of commercial banks and of savings and loan associations. ${ }^{3}$
Two further adjustments are usually required to derive NIPA profitsthat is, profits from current production. Of the two adjustments, made to place NIPA profits on a basis that values capital used up in production at replacement cost with consistent service lives and depreciation formulas, only the capital consumption adjustment is made for financial profits. As a rule, financial corporations do not carry enough inventories of goods to require an inventory valuation adjustment. The capital consumption

[^3]adjustment is small, however, and is not available separately for the various categories of financial profits.
In general, estimates of profits are based, in industry detail, on tabulations of corporate income tax returns published by the Internal Revenue Service in its Statistics of Income and, for the 2 most recent years before those tabulations become available, extrapolations using other data sources. Among the financial corporations, this methodology is used for commercial banks, thrift institutions except credit unions, some credit agencies, life and nonlife insurance carriers, and investment-oriented institutions. In most cases, the extrapolators are prepared using income and related data from regulatory agencies (such as the Federal Home Loan Bank Board for savings and loan associations, and the Securities and Exchange Commission for security and commodity brokers), publicly available financial statements for commercial banks and nonlife insurance, and trade associations (such as the National Association of Mutual Savings Banks and the American Council of Life Insurance). For investment-oriented institutions except security and commodity brokers, the extrapolators are based on trends judgmentally adjusted for changes in business conditions. For the financial corporations that do not file corporate income tax returns, estimates are based on the following: for credit unions, income and related data from the National Credit Union Administration; for Federal Reserve banks and the taxexempt federally sponsored credit agencies, income and related data from the agencies or their parent organizations; and for private noninsured pension funds, holdings of corporate stock from the Federal Reserve's flow-of-funds accounts combined with average stock yields.

## Financial profits, 1973-82

After declining moderately in 1974 and 1975, financial profits (without capital consumption adjustment) increased sharply through 1978 to $\$ 31$ billion, declined sharply through 1981, and increased slightly to $\$ 21$ billion in 1982 (chart 2). The overall pattern masks very different patterns for the major categories of financial profits.

Financial Profits


Of those shown in table 1, only Federal Reserve profits increased throughout the period. Among the other categories, profits of thrift institutions and, to a lesser extent, profits of insurance carriers and of commercial banks were weak toward the end of the period. By the end of the period, reflecting the strength of Federal Reserve profits and the weakness of other profits, Federal Reserve profits accounted for three-fourths of the total.

Increases in Federal Reserve profits were moderate through 1977 and then large. These profits mainly reflect interest on Federal Reserve banks' holdings of Federal debt instruments; these holdings change as purchases and sales are made in order to try to influence the money supply and interest rates. During the period of large increases, about one-fourth of the $\$ 9$ billion increase in profits was due to increases in holdings. The remainder was primarily due to increased average interest rates on these holdings.

The pattern of financial profits excluding Federal Reserve profits was similar to the overall pattern except that the decline from 1978 to 1981 was even sharper and continued into
1982. The poor performance of thrift institutions' profits was a major factor; these profits accounted for about two-thirds of the decline from 1978 to 1982. Profits of thrift institutions peaked at $\$ 6$ billion in 1978, and, following declines in 1979 and 1980, registered losses of $\$ 7$ billion and $\$ 6$ billion in 1981 and 1982 (chart 3). The weakness after 1978 is traceable to swings from profits to large losses for mutual savings banks and for savings and loan associations. For savings and loan associations, the swing resulted from three main factors: (1) interest paid on deposits reflected the generally increasing interest rates augmented by the effects of liberalized interest rate ceilings and other elements of the increased competitiveness of financial institutions; (2) interest receipts reflected the slow increase in the average interest rate on their portfolios, which are dominated by long-term mortgages; and (3) net outflows of new funds in 1981 and 1982 limited acquisitions of new, highyield assets. Similar factors affected mutual savings banks. Profits of credit unions, which reflect interest on consumer loans to members and on their holdings of other financial assets, showed moderate year-to-year variability, but declined little from 1978 to 1982.

Changes in profits of the insurance group were substantial throughout the period. These profits declined sharply in 1974 and 1975, increased sharply to a peak of $\$ 8$ billion in 1978 , and then declined to $\$ 3$ billion in 1982. This pattern reflected disparate movements in the three components. Sharp fluctuations in nonlife insurance profits produced most of the year-to-year variability; as is typical, most of the fluctuations were traceable to profits from their underwriting operations rather than from their portfolio holdings. Life insurance profits increased steadily, but moderately, throughout the period. Private noninsured pension funds registered steadily increasing losses. From 1978 to 1982, pension fund losses increased from $\$ 4$ billion to $\$ 61 / 2$ billion, thus accounting for about one-half the decline for this group. As noted earlier, these losses result from the NIPA measurement of their profits as their (nonexistent) dividends paid less dividends received. These funds registered substantial increases in divi-

## CHART 3 <br> Financial Profits Excluding Federal Reserve Profits

Billion \$

dends received during the period, and as a result their losses increased. The increase in dividends received largely reflected the rapid growth-near doubling from 1978 to 1982-in their portfolios of corporate stocks.

Commercial banks' profits declined slightly in 1974 and 1975 , increased to a peak of $\$ 8$ billion in 1979, and then declined to $\$ 51 / 2$ billion in 1982. Interest paid reflected conditions similar to those affecting savings and loan associations: generally rising interest rates and increased competitivenessboth among banks and with thrift institutions and money market funds. As a result, interest paid increased about as much as interest received. Problem loans, in part the result of continuing adverse economic conditions, became a major, and more or less pervasive, depressant to profits.

The other categories of financial profits-those of the credit agencies and investment-oriented institu-tions-have fluctuated from year to year, but have remained at low levels. Among the credit agencies, profits of the federally sponsored credit agencies fluctuated modestly around a
gradual uptrend. These profits are derived mainly from interest on portfolio holdings held to carry out their several missions, which are largely related to mortgage and agricultural credit. Profits of personal and business credit agencies showed substan-
tial volatility, ending the period with several years of losses. Among the in-vestment-oriented institutions, fluctuations in the profits of security and commodity brokers have been responsible for much of the year-to-year variability. These profits are primar-
ily from sales of securities and their underwriting operations. Regulated investment companies, real estate investment trusts, and small business investment companies registered losses through 1979, then returned to profitability.

## Government sector

The fiscal position of the government sector in the national income and product accounts (NIPA's) deteriorated in the third quarter, as the combined deficit of the Federal Government and of State and local governments increased $\$ 19$ billion. The deterioration was more than accounted for by an increase in the Federal Government deficit; the fiscal position of State and local governments continued to improve. The combined deficit, at $\$ 133$ billion, was slightly higher than the $\$ 127$ billion deficit of a year earlier. Over the past year, the Federal Government deficit increased $\$ 30$ billion, but the State and local government surplus increased $\$ 24$ billion.

The Federal sector.-The Federal Government deficit, which had declined $\$ 42$ billion over the first half of the year, increased $\$ 221 / 2$ billion in the third quarter to $\$ 1881 / 2$ billion, as receipts declined and expenditures increased.

Receipts declined $\$ 7$ billion, compared with a $\$ 291 / 2$ billion increase in the second quarter. The third-quarter decline was more than accounted for by a $\$ 17 \frac{1}{2}$ billion decline in personal tax and nontax receipts, reflecting the final reduction in income tax withholding rates under the Economic Recovery Tax Act of 1981. This reduction, which amounted to $\$ 29$ billion, became effective July 1. Indirect business tax and nontax accruals also declined, reflecting a further decline in windfall profit taxes. Corporate profits tax accruals increased $\$ 7$ billion and contributions for social insurance increased $\$ 31 / 2$ billion, as corporate profits and wages and salaries continued to record strong gains.

Expenditures increased $\$ 151 / 2$ billion, compared with $\$ 12$ billion in the second quarter. All major categories of expenditures increased more than
in the previous quarter, except transfer payments, which declined. Net interest paid recorded the largest in-crease- $\$ 9$ billion; the increase was mainly the result of higher interest rates. Purchases of goods and services increased $\$ 5$ billion. Within the total, nondefense was up $\$ 21 / 2$ billion; agricultural purchases by the Commodity Credit Corporation (CCC) increased $\$ 11 / 2$ billion, crude oil purchases for the strategic petroleum reserve increased $\$ 1$ billion, and all other purchases were unchanged. The increase in CCC purchases was the net of a $\$ 4$ billion increase in regular CCC purchases and a $\$ 21 / 2$ billion decline as a result of the payment-in-kind (PIK) program. The PIK program provides certain crops-mainly corn, cotton, and wheat-to farmers who agreed to divert acreage from production. The crops are given to farmers from CCC stocks and, therefore, the transactions have no effect on total expenditures. In the NIPA's, the PIK transactions are treated as negative CCC purchases and as subsidy payments to farmers.
Subsidies less the current surplus of government enterprises also increased $\$ 5$ billion. The increase was accounted for by the CCC deficit ( $\$ 3$ billion), the Postal Service deficit ( $\$ 1$ billion), and subsidy payments to farmers ( $\$ 1$ billion). The increase in the Postal Service deficit reflected a third annual bonus payment of $\$ 350$ per employee and a pay raise. The increase in subsidy payments to farmers was the net of a $\$ 21 / 2$ billion increase under the PIK program and a $\$ 11 / 2$ billion decline in regular payments. Grants-inaid to State and local governments increased $\$ 1 / 2$ billion; a $\$ 1$ billion increase in highway grants was partly offset by a $\$ 1 / 2$ billion decline in food and nutrition grants. The increase in highway grants reflected the initial
spending of funds from the gasoline excise tax increase in April under the Highway Revenue Act of 1982.
Transfer payments to persons declined $\$ 31 / 2$ billion, compared with $\$ 6$ billion increase in the second quarter. A $\$ 7$ billion decline in unemployment benefits was partly offset by increases in social security benefits ( $\$ 21 / 2$ billion) and in supplemental security income (SSI) benefits ( $\$ 1$ billion). All types of unemployment benefits declined; regular and extended benefits, $\$ 2 \frac{1}{2}$ billion each, and supplementary benefits, $\$ 2$ billion. The increase in SSI benefits included $\$ 1 / 2$ billion for a legislated benefit increase effective July 1.

For fiscal year 1983, the Federal Government deficit (on the NIPA basis) amounted to $\$ 1861 / 2$ billion, or $\$ 9$ billion below the deficit based on the midsession review of the unified budget (see the August Survey for details of the midsession review). Receipts were $\$ 11 / 2$ billion higher and expenditures were $\$ 71 / 2$ billion lower than previously estimated.
On a high-employment budget basis, the Federal fiscal position moved from a deficit of $\$ 36$ billion in the second quarter to a deficit of $\$ 74$ billion in the third (see table 1 on page 7). The high-employment deficit as a percentage of potential GNP increased from 1.0 percent in the second quarter to 2.0 percent in the third-a move toward a more expansionary fiscal position. As percentages of potential GNP, high-employment expenditures increased slightly, but high-employment receipts decreased sharply, from the second quarter to the third.

The State and local sector.-The State and local government surplus increased $\$ 31 / 2$ billion, to $\$ 551 / 2$ billion, as receipts continued to increase
more than expenditures. The increase in the surplus was largely accounted for by a $\$ 21 / 2$ billion increase in the "other" surplus, that is, in the surplus excluding social insurance funds.
Receipts increased $\$ 14$ billion, compared with $\$ 17$ billion in the second quarter. Indirect business tax and nontax accruals increased $\$ 5^{1 / 2}$ billion; sales taxes accounted for $\$ 3$ billion of the increase and property taxes for $\$ 2$ billion. Personal tax and
nontax receipts increased $\$ 5$ billion, including $\$ 2$ billion for tax increases, primarily in Illinois, Pennsylvania, and Wisconsin. Corporate profits tax accruals increased $\$ 21 / 2$ billion.
Expenditures increased $\$ 101 / 2$ billion, compared with $\$ 51 / 2$ billion in the second quarter. Purchases of goods and services more than accounted for the increase; all other expenditures, on balance, declined slightly. Within purchases, compensation in-
creased $\$ 41 / 2$ billion, construction, $\$ 31 / 2$ billion, and all other purchases, $\$ 3$ billion. The increase in construction was the first since late 1982 and the largest since a $\$ 41 / 2$ billion increase in the second quarter of 1978. Although highways accounted for the bulk of the increase, all major types of construction recorded gains. The $\$ 3$ billion increase in highway construction reflected, in part, the increase in highway grants mentioned earlier.

## Reconciliation and Other Special Tables

Table 1.-High-Employment Federal Receipts and Expenditures
[Billions of dollars; quarters at seasonally adjusted annual rates]

| $\underset{\substack{\text { Year and } \\ \text { quarter }}}{\text {. }}$ | Receipts |  |  |  |  | Expenditures |  |  |  |  | Surplus or deficit ( - ) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Level | Percent-age of potential GNP | Change from preceding period |  |  | Level | Percent-age of potential GNP | Change from preceding period |  |  | Level | $\begin{aligned} & \text { Percent- } \\ & \text { age of } \\ & \text { potential } \\ & \text { GNP } \end{aligned}$ | Change from preceding period |  |  |
|  |  |  | Total | Due to automatic inflation effects | Due to <br> discre. <br> tionary <br> policy <br> and other <br> factors |  |  | Total | Due to inflation effects | Due to discrepolicy and other factors factors |  |  | Total | Due to automatic inflation effects | Due to discretionary and other factors |
| 1977. | 392.3 | 19.8 | 35.2 | 25.7 | 9.6 | 412.7 | 20.9 | 39.1 | 14.5 | 24.5 | -20.4 | -1.0 | -3.8 | 11.0 | -14.9 |
| 1978 ................ | ${ }_{440.6}^{32.3}$ | 20.1 | 48.3 | 37.9 | 10.4 | 456.5 | 20.8 | 43.8 | 16.8 | 27.0 | $-15.9$ | -. 7 | 4.5 | 21.1 | $-16.6$ |
|  | 504.9 5768 | ${ }_{20.9}^{20.5}$ | 64.3 719 | 48.1 | ${ }_{1}^{16.2}$ | 506.9 5939 | ${ }_{20}^{20.6}$ | 50.4 87.0 | ${ }_{29}^{20.4}$ | ${ }_{575}^{29.9}$ | -2.0 | -. 1 | 13.9 -151 | ${ }_{27}^{27.7}$ | -13.7 |
| 1981.................... | 671.3 | 21.6 | 94.5 | 63.5 | 31.0 | 674.5 | 21.7 | 80.6 | 35.9 | 44.7 | ${ }_{-3.2}$ | $-.1$ | $-13.9$ | 27.6 | -13.6 |
| 1982................... | 704.0 | 20.7 | 32.7 | 37.0 | $-4.3$ | 736.6 | 21.7 | 62.1 | 25.2 | 36.9 | -32.6 | -1.0 | -29.4 | 11.9 | -41.2 |
| 1977: I................. | 385.3 | 20.2 | 35.3 | 6.3 | 9.0 | 391.9 | 20.6 | 2.1 | 1.7 | . 4 | $-6.6$ | -. 8 | 13.1 | 4.5 | 8.6 |
|  | 387.8 3907 | $\begin{array}{r}19.8 \\ 195 \\ \hline 1\end{array}$ | ${ }_{29}^{2.5}$ | 8.1 | -5.6 | 403.8 | 20.7 | 11.9 | 2.9 | 8.9 | $-16.0$ | $-.8$ | -9.4 | 5.1 | $-14.5$ |
| IV.................. | 405.3 | 19.8 | 14.6 | 7.4 | ${ }^{-3.8}$ | ${ }_{433.3}^{42.9}$ | 21.2 | 11.4 | ${ }_{4.5}^{6.5}$ | 11.6 6.9 | $-27.9$ | $-1.4$ | $-{ }^{-1.2}$ | 2.9 |  |
| 1978: 1 - | 413.3 | 19.8 | 8.0 |  |  | 439.3 |  |  |  |  | -26.0 | -1.2 | 1.9 |  |  |
| II..................... | 431.7 | 20.0 | 18.4 | 15.7 | 2.7 | ${ }_{446.6}^{4}$ | 20.6 | 7.3 | 4.0 | ${ }_{3.4}$ | -14.9 | $-.7$ | 11.1 | 11.7 | $-6$ |
| IV. | 449.8 | 20.2 | 18.1 | 12.6 | 5.5 | 461.3 | 20.7 | 14.7 | 8.1 | 6.6 | -11.5 | -. 5 | 3.4 | 4.5 | $-1.1$ |
| IV................... | 467.3 | 20.4 | 17.5 | 13.5 | 4.0 | 478.7 | 20.9 | 17.4 | 5.5 | 11.9 | -11.4 | -. 5 | . 1 | 8.0 | -7.9 |
| 1979: I .................. | 484.9 | 20.5 | 17.6 | 11.1 | 6.4 | 484.4 | 20.5 | 5.7 | 2.8 | 2.9 |  | 0 | 11.8 | 8.3 | 3.6 |
| III. ${ }_{\text {a }}$ | 5910.5 | 20.5 | 14.8 10.8 | 11.5 | 3.4 -4 -4 | 491.2 515.5 | 20.2 20.7 | 6.8 24.3 | 12.1 12.5 | 5.7 11.8 1.8 | 8.6 -5.0 -1.0 | 4 -4 -4 | 8.2 -13.6 -6.6 | ${ }_{-1.3}^{10.4}$ | - -2.3 |
| IV................ | 524.5 | 20.5 | 14.0 | 9.8 | -4.2 | 536.5 | 21.0 | 24.0 | 12.6 | 15.4 | -11.9 | $-.5$ | ${ }_{-6.9}$ | -4.3 | $-11.2$ |
| 1980: I ............... | 542.7 | 20.6 | 18.2 | 14.9 | 3.3 | 560.2 | 21.3 | 23.7 |  | 20.3 | -17.5 | -. 7 | -5.6 | 11.5 | -17.0 |
| III.......as........ | ${ }_{587.0}^{561.8}$ | ${ }_{210}^{20.6}$ | 19.1 25.2 | 18.8 14.7 | $\begin{array}{r}\text { a } \\ 10.6 \\ \hline 8\end{array}$ | 580.3 606.0 | ${ }_{21.6}^{21.3}$ | 20.1 257 | 4.0 | 16.0 | - 18.5 | - 7 | -1.0 | 14.7 | -15.8 |
| IV.................. | ${ }_{615.6} 5$ | 21.2 | 28.6 | 20.0 | ${ }_{8.6}$ | 600.0 629.2 | 21.7 | 23.2 | 12.2 | 11.0 | $-13.6$ | -. 5 | 5.4 | 7.8 | -2.4 |
| 1981: I ................. | 653.9 | 21.9 | 38.3 | 18.9 | 19.4 | 648.1 | 21.7 | 18.9 | 4.3 | 14.7 | 5.8 | . 2 | 19.4 | 14.6 | 4.7 |
| ${ }_{\text {III }}^{\text {II........... }}$ | 664.6 680.5 | ${ }_{21.6}^{21.7}$ | 10.7 15.9 | $\begin{array}{r}7.1 \\ 159 \\ \hline\end{array}$ | ${ }_{0}^{3.6}$ | 654.3 6869 | ${ }_{218}^{21.4}$ | ${ }^{6.2}$ | -2.1 | 6.3 12.4 12 | ${ }_{163}^{10.3}$ | $\stackrel{3}{3}$ | 4.5 -16.6 | $\begin{array}{r}7.2 \\ -42 \\ \hline 8\end{array}$ | -2.7 |
| Iv................. | 686.1 | 21.2 | ${ }_{5.6}^{15.9}$ | 16.9 | -11.3 | 708.7 | 21.9 | 21.8 | 8.5 | 13.2 | ${ }_{-2.6}^{-6.3}$ | $-{ }_{-}$ | -16.3 | $-4.3$ | $-24.6$ |
| 1982: I.......... | 695.1 | 21.1 | 9.0 | 5.0 |  | 707.9 | 21.5 | -. 8 | -1.0 | 3 | -12.8 | -. 4 | 9.8 | 6.0 | 3.8 |
| II | 703.6 | 20.9 | 8.5 | 8.2 | 3 | 710.4 | 21.1 | 2.5 | 4.2 | -1.6 | $-6.9$ | - 2 | 5.9 | 4.0 | 1.9 |
|  | 704.8 712.3 | ${ }_{20.4}^{20.6}$ | 7.5 | 4.4 | $-3.1$ | 743.1 7848 | ${ }_{22}^{21.5}$ | 32.7 41.7 | $\begin{array}{r}11.4 \\ 3.8 \\ \hline\end{array}$ | 21.4 37.8 | -38.3 -72.4 | $-1.1$ | -31.4 | $\begin{array}{r}-6.9 \\ 1.4 \\ \hline\end{array}$ | - 24.5 |
| 1983: I..... | 728.8 | 20.5 |  | 10.6 |  |  |  | - 11.0 |  | -14.8 |  | -1.3 |  |  | 20.7 |
| II................ | 748.1 | 20.7 | 19.3 | 5.4 | 13.9 | 783.9 | 21.7 | 10.1 | . 5 | 9.7 | -35.9 | -1.0 | 9.1 | 4.9 | 4.1 |
| III.............. | 729.0 | 19.9 | -19.1 | 4.9 | -24.0 | 802.9 | 21.9 | 19.0 | 1.8 | 17.2 | -74.0 | -2.0 | -38.1 | 3.1 | -41.3 |

Table 2.-Reconciliation of Changes in Compensation Per Hour in the Business Economy Other Than Farm and Housing and Average Hourly Earnings in the Private Nonfarm Economy, Seasonally Adjusted

|  | 1982 | 1983 |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | IV | I | II | III |
| 1. Compensation per hour of all persons in the business economy other than farm and housing (percent change at annual rate) ${ }^{1}$ | 5.4 | 7.1 | 4.5 | 3.9 |
|  | ${ }^{\text {. }} .4$ | 1.1 | . 3 | . 3 |
| 3. Plus: Contribution of housing and nonprofit institutions | . 1 | -. 3 | -. 3 | -. 1 |
| 4. Less: Contribution of employees of government enterprises and self-employed and unpaid family workers. | . 3 | . 2 | . 1 | . 1 |
| 5. Equals: Wages and salaries per hour of employees in the private nonfarm economy (percent change at annual rate) | 4.8 | 5.5 | 3.7 | 3.4 |
| 6. Less: Contribution of nonproduction workers in manufacturing... | - 2 | -. 3 | -. 5 | -. 3 |
| 7. Less: Contribution of non-BLS data, detailed weighting, and seasonal adjustment | 1.4 | -. 2 | . 5 | . 8 |
| 8. Equals: Average hourly earnings, production and nonsupervisory workers in the private nonfarm economy (percent change at annual rate) | 3.5 | 5.9 | 3.7 | 2.9 |
| ${ }^{r}$ Revised. <br> ${ }^{p}$ Preliminary. |  |  |  |  |

Table 3.-National Defense Purchases of Goods and Services

|  | Seasonally adjusted at annual rates |  |  |  |  |  |  |  |  |  | Percent change from preceding period at annual rates |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Billions of dollars |  |  |  |  | Billions of 1972 dollars |  |  |  |  | Implicit price deflator |  |  |  |  | Fixed-weighted price index |  |  |  |  |
|  | 1982 |  | 1983 |  |  | 1982 |  | 1983 |  |  | 1982 |  | 1983 |  |  | 1982 |  | 1983 |  |  |
|  | III | IV | I | II | III | III | IV | I | II | III | III | IV | I | II | III | III | IV | I | II | III |
| National defense purchases.. | 183.6 | 190.8 | 194.4 | 199.4 | 201.9 | 80.4 | 81.4 | 82.7 | 84.2 | 84.6 | 5.9 | 10.8 | 1.2 | 3.1 | 3.2 | 4.0 | 10.0 | 2.4 | 1.6 | 1.5 |
| Durable goods. | 52.2 | 53.6 | 55.3 | 60.1 | 60.6 | 22.5 | 22.8 | 23.5 | 25.2 | 24.6 | 11.6 | 4.6 | -. 5 | 5.9 | 14.2 | 9.5 | 8.2 | 4.4 | 3.1 | 7.0 |
| Military equipment | 43.0 | 42.9 | 45.5 | 49.8 | 51.0 | 18.1 | 17.7 | 18.9 | 20.4 | 20.1 | 12.4 | 6.5 | -2.4 | 6.0 | 16.2 | 11.0 | 10.0 | 4.2 | 3.3 | 8.7 |
| Aircraft ... | 18.6 | 18.0 | 18.0 78 | 21.1 | 20.5 7 | 7.1 | 6.8 | 6.5 | 7.9 | 7.0 | 26.9 | - 36 | - 25.9 | $-15.5$ | 51.2 3.6 4 | 1.808 78 | 16.9 | 7.6 -6.1 | ${ }_{13.1}^{2.1}$ | 16.7 |
| Ships | 6.1 | 6.1 | 5.8 | 7.3 | 7.1 | 2.5 | 2.4 | 3.6 2.3 | 2.9 | 2.8 | 4.4 <br> 3.6 | 36.7 4.1 | -45.7 | 46.3 3.4 | 3.6 4.1 | $\begin{array}{r}7.8 \\ .8 \\ \hline\end{array}$ | 13.4 6.7 | -6.1 | 13.2 .7 | 1.5 |
| Vehicles... | 3.2 | 3.8 | 3.7 | 4.3 | 4.3 | 1.1 | 1.3 | 1.3 | 1.5 | 1.5 | 6.1 | . 8 | 11.3 | -.8 | 6.4 | 9.7 | -4.4 | 1.0 | 3.0 | 7.7 |
| Electronics equipment | 3.5 | 3.3 | 3.4 | 3.5 | 3.7 | 1.9 | 1.8 | 1.8 | 1.9 | 1.9 | -2.5 | 6.1 | 2.8 | 2.7 | 4.5 | $-.2$ | 2.0 | 3.7 | 1.4 | 5.4 |
| Other ................. | 5.9 | 6.0 | 6.9 | 6.9 | 7.6 | 3.0 | 3.1 | 3.5 | 3.4 | 3.8 | 4.7 | $-1.0$ | 1.2 | 5.2 | 2.2 | 3.1 | 0 | 2.2 | 3.0 | 1.7 |
| Other durable goods. | 9.2 | 10.7 | 9.7 | 10.2 | 9.6 | 4.4 | 5.1 | 4.6 | 4.8 | 4.5 | 2.4 | 3.7 | . 7 | 4.1 | 1.6 | 4.4 | 2.0 | 5.2 | 2.7 | 1.2 |
| Nondurable goods.. | 13.5 | 15.0 | 14.8 | 14.0 | 13.4 | 2.8 | 3.0 | 3.1 | 3.1 | 3.0 | 16.8 | 9.0 | -21.9 | $-14.3$ | $-3.4$ | -2.5 | 1.0 | -16.0 | -14.6 | -8.5 |
| Bulk petroleum products. | 9.5 | 10.6 | 10.1 | 9.5 | 8.8 | 1.1 | 1.2 | 1.2 | 1.2 | 1.1 | -12.0 | 6.6 | -21.0 | $-25.5$ | 3.8 | -5.2 | . 4 | -23.9 | -21.2 | -13.1 |
| Ammunition... | 2.2 | 2.5 | 2.6 | 2.3 | 2.6 | . 8 | . 9 | . 9 | . 9 | . 9 | 14.4 | 12.2 | -1.7 | -8.8 | 11.3 | 10.3 | 6.6 | 10.5 | 1.4 | 1.7 |
| Clothing and textiles. | .7 | . 7 | . 9 | 1.0 | . 9 | . 4 | . 4 | . 5 | . 5 | . 5 | -1.4 | $-2.9$ | 2.4 | . 8 | 7.1 | -. 7 | -. 7 | 0 | 1.3 | 8.8 |
| Other nondurable goods. | 1.1 | 1.2 | 1.2 | 1.1 | 1.1 | . 5 | . 5 | . 5 | . 5 | . 5 | 2.0 | 6.9 | -5.2 | 3.6 | 3.1 | 1.1 | 0 | 4.3 | 3.5 | $-1.0$ |
| Services. | 113.7 | 118.1 | 120.3 | 120.7 | 123.2 | 53.3 | 53.8 | 54.3 | 53.9 | 55.0 | 3.2 | 12.1 | 4.1 | 4.3 | . 2 | 2.7 | 11.8 | 3.7 | 2.5 | . 3 |
| Compensation of employees... | 68.1 | 70.6 | 71.5 | 71.7 | 71.8 | 34.0 | 34.1 | 34.2 | 34.2 | 34.2 | . 8 | 13.9 | 3.6 | . 9 | 1.2 | . 7 | 14.0 | 3.5 | . 9 | 1.2 |
| Military.... | 40.6 | 42.2 | 42.4 | 42.5 | 42.6 | 19.9 | 20.0 | 20.0 | 20.0 | 20.0 | . 4 | 15.5 | 8 | .7 | 1.1 | . 4 | 15.5 | 7 | . 7 | 1.1 |
| Civilian.... | 27.4 | 28.4 | 29.1 | 29.2 | 29.3 | 14.0 | 14.1 | 14.2 | 14.2 | 14.2 | 1.2 | 11.6 | 8.0 | 1.2 | 1.2 | 1.2 | 11.6 | 8.0 | 1.2 | 1.3 |
| Other services.. | 45.6 | 47.5 | 48.8 | 49.0 | 51.3 | 19.3 | 19.7 | 20.1 | 19.7 | 20.8 | 4.4 | 8.8 | 4.4 | 10.3 | -3.3 | 6.7 | 7.7 | 4.1 | 5.7 | -1.6 |
| Contractual research and development. | 14.1 | 14.4 | 16.2 | 15.9 | 16.2 | 5.9 | 5.9 | 6.6 | 6.3 | 6.5 | 9.9 | 7.8 | 3.6 | 9.6 | -2.0 | 9.8 | 12.0 | 2.5 | 6.1 | -1.7 |
| Travel... | 2.9 | 2.7 | 2.4 | 2.6 | 2.6 | 1.2 | 1.1 | 1.0 | 1.1 | 1.1 | -. 2 | 1.4 | -6.4 | 8.0 | -3.6 | -2.0 | 2.8 | -4.5 | 4.3 | $-5.2$ |
| Transportation..... | 3.3 | 3.3 | 3.1 | 3.4 | 3.7 | 1.4 | 1.4 | 1.3 | 1.4 | 1.6 | -1.4 | -2.2 | -2.5 | 5.1 | -21.4 | 1.8 | -3.6 | 1.3 | 8.6 | -17.8 |
| Communications.... | 1.1 | 1.0 | 1.0 | 1.1 | 1.2 | . 6 | . 6 | . 6 | .$^{6}$ | 7 | 4.8 | -9.9 | 25.8 | -5.9 | . 9 | -. 9 | 2.9 | 2.9 | - 5 | . 9 |
| Depot maintenance... | 19.0 | 20.4 | 20.4 | 20.4 | 21.6 | 8.1 | 8.6 | 8.5 | 8.2 | 8.7 | .7 | 7.7 | 2.7 | 14.2 | -1.9 | 6.3 | 7.9 | 6.5 | 4.6 | 2.7 |
| Other ....................... | 5.2 | 5.5 | 5.6 | 5.6 | 6.1 | 2.1 | 2.1 | 3.1 | 2.0 | 2.2 | 5.2 | 31.5 | 18.7 | 10.8 | 0 | 12.4 | 8.9 | 11.4 | 8.9 | 1.9 |
| Structures... | 4.2 | 4.1 | 3.9 | 4.6 | 4.8 | 1.9 | 1.8 | 1.7 | 2.0 | 2.1 | -6.6 | 1.1 | 4.3 | 4.5 | 4.4 | 7.4 | 5.4 | 7.9 | 10.3 | 11.0 |
| Military facilities ...................................... | 2.5 | 2.5 | 2.3 | 2.9 | 3.0 | 1.2 | 1.2 | 1.1 | 1.3 | 1.4 | -8.2 | . 6 | $\frac{1.3}{7}$ | 7.0 | 4.9 | 11.5 | 7.2 | 9.2 | 13.4 | 13.3 |
| Other .............................................................. | 1.7 | 1.6 | 1.6 | 1.7 | 1.7 | 7 | . 7 | . 7 | .7 | . 7 | -3.2 | 3.3 | 7.3 | 3.5 | 5.0 | 0 | 2.0 | 5.4 | 4.3 | 6.6 |
| Total purchases less compensation... | 115.6 | 120.2 | 122.9 | 127.7 | 130.0 | 46.5 | 47.3 | 48.5 | 50.0 | 50.4 | 7.4 | 8.5 | -. 8 | 3.5 | 4.1 | 6.6 | 6.9 | 1.6 | 2.1 | 1.8 |
| Total purchases less compensation and bulk petroleum. | 106.1 | 109.6 | 112.8 | 118.1 | 121.2 | 45.4 | 46.2 | 47.3 | 48.8 | 49.3 | 7.7 | 6.5 | 1.6 | 6.7 | 6.3 | 8.0 | 7.6 | 4.5 | 4.5 | 3.2 |

Source: Government Division, Bureau of Economic Analysis.

## Selected National Income and Product Accounts Tables

New estimates in this issue: Second quarter 1983, revised.
The abbreviations used in the tables are: CCAdj Capital consumption adjustment

$$
\begin{array}{ll}
\text { IVA } & \text { Inventory valuation adjustment } \\
\text { NIPA's } & \text { National income and product accounts } \\
p & \text { Preliminary } \\
r & \text { Revised }
\end{array}
$$

The NIPA estimates for 1929-76 are in The National Income and Product Accounts of the United States, 1929-76: Statistical Tables (Stock No. 003-010-00101-1, price \$10.00). Estimates for 1977-79 and corrections for earlier years are in the July 1982 SURVEY; estimates for 1980-82 and corrections for earlier years are in the July 1983 Survey. These publications are available from the Superintendent of Documents and Commerce Department District Offices; see addresses inside front cover.

Table 1.1-1.2.-Gross National Product in Current and Constant Dollars

|  | Billions of dollars |  |  |  |  |  |  |  | Billions of 1972 dollars |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1981 | 1982 | Seasonally adjusted at annual rates |  |  |  |  |  | 1981 | 1982 | Seasonally adjusted at annual rates |  |  |  |  |  |
|  |  |  | 1982 |  |  | 1983 |  |  |  |  | 1982 |  |  | 1983 |  |  |
|  |  |  | II | III | IV | I | II | $\mathrm{HI}{ }^{\text {r }}$ |  |  | II | III | Iv | 1 | II | III ${ }^{\text {r }}$ |
| Gross national product......... | 2,954.1 | 3,073.0 | 3,070.2 | 3,990.7 | 3,109.6 | 3,171.5 | 3,272.0 | 3,360.3 | 1,513.8 | 1,485.4 | 1,489.3 | 1,485.7 | 1,480.7 | 1,490.1 | 1,525.1 | 1,553.6 |
| Personal consumption expenditures. | 1,857.2 | 1,991.9 | 1,972.8 | 2,008.8 | 2,046.9 | 2,073.0 | 2,147.0 | 2,182.9 | 956.8 | 970.2 | 968.8 | 971.0 | 979.6 | 986.7 | 1,010.6 | 1,018.0 |
| Durable goods Nondurable goods | 236.1 733.9 | 244.5 761.0 | 242.9 | ${ }_{766.6}^{243.4}$ | ${ }_{773.1}^{252.1}$ | ${ }_{777}^{258.5}$ | 277.7 799.6 | 284.5 814.8 | 141.2 362.5 | ${ }_{364.2}^{139.8}$ | 139.5 363.5 | ${ }_{364.7}^{138.2}$ | 143.2 366.0 | ${ }_{368.9}^{145}$ | ${ }_{374.7}^{156.5}$ | ${ }_{378.1}^{158.8}$ |
| Services ....) | 887.1 | 986.4 | 975.2 | 998.9 | 1,021.8 | 1,037.4 | 1,069.7 | 1,083.6 | 453.1 | 466.2 | 465.7 | 468.2 | 470.4 | 472.0 | 479.4 | ${ }^{481.1}$ |
| Gross private domestic investment... | 474.9 | 414.5 | 432.5 | 425.3 | 377.4 | 404.1 | 450.1 | 498.2 | 227.6 | 194.5 | 201.4 | 198.4 | 178.4 | 190.0 | 210.0 | 229.4 |
| Fixed investment. Nonresidential. | 456.5 352.2 | 439.1 348.3 | 443.7 352.7 | 430.2 342.3 | 433.8 337.0 | ${ }_{382.1}^{44.5}$ | 464.6 336.3 | ${ }_{349.6}^{4895}$ | 2179.1 | 203.9 166.1 | 204.9 167.1 | 199.8 163.3 | 201.1 160.5 | 205.4 159.9 | 215.6 163.0 | 225.5 169.3 |
| Nonresidential. Structures. | 352.2 13.4 18.4 | 148.9 14.9 | 354.2 14.2 |  | 338.0 <br> 118.6 | ${ }_{132.9}^{33.1}$ | ${ }_{1236.4}^{336}$ | ${ }_{1}^{349.6}$ | $\begin{array}{r}194.4 \\ 52.5 \\ \hline 1\end{array}$ | 165.1 | 165.1 <br> 54.0 <br> 1 |  | 160.5 55.2 | 159.9 | ${ }^{163.3}$ | 169.3 49.4 |
| Producers' durable equipment | 218.8 | 206.4 | 208.5 | 202.2 | 198.4 | 199.3 | 208.8 | 219.6 | 121.9 | 112.7 | 113.1 | 110.3 | 108.3 | 109.6 | 14.7 | 119.9 |
| Residential | ${ }^{104.3}$ | 90.8 | ${ }_{86} 91.0$ | 88.9 | ${ }_{918}^{96.8}$ | 111.3 | 128.4 | ${ }_{1347}^{1399}$ | 44.7 | 37.8 35.2 | 37.8 35.2 | ${ }_{34.5}^{36.5}$ | 40.6 37.8 | 45.5 43.0 | 52.6 50.0 | ${ }_{53.5}^{56.2}$ |
| Fantirm structures.. | ${ }^{1.3}$ | ${ }^{86.5}$ | ${ }^{1.6}$ | 83.4 <br> 1.3 | ${ }^{91.3}$ | ${ }^{116.3}$ | 12.3 1.5 | ${ }^{134.7}$ |  | ${ }^{35.2}$ | 35.7 | 34.5 | $\begin{array}{r}37.8 \\ \hline 1.9\end{array}$ | 4.5 | 5.6 | 53.6 |
| Producers' durable equipment. | 18.2 | 3.2 | 3.3 | 3.3 | 3.3 | 3.4 | 3.5 | 3.6 | 2.0 | 1.9 | 1.9 | 1.9 | 1.9 | 2.0 | 2.1 | ${ }_{3}^{2.1}$ |
| Change in business inventories...... Nonfarm | 18.5 10.9 | $-24.5$ | ${ }_{-8.8}^{-11.2}$ | - -2.9 | -56.4 | -39.4 -89.0 | -14.5 -10.3 | $\begin{array}{r}8.7 \\ 18.8 \\ \hline\end{array}$ | ${ }_{5}^{8.1}$ | -9.4 -8.6 | - $\begin{array}{r}-3.4 \\ -2.2\end{array}$ | -1.3 | $-22.7$ | -15.4 | -5.4 -3.3 | 3.9 9.9 |
|  | 7.6 | 1.4 | -2.4 | $-2.6$ | $-2.7$ | -. 4 | $-4.2$ | -10.1 | 3.4 | -. 8 | -1.2 | -1.4 | -1.6 | -. 3 | -2.1 | -5.1 |
| Net exports of goods and services........................... | . | . 4 | 33.3 | . 9 | 5.6 | 17.0 | -8.5 | -20.2 | 43.0 | 28.9 | 33.4 | 24.0 | 23.0 | 20.5 | 12.3 | 10.4 |
| Exports. <br> Imports. | ${ }_{342.5}^{368.8}$ | ${ }_{3}^{347.6}$ | ${ }_{331.2}^{364.5}$ | 346.0 345.0 | 321.6 316.1 | 326.9 3099 | ${ }_{335.6}^{327.1}$ | ${ }_{361.3}^{341.1}$ | 159.7 | 147.3 118.4 | 154.5 121.1 | ${ }_{126.4}^{146.4}$ | ${ }_{113.5}^{136.5}$ | 137.3 <br> 116.8 | 123.2 | 140.6 130.2 |
| Government purchases of goods and services...... | 595.7 | 649.2 | 631.6 | 655.7 | 679.7 | 677.4 | 683.4 | 699.4 | 286.5 | 291.8 | 285.8 | 292.2 | 299.7 | 292.9 | 292.1 | 295.8 |
| Federal ................. | 229.2 | 258.7 | 244.1 | 261.7 | 279.2 | 273.5 | 273.7 | 278.9 | 110.4 | 116.6 | 110.3 | 116.9 | 124.4 | 118.4 | ${ }_{18}^{117.6}$ |  |
| National defense Nondefense | 154.0 75.2 | 189.4 79.3 | 175.2 68.9 | 183.6 78.1 | 190.8 88.5 | 194.4 79.1 | 199.4 74.3 | 201.9 77.0 | 173.6 <br> 36.8 | 168.8 37.8 | 77.8 <br> 32.5 | $\begin{array}{r}80.4 \\ 36.5 \\ \hline\end{array}$ | 181.4 43.4 43 | 82.7 35.7 | 118.2 <br> 83.4 <br> 17.4 | 84.6 34.7 |
| State and local.................................................... | 366.5 | 390.5 | 387.5 | 394.0 | 400.5 | 404.0 | 409.7 | 420.6 | 176.1 | 175.2 | 175.4 | 175.3 | 175.2 | 174.5 | 174.5 | 176.5 |

Table 1.3-1.4.-Gross National Product by Major Type of Product in Current and Constant Dollars

| Gross national product. | 2,954.1 | 3,073.0 | 3,070.2 | 3,090.7 | 3,109.6 | 3,171.5 | 3,272.0 | 3,360.3 | 1,513.8 | 1,485.4 | 1,489.3 | 1,485.7 | 1,480.7 | 1,490.1 | 1,525.1 | 1,553.6 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Final sales | 2,935.6 | 3,097.5 | 3,081.4 | 3,095.6 | 3,165.9 | 3,210.9 | 3,286.6 | 3,351.7 | 1,505.3 | 1,494.8 | 1,492.7 | 1,487.0 | 1,503.4 | 1,505.5 | 1,530.5 | 1,549.7 |
| Change in business inventories. | 18.5 | -24.5 | -11.2 | -4.9 | -56.4 | -39.4 | -14.5 | 8.7 | 8.5 | -9.4 | -3.4 | -1.3 | -22.7 | -15.4 | -5.4 | 3.9 |
| Goods. | 1,291.8 | 1,208.9 | 1,290.8 | 1,286.6 | 1,264.8 | 1,292.2 | 1,346.8 | 1,393.1 | 692.6 | 661.6 | 664.6 | 661.6 | 652.1 | 656.9 | 681.8 | 700.7 |
| Final sales. | 1,273.4 | 1,305.4 | 1,302.0 | 1,291.5 | 1,321.2 | 1,331.6 | 1,361.3 | 1,384.4 | 684.1 | 671.0 | 668.1 | 663.0 | 674.8 | 672.3 | 687.2 | 696.8 |
| Change in business inventories.. | 18.5 | $-24.5$ | -11.2 | -4.9 | $-56.4$ | -39.4 | -14.5 | 8.7 | 8.5 | -9.4 | -3.4 | $-1.3$ | $-22.7$ | -15.4 | -5.4 | 3.9 |
| Durable goods | 528.0 | 500.8 | 514.3 | 518.4 | 474.0 | 482.7 | 536.8 | 574.2 | 294.0 | 269.6 | 275.4 | 274.9 | 256.4 | 261.3 | 287.4 | 302.0 |
| Final sales. | 524.3 | 516.3 | 516.8 | 512.0 | 519.0 | 520.9 | 545.7 | 560.1 | 292.5 | 276.1 | 276.5 | 271.6 | 275.3 | 277.0 | 291.1 | 295.7 |
| Change in business inventories | 3.6 7639 | -18.5 | $-2.5$ | 6.4 | -45.0 |  |  | 14.2 8188 | ${ }^{1.6}$ | -68.5 | $-1.1$ | 3.2 | -18.9 | $-15.7$ | $-3.7$ | ${ }_{3} 6.3$ |
| Nondurable goods. | 763.9 | 780.1 | 776.5 | 768.3 | 790.8 | 809.5 | 810.0 | 818.8 | 398.6 | 392.0 | 389.3 | 388.7 | 395.6 | 395.6 | 394.5 | 398.7 |
| Final sales.............................. | 749.1 14.8 | 789.1 -9.1 | 785.2 -8.7 | 779.5 -11.3 | 802.2 -11.4 | 810.6 -1.2 | 815.7 -5.7 | 824.3 -5.5 | 391.7 6.9 | 394.9 -2.9 | 391.6 -2.3 | 391.3 -4.6 | $\begin{array}{r}399.4 \\ -3.8 \\ \hline\end{array}$ | 395.2 .3 | 396.1 -1.7 | 401.1 -2.4 |
| Services... | 1,374.2 | 1,511.1 | 1,496.4 | 1,527.2 | 1,560.5 | 1,588.4 | 1,623.4 | 1,647.3 | 702.7 | 712.2 | 712.8 | 713.9 | 715.0 | 717.8 | 723.0 | 726.3 |
| Structures................................. | 288.0 | 281.0 | 283.0 | 276.9 | 284.3 | 290.9 | 301.9 | 319.9 | 118.5 | 111.6 | 111.9 | 110.2 | 113.6 | 115.4 | 120.3 | 126.5 |
| Addenda: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Gross domestic purchases ${ }^{1}$ | 2,927.8 | 3,055.6 | 3,037.0 | 3,089.8 | 3,104.0 | 3,154.6 | 3,280.5 | 3,380.5 | 1,470.8 | 1,456.5 | 1,455.9 | 1,461.7 | 1,457.7 | 1,469.6 | 1,512.8 | 1,543.2 |
| Final sales to domestic purchasers ${ }^{1}$........................... | 2,909.4 | 3,080.1 | 3,048.2 | 3,094.7 | 3,160.4 | 3,193.9 | 3,295.0 | 3,371.8 | 1,462.3 | 1,465.9 | 1,459.4 | 1,463.0 | 1,480.4 | 1,485.0 | 1,518.3 | 1,539.3 |

1. Gross domestic purchases equals GNP less exports plus imports; final sales to domestic purchasers equals final sales less exports plus imports.

Table 1.5-1.6.-Gross National Product by Sector in Current and Constant Dollars

| Gross national product..... | 2,954.1 | 3,073.0 | 3,070.2 | 3,090.7 | 3,109.6 | 3,171.5 | 3,272.0 | 3,360.3 | 1,513.8 | 1,485.4 | 1,489.3 | 1,485.7 | 1,480.7 | 1,490.1 | 1,525.1 | 1,553.6 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gross domestic product | 2,904.5 | 3,025.7 | 3,020.6 | 3,044.2 | 3,063.5 | 3,127.2 | 3,227.9 | 3,314.6 | 1,488.2 | 1,462.3 | 1,465.0 | 1,463.1 | 1,458.6 | 1,469.2 | 1,504.4 | 1,532.4 |
| Business. | 2,509.0 | 2,594.6 | 2,593.8 | $2,610.1$ | 2,619.1 | 2,675.5 | 2,769.8 | 2,850.2 | 1,285.8 | 1,259.6 | 1,262.1 | 2,260.4 | 1,255.9 | 1,266.1 | 1,301.2 | 1,328.8 |
| Nonfarm. | 2,432.8 | 2,520.0 | 2,521.8 | 2,536.6 | 2,539.1 | 2,601.8 | 2;700.5 | 2,779.5 | 1,247.7 | 1,220.4 | 1,224.0 | 1,223.4 | 1,213.2 | 1,227.5 | 1,265.1 | 1,291.9 |
| Nonfarm less housing. | 2,193.7 | 2,252.6 | 2,258.7 | 2,265.9 | 2,261.0 | 2,317.9 | 2,411.0 | 2,483.8 | 1,110.9 | 1,078.3 | 1,082.7 | 1,080.7 | 1,068.9 | 1,081.9 | 1,118.2 | 1,143.6 |
| Housing... | 239.1 | 267.4 | 263.1 | 270.7 | 278.1 | 284.0 | 289.6 | 295.7 | 136.8 | 142.1 | 141.3 | 142.7 | 144.3 | 145.6 | 146.9 | 148.3 |
| Farm ... | 81.8 | 74.1 | 70.3 | 70.9 | 75.8 | 74.9 | 72.7 | 69.6 | 40.6 | 39.0 | 37.3 | 35.7 | 40.6 | 39.2 | 37.7 | 36.4 |
| Statistical discrepancy. | -4.9 | . 5 | 1.7 | 2.5 | 4.2 | -1.2 | -3.5 | 1.1 | $-2.5$ | 2 | . 8 | 1.2 | 2.0 | -. 6 | -1.6 | . 5 |
| Households and institutions. | 96.2 | 107.0 | 105.6 | 108.5 | 110.8 | 112.2 | 114.1 | 115.6 | 46.4 | 46.7 | 46.6 | 46.8 | 46.9 | 47.1 | 47.3 | 47.6 |
| Private households............ | 7.0 | 7.6 | 7.6 | 7.7 | 7.8 | 8.0 | 8.1 | 8.2 | 3.1 | 3.3 | 3.2 | 3.3 | 3.3 | 3.4 | 3.4 | 3.5 |
| Nonprofit institutions. | 89.2 | 99.4 | 98.0 | 100.8 | 102.9 | 104.2 | 106.0 | 107.3 | 43.3 | 43.4 | 43.4 | 43.5 | 43.5 | 43.7 | 43.9 | 44.1 |
| Government.................... | 299.3 | 324.1 | 321.2 | 325.7 | 3338.7 | 339.5 | 344.1 | 348.8 | 156.0 | 156.1 | 156.3 | 156.0 | 155.8 | 155.9 | 156.0 | 156.0 |
| Federal. | 92.8 | 101.1 | 100.1 | 100.7 | 104.2 | 105.6 | 106.0 | 106.2 | 50.0 | 50.5 | 50.3 | 50.5 | 50.7 | 50.8 | 50.8 | 50.8 |
| State and local | 206.5 | 223.0 | 221.1 | 225.0 | 229.5 | 233.8 | 238.1 | 242.6 | 106.0 | 105.6 | 106.0 | 105.4 | 105.1 | 105.1 | 105.1 | 105.2 |
| Rest of the world Addendum: | 49.6 | 47.3 | 49.6 | 46.6 | 46.0 | 44.3 | 44.1 | 45.8 | 25.6 | 23.1 | 24.3 | 22.6 | 22.1 | 21.0 | 20.7 | 21.3 |
| oss domest | 2,261.7 | 2,318.4 |  |  |  |  |  |  | 1,147.6 | 1,116.2 |  |  |  |  |  |  |

Table 1.13.-Gross Domestic Product of Corporate Business in Current Dollars and Gross Domestic Product of Nonfinancial Corporate Business in Current and Constant Dollars

|  | Billions of dollars |  |  |  |  |  |  |  |  | Billions of dollars |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1981 | 1982 | Seasonally adjusted at annual rates |  |  |  |  |  |  | 1981 | 1982 | Seasonally adjusted at annual ratea |  |  |  |  |  |
|  |  |  | 1982 |  |  | 1983 |  |  |  |  |  | 1982 |  |  | 1983 |  |  |
|  |  |  | II | III | IV | I | II | III ${ }^{\text {r }}$ |  |  |  | II | III | IV | I | II | III ${ }^{\text {r }}$ |
| Gross domestic product of corporate business. | $\begin{array}{r} 1,854.5 \\ 202.9 \end{array}$ | 1,897.1 | $\left.\begin{gathered} 1,898.7 \\ 9.9 \end{gathered} \right\rvert\,$ | 1,909.4 | $\left\|\begin{array}{r} 1,903.2 \\ 2077 \end{array}\right\|$ | $1,954,2$ | $2,036.5$ | $\begin{array}{r} 2,102.9 \\ \hline 9297 \end{array}$ | Net domestic product. Indirect business tax and nontax liability plus business transfer payments less subsidies. Domestic income. | 1,547.7 | 1,566.8 | 1,571.8 | 1,574.5 | 1,559.8 | 1,602.3 | 1,675.7 | 1,737.9 |
| Capital consumption allowances with CCAdj |  |  |  |  |  |  |  |  |  | 176.5 | 179.0 | 177.7 | 179.6 | 182.4 | 186.4 | 197.6 | 201.1 |
| Net domestic product.......... | 1,651.7 | 1,675.1 | 1,678.4 | 1,684.9 | 1,675.4 | 1,725.9 | 1,806.7 | 1,869.8 | Domestic income .............. Compensation of | 1,371.2 | 1,387.8 | 1,394.1 | 1,394,9 | 1,377.4 | 1,415.9 | 1,478.1 | 1,536.8 |
| Indirect business tax and nontax liability plus business transfer pay- |  |  |  |  |  |  |  |  | ployees $\qquad$ Wages and salaries. Supplements $\qquad$ | 1,155.8 | 1,198.6 | $1,199.7$ 998.7 | $\begin{aligned} & 1,205.6 \\ & 1,003.1 \end{aligned}$ | +,201.2 | 1,222.4 | $\begin{aligned} & 1,253.9 \\ & 1,037.2 \end{aligned}$ | $\begin{aligned} & 1,283.8 \\ & 1,060.5 \end{aligned}$ |
| ments less subsidies........ | 184.8 | 187.6 | 186.3 | 188.4 | 191.4 | 195.6 | 207.3 | 211.0 | Supplements to | 189.7 | 201.3 | 201.0 | 202.6 | 203.0 | 210.4 | 216.7 | 223.3 |
| Domestic income... | 1,466.9 | 1,487.5 | 1,492.2 | 1,496.5 | 1,484.0 | 1,530.3 | 1,599.4 | 1,658.8 | IVA and CCAdj ........... | 150.2 | 124.0 | 126.5 | 127.5 | 114.3 | 133.9 | 165.7 | 194.3 |
| Compensation of employees | 1,230.2 | 1,282.2 | 1,282.2 | 1,290.8 | 1,289.2 | 1,313.6 | 1,347.6 | 1,379.2 | Profits before tax........ | 183.0 | 131.5 | 136.6 | 134.4 | 117.9 | 119.7 | 149.0 | 173.9 |
| Wages and salaries...... | 1,027.7 | 1,065.8 | 1,066.3 | 1,072.9 | 1,070.3 | 1,086.9 | 1,114.1 | 1,138.7 | Profits tax liability .. | 65.5 | 41.2 | 43.6 | 42.0 | 33.6 | 41.8 | 55.0 | 64.0 |
| Supplements to | 202.5 | 216.4 |  |  |  |  |  |  | Profits after tax........ | 117.5 53.5 | 90.3 57.2 | 93.0 55.7 | 92.4 58.5 | 84.4 59.2 | 77.9 63.3 | 94.0 65.6 | 109.9 |
| Wages and salaries... | 202.5 | 216.4 | 215.9 | 217.9 | 218.9 | 226.7 | 233.5 | 240.6 | Dividends............. | 53.5 | 57.2 | 55.7 | 58.5 | 59.2 | 63.3 | 65.6 | 63.3 |
| IVA and CCAdj ........... | 168.7 | 143.0 | 145.0 | 147.8 | 137.8 | 161.6 | 197.7 | 225.4 | profits | 64.0 | 33.1 | 37.3 | 33.9 | 25.1 | 14.5 | 28.4 | 46.5 |
| Profits before tax........ | 203.3 | 152.4 | 157.1 | 156.6 | 143.4 | 149.5 | 182.8 | 206.4 | IVA | -23.6 -9.1 | $\begin{array}{r}-8.4 \\ \hline .8\end{array}$ | -8.5 -1.6 | -9.0 2.1 | -10.3 6.7 | $\begin{array}{r}-1.7 \\ \hline 15.9\end{array}$ | $\begin{array}{r}-10.6 \\ \hline 27.3\end{array}$ | -18.6 |
| Profits tax liability .. | 82.8 | 59.2 | ${ }^{61.4}$ | ${ }^{60.8}$ | 54.0 | 61.5 | 76.0 | 85.2 | Net interest..... | 65.2 | 65.2 | 67.9 | 61.8 | 61.9 | 59.7 | 58.6 | 58.7 |
| Profits after tax........ | 120.5 50.3 | 93.2 54.4 | 95.6 53.3 | 95.8 55.5 | 89.4 56.7 | 88.0 60.6 | 106.7 62.9 | 121.2 |  |  |  |  |  |  |  |  |  |
| Undistributed |  |  |  |  |  |  |  | 60.6 |  |  |  |  | ions of 1 | 972 doll |  |  |  |
| IVA ................ | -23.6 | -8.4 | -8.5 | $-9.0$ | -10.3 | $-1.7$ | $-10.6$ | -18.6 |  |  |  |  |  |  |  |  |  |
| CCAdj | - 11.0 | -1.1 | -3.5 |  | 4.7 | 13.9 | 25.6 | 37.6 | Gross domestic prod- |  |  |  |  |  |  |  |  |
| Net interest................... | 68.1 | 62.3 | 65.0 | 58.0 | 57.1 | 55.1 | 54.0 | 54.2 | uct of nonfinancial |  |  |  |  |  |  |  |  |
| Gross domestic product of financial corporate business.. | 114.6 | 120.4 | 118.4 | 122.6 | 128.2 | 136.5 | 144.1 | 145.4 | corporate business.. <br> Capital consumption allowances with CCAdj $\qquad$ | 887.5 93.2 | 857.7 96.8 | 860.5 96.4 | 859.5 97.2 | 846.4 98.2 | 856.0 98.9 | 885.8 99.8 | 909.8 101.1 |
| Gross domestic |  |  |  |  |  |  |  |  |  | 794.3 | 760.9 | 764.1 | 762.3 | 748.2 | 757.2 | 786.0 | 808.7 |
| product of nonfinancial corpo- |  |  |  |  |  |  |  |  | Indirect business tax and nontax liability plus |  |  |  |  |  |  |  |  |
| Capital consumption allow- |  |  |  |  |  |  | 1,892.4 | 1,957.5 | ments less subsidies....... | 95.0 | 94.2 | 94.7 | 94.0 | 93.9 | 96.4 | 97.5 | 99.1 |
| ances with CCAdj .............. | 192.2 | 210.0 | 208.4 | 212.3 | 215.1 | 215.3 | 216.7 | 219.6 | Domestic income......... | 699.3 | 666.6 | 669.5 | 668.3 | 654.3 | 660.8 | 688.4 | 709.6 |

Table 1.11.-National Income by Type of Income

| National income | 2,373.0 | 2,450.4 | 2,448.9 | 2,458.9 | 2,474.0 | 2,528.5 | 2,612.8 | 2,686.6 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Compensation of employ- |  | 1,865.7 | 1,859.9 | 1,879.5 | 1,889.0 | 1,923.7 |  |  |
| Wages and salaries.............. | 1,769.2 | 1,568.1 | 1,563.9 | 1,579.8 | 1,586.0 | 1,610.6 | 1,968.7 | 2,011.9 |
| Government and government enterprises .... | $\begin{array}{r} 284.5 \\ 1,208.8 \end{array}$ | $\begin{array}{r} 306.0 \\ 1,262.1 \end{array}$ | $\begin{array}{r} 303.1 \\ 1,260.8 \end{array}$ | $\begin{array}{r} 307.7 \\ 1,272.1 \end{array}$ | $\begin{array}{r} 314.5 \\ 1,271.5 \end{array}$ | $\begin{array}{r} 319.2 \\ 1,291.5 \end{array}$ | $\begin{array}{r} 323.3 \\ 1,323.8 \end{array}$ | $\begin{array}{r} 328.4 \\ 1,353.2 \end{array}$ |
| Other .. |  |  |  |  |  |  |  |  |
| Supplements to wages and salaries. | 276.0 | 297.6 | 296.0 | 299.7 | 302.9 | 313.1 | 321.6 | 330.3 |
| Employer $\begin{gathered}\text { contribu- } \\ \text { tions for } \\ \text { surance. }\end{gathered}$ social in- | 132.5 | 140.9 | 140.6 | 141.5 | 142.5 | 148.8 | 151.5 |  |
| Other labor income. | 143.5 | 156.6 | 155.4 | 158.2 | 160.4 | 164.3 | 170.1 | 153.9 176.4 |
| Proprietors' income with IVA and CCAdj. | 120.230.5 | 109.021.5 | 104.916.8 | 103.615.8 | 116.2 | 120.622.2 | 127.221.0 | 128.917.8 |
| Farm .............. |  |  |  |  | 26.0 |  |  |  |
| Proprietors' income with IVA................. | 38.4 29.9 25.1 24.2 34.6 30.6 29.4 26.2 |  |  |  |  |  |  |  |
| CCAdj .......... | -8.0 | $\begin{array}{r} 6.8 \\ -8.4 \\ 87.4 \end{array}$ | $-8.3$ | -8.4 | -8.6 | -8.4 | -8.4 | -8.4 |
| Nonfarm. | 89.7 |  | 88.1 | 87.8 | 90.2 | 98.4 | 106.2 | 111.1 |
| Proprietors' income | 90.1 | $\begin{array}{r} 84.2 \\ -.6 \end{array}$ | $\begin{array}{r} 85.3 \\ -.8 \end{array}$ | $\begin{array}{r} 84.5 \\ -.7 \end{array}$ | $\begin{array}{r} 86.0 \\ -8 \end{array}$ | 91.0 | 96.8 | 100.6-1.6 |
| IVA.... | -1.5 |  |  |  |  | 7.6 | -1.1 |  |
| CCAdj | 1.1 | 3.9 | 3.6 | 4.1 | 4.9 |  | 10.5 | 12.2 |
| Rental income of persons with CCAdj $\qquad$ | 41.4 | 49.9 | 49.0 | 50.9 | 52.3 | 54.1 | 54.8 | 53.9 |
| Rental income of persons | $\begin{array}{r} 77.0 \\ -35.6 \end{array}$ | $\begin{array}{r} 86.3 \\ -36.5 \end{array}$ | $\begin{array}{r} 85.7 \\ -36.7 \end{array}$ | $\begin{array}{r} 87.6 \\ -36.7 \end{array}$ | $\begin{array}{r} 87.4 \\ -35.2 \end{array}$ | $\begin{array}{r} 91.6 \\ -37.5 \end{array}$ | $\begin{array}{r} 92.2 \\ -37.4 \end{array}$ | $\begin{array}{r} 94.8 \\ -40.8 \end{array}$ |
| CCAdj ........................ |  |  |  |  |  |  |  |  |
| Corporate profits with IVA and CCAdj | 192.3 | 164.8 | 166.8 | 168.5 | 161.9 | 181.8 | 218.2 | 246.2 |
| Corporate profits with | $\begin{aligned} & 203.3 \\ & 227.0 \end{aligned}$ | $\begin{aligned} & 165.9 \\ & 174.2 \end{aligned}$ | $\begin{aligned} & 170.3 \\ & 178.8 \end{aligned}$ | $\begin{aligned} & 168.3 \\ & 177.3 \end{aligned}$ | $\begin{aligned} & 157.2 \\ & 167.5 \end{aligned}$ | $\begin{aligned} & 168.0 \\ & 169.7 \end{aligned}$ |  |  |
| Profits before tax. |  |  |  |  |  |  | $\begin{aligned} & 192.7 \\ & 203.3 \end{aligned}$ | 208.5 227.2 |
| Profits tax liability .. | $\begin{array}{r} 82.8 \\ 144.1 \end{array}$ | 59.2 | 61.4 | 60.8 | 54.0 | 61.5 | 76.0 | 85.2 |
| Profits after tax... |  | 115.1 | 117.4 | 116.5 | 113.5 | 108.2 | 127.2 72.0 | 141.973.7 |
| Dividends. Undistributed | 64.7 | 68.7 | 67.8 | 68.8 | 70.4 | 71.4 | 72.0 |  |
| profits.... | $\begin{array}{r} 79.5 \\ -23.6 \\ -11.0 \end{array}$ | $\begin{array}{r} 46.4 \\ -8.4 \\ -1.1 \end{array}$ | $\begin{array}{r} 49.5 \\ -8.5 \\ -3.5 \end{array}$ | $\begin{array}{r} 47.7 \\ -9.0 \\ \quad .1 \end{array}$ | 43.1 | 36.7 | 55.2 | 68.2 |
| IVA ... |  |  |  |  | -10.3 | $-1.7$ | $-10.6$ | -18.6 |
| CCAdj |  |  |  |  | 4.7 | 13.9 | 25.6 | 37.6 |
| Net interest. | 249.9 | 261.1 | 268.3 | 256.4 | 254.7 | 248.3 | 243.8 | 245.7 |
| Addenda: <br> Corporate profits after Cax with IVA and |  |  |  |  |  |  |  |  |
| Dividends. | $\begin{array}{r} 109.5 \\ 64.7 \end{array}$ | 105.6 | 105.3 | 107.6 68.8 | 107.9 70.4 | 120.3 | 142.2 72.0 | $\begin{array}{r} 160.9 \\ 73.7 \end{array}$ |
| Undistributed with IVA and CCAdj...... | 44.8 | 37.0 | 37.5 | 38.9 | 37.5 | 48.9 | 70.1 | 87.2 |

Table 1.7.-Relation of Gross National Product, Net National Product, National Income, and Personal Income

|  | Billions of dollars |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1981 | 1982 | Seasonally adjusted at annual rates |  |  |  |  |  |
|  |  |  | 1982 |  |  | 1983 |  |  |
|  |  |  | II | III | IV | I | II | III ${ }^{\text {r }}$ |
| Gross national product......... | 2,954.1 | 3,073.0 | 3,070.2 | 3,090.7 | 3,109.6 | 3,171.5 | 3,272.0 | 3,360.3 |
| Less: |  |  |  |  |  |  |  |  |
| Capital consumption allowances with CCAdj... | 329.5 | 359.2 | 356.1 | 363.0 | 368.3 | 370.8 | 373.3 | 382.5 |
| Capital consumption allowances. | 271.6-57.9 | $\begin{array}{r} 312.6 \\ -46.6 \end{array}$ | 306.7-49.4 | $\begin{array}{r} 317.5 \\ -45.5 \end{array}$ | 329.5-38.8 | - 341.8 | 359.0-14.3 | $\begin{array}{r} 378.5 \\ -4.0 \end{array}$ |
| Less: CCAdj ..................... |  |  |  |  |  |  |  |  |
| Equals: Net national product. | 2,624.6 | 2,713.8 | 2,714.1 | 2,727.7 | 2,741.3 | 2,800.7 | 2,898.7 | 2,977.8 |
| Less: |  |  |  |  |  |  |  |  |
| Indirect business tax and nontax liability. | 250.0 | 258.3 | 256.0 | 259.9 | 264.8 | 270.6 | 285.8 | 291.2 |
| Business transfer pay- ments............................. | 12.9 -4.9 | 14.1 | 14.01.7 | 14.3 2.5 | $\begin{array}{r} 14.7 \\ 4.2 \end{array}$ | 15.0 -1.2 | $\begin{array}{r} 15.3 \\ -35 \end{array}$ |  |
| Statistical discrepancy........ |  | 9.5$2,450.4$ |  | 2.5 |  | -1.2 |  | 15.7 1.1 |
| Plus: Subsidies less current surplus of government enterprises | 6.4 |  | $\begin{array}{r} 6.4 \\ 2,448.9 \end{array}$ | $\begin{array}{r} 8.0 \\ 2,458.9 \end{array}$ | $\begin{array}{r} 16.6 \\ 2,474.0 \end{array}$ | $\begin{array}{r} 12.3 \\ 2,528.5 \end{array}$ | $\begin{array}{r} 11.8 \\ 2,612.8 \end{array}$ | $\begin{array}{r} 16.8 \\ 2,686.6 \end{array}$ |
| Equals: National income ....... | 2,373.0 |  |  |  |  |  |  |  |
| Less: |  | 2,450.4 |  |  |  |  |  |  |
| Corporate profits with IVA and CCAdj | $\begin{aligned} & 192.3 \\ & 249.9 \end{aligned}$ | $\begin{aligned} & 164.8 \\ & 261.1 \end{aligned}$ | $\begin{aligned} & 166.8 \\ & 268.3 \end{aligned}$ | $\begin{aligned} & 168.5 \\ & 256.4 \end{aligned}$ |  |  |  |  |
| Net interest.......... |  |  |  |  | $\begin{aligned} & 161.9 \\ & 254.7 \end{aligned}$ | $\begin{aligned} & 181.8 \\ & 248.3 \end{aligned}$ | $\begin{aligned} & 218.2 \\ & 243.8 \end{aligned}$ | 246.2 245.7 |
| Contributions for social insurance | 237.0.1 | 253.0 | 252.4 | 254.3 | 255.4 | 265.4 | 270.1 | 274.4 |
| Wage accruals less disbursements.. |  | 0 | 0 | 0 | 0 | 0 | $-1.3$ | -. 4 |
| Plus: | . 1 |  |  |  |  |  |  |  |
| Government transfer payments to persons....... |  |  |  |  |  |  |  |  |
| Personal interest income.... | 324.3 341.3 | $\begin{aligned} & 260.4 \\ & 366.2 \end{aligned}$ | $\begin{aligned} & 350.3 \\ & 371.9 \end{aligned}$ | $\begin{aligned} & 366.1 \\ & 364.8 \end{aligned}$ | $\begin{aligned} & 384.3 \\ & 363.1 \end{aligned}$ | $\begin{aligned} & 383.6 \\ & 357.2 \end{aligned}$ | 390.0 357.1 | 386.9 369.0 |
| Personal dividend income.. | 62.812.9 | $\begin{gathered} 66.4 \\ 14.1 \end{gathered}$ | 65.6 | 66.4 | 67.9 | 68.8 | 69.3 | 70.9 |
| Business transfer pay- ments........................... |  |  | 14.0 | 14.3 | 14.7 | 15.0 | 15.3 | 15.7 |
| Equals: Personal income....... | 2,435.0 | 2,578.6 | 2,563.2 | 2,591.3 | 2,632.0 | 2,657.7 | 2,713.6 | 2,763.2 |

Table 2.1.-Personal Income and Its Disposition

|  | Billions of dollars |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1981 | 1982 | Seasonally adjusted at annual rates |  |  |  |  |  |
|  |  |  | 1982 |  |  | 1983 |  |  |
|  |  |  | II | III | IV | I | II | III ${ }^{\text {r }}$ |
| Personal income.... | $\left.\begin{aligned} & 2,435.0 \\ & 1,493.2 \end{aligned} \right\rvert\,$ | 2,578.6 | 2,563.2 | 2,591.3 | 2,632.0 | 2,657.7 | 2,713.6 | 2,763.2 |
| Wage and salary disbursements.. Commodity-producing |  | 1,568.1 | 1,563.8 | $1,579.8$ 508.9 | $1,586.0$ 499.5 | $1,610.7$ 508.6 | 1,648.4 | 1,682.0 |
| Manufacturing... | $385.3$ | $\begin{aligned} & 509.2 \\ & 383.8 \end{aligned}$ | $\begin{aligned} & 513.7 \\ & 386.8 \end{aligned}$ | 384.8 | 499.5 | 508.6 385.4 | 397.4 | 409.1 |
| Distributive industries.... | 361.6 | 378.8 | $\begin{aligned} & 378.1 \\ & 369.1 \end{aligned}$ | 381.9 | 383.5 | 386.4 | 394.3 | 399.1 |
| Service industries ............... | 337.7 | ${ }_{374.1}$ |  | 381.2 | 388.5 | 396.4 | 407.3 | 416.3 |
| Government and government enterprises | 284.4 | 306.0 | 303.0 | 307.7 | 314.5 | 319.2 | 324.6 | 328.8 |
| Other labor income ... | 143.5 | 156.6 | 155.4 | 158.2 | 160.4 | 164.3 | 170.1 | 176.4 |
| Proprietors' income with IVA and CCAdj | 120.230.589.7 | $\begin{array}{r} 109.0 \\ 21.5 \\ 87.4 \end{array}$ | $\begin{array}{r} 104.9 \\ 16.8 \\ 88.1 \end{array}$ | $\begin{array}{r} 103.6 \\ 15.8 \\ 87.8 \end{array}$ | $\begin{array}{r} 116.2 \\ 26.0 \end{array}$ |  |  | 128.917.8117 |
| Farm.............................. |  |  |  |  |  | $\begin{array}{r} 120.6 \\ 22.2 \end{array}$ | 127.2 21.0 |  |
| Nonfarm |  |  |  |  | 90.2 | 98.4 | 106.2 | 111.1 |
| Rental income of persons with CCAdj | $41.4$ | 49.9 | 49.0 | 50.9 | 52.3 | 54.1 | 54.8 | 53.9 |
| Personal dividend income. | 62.8 | 66.4 | 65.6 | 66.4 | 67.9 | 68.8 | 69.3 | 70.9 |
| Personal interest income | 341.3 | 366.2 | 371.9 | 364.8 | 363.1 | 357.2 | 357.1 | 369.0 |
| Transfer payments.................... | 337.2 | 374.5 | 364.2 | 380.4 | 399.0 | 398.5 | 405.3 | 402.7 |
| Old-age, survivors, disability, and health insurance benefits $\qquad$ | 182.0 |  |  |  |  |  |  |  |
| Government unemployment insurance benefits. | 15.616.1 |  |  |  | 32.2 | 29.0 | 30.0 | 22.9 |
| Veterans benefits.... |  | 24.8 16.4 | 16.2 | 24.9 16.3 | 16.6 | 16.9 | 16.6 | 16.6 |
| Government employees retirement benefits | 49.374.2 | 54.274.6 | 54.5 | 55.1 | 55.877.9 | 56.6 | 58.3 | 59.380.0 |
| Other transfer payments.......... |  |  |  | 74.9 |  | 78.7 | 79.3 |  |
| Aid to families with dependent children. | $\begin{aligned} & 13.5 \\ & 60.8 \end{aligned}$ | $\begin{aligned} & 13.4 \\ & 61.2 \end{aligned}$ | $\begin{aligned} & 13.4 \\ & 59.7 \end{aligned}$ | $\begin{aligned} & 13.3 \\ & 61.6 \end{aligned}$ | $\begin{aligned} & 13.5 \\ & 64.3 \end{aligned}$ | 14.164.5 | 14.464.9 | 14.1 |
| Other ............ |  |  |  |  |  |  |  |  |
| Less: Personal contributions for social insurance. | 104.6 | 112.0 | 111.7 | 112.7 | 112.9 | 116.5 | 118.6 | 120.5 |
| Less: Personal tax and nontax payments | 387.4 | 402.1 | 404.2 | 399.8 | 404.1 | 401.8 | 412.6 | 400.1 |
|  | 2,047.6 | 2,176.5 | 2,159.0 | 2,191.5 | 2,227.8 | 2,255.9 | 2,301.0 | 2,363.1 |
| Less: Personal outlays.............. | 1,912.4 | 2,051.1 | 2,031.9 | 2,068.4 | 2,107.0 | 2,134.2 | 2,209.5 | 2,247.6 |
| Personal consumption expenditures | 1,857.2 | 1,991.9 | 1,972.8 | 2,008.8 | 2,046.9 | 2,073.0 | 2,147.0 | 2,182.9 |
| Interest paid by consumers to business. | 54.3 | 58.1 | 57.8 | 58.5 | 59.1 | 60.2 | 61.4 | 63.6 |
| Personal transfer payments to foreigners (net) | . 9 | 1.1 | 1.3 | 1.1 | 1.0 | 1.0 | 1.1 | 1.1 |
| Equals: Personal saving .... | 135.3 | 125.4 | 127.1 | 123.0 | 120.8 | 121.7 | 91.5 | 115.5 |
| Addenda: <br> Disposable personal income: |  |  |  |  |  |  |  |  |
| Total, billions of 1972 dollars | 1,054.7 | 1,060.2 | 1,060.2 | 1,059.3 | 1,066.1 | 1,073.8 | 1,083.0 | 1,102.1 |
| Per capita: Current dollars |  |  |  |  |  |  |  |  |
| Current dollars. | 8,587 4,587 | 4,567 | $\stackrel{4,575}{4,515}$ | 4,558 | 4,562 4,576 | 4,661 | 9,834 4,629 | 10,075 4,699 |
| Population (millions)... | 229,916 | 32,118 | 231,790 | 232,387 | 232,990 | 233,501 | 233,984 | 234,561 |
| Personal saving as percentage of disposable personal income. | 6.6 | 5.8 | 5.9 | 5.6 | 5.4 | 5.4 | 4.0 | 4.9 |

Table 7.7.-Current-Dollar Cost and Profit Per Unit of Constant-Dollar Gross Domestic Product of Nonfinancial Corporate Business

|  | Dollars |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1981 | 1982 | Seasonally adjusted |  |  |  |  |  |
|  |  |  | 1982 |  |  | 1983 |  |  |
|  |  |  | II | III | Iv | I | II | III ${ }^{\text {r }}$ |
| Current-dollar cost and profit per unit of constant-dollar gross domestic product ${ }^{1}$ | $\left.\begin{array}{r} 1.960 \\ .217 \\ 1.744 \end{array} \right\rvert\,$ | 2.072 | 2.069 | 2.079 | 2.097 | 2.123 | 2.136 | 2.152 |
| Capital consumption allowances with CCAdj Net domestic product |  | ${ }_{1.827}^{245}$ | $\xrightarrow{2} 8282$ | ${ }_{1.832}^{247}$ | 1.843 | ${ }_{1.872}^{252}$ | ${ }_{1.892}^{245}$ | . 2.911 |
| Indirect business tax and nontax liability plus business transfer payments less subsidies. | . 199 | . 209 | . 207 | . 209 | 215 | . 218 | 223 | . 221 |
| Domestic income.................. | 1.545 | ${ }_{1}^{1.618}$ | 1.620 | ${ }_{1}^{1.403}$ | 1.61427 | 1.428 | ${ }_{1.416}^{1.669}$ |  |
| Compensation of employees. Corporate profits with | 1.302 | 1.397 | 1.394 | 1.403 | 1.419 | 1.428 | 1.416 | 1.411 |
| IVA and CCAdj.... | . 167 | . 148 | 147 | . 148 | . 135 | . 156 | . 187 | . 214 |
| Profits after tax with IVA and CCAdj.... | . 095 | . 097 | . 096 | . 099 | . 095 | . 108 | . 125 | . 143 |
| Net interest............................................ | . 074 | . 076 | . 079 | . 072 | . 073 | . 070 | . 066 | . 065 |

Table 2.2-2.3.-Personal Consumption Expenditures by Major Type of Product in Current and Constant Dollars

|  | Billions of dollars |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1981 | 1982 | Seasonally adjusted at annual rates |  |  |  |  |  |
|  |  |  | 1982 |  |  | 1983 |  |  |
|  |  |  | II | III | IV | I | II | III |
| Personal consumption expenditures... | 1,857.2 | 1,991.9 | 1,972.8 | 2,008.8 | 2,046.9 | 2,073.0 | $2,147.0$ <br> 277.7 | 2,182.9 |
| Durable goods. | 236.1 | 44.5 | 242.9 | 243.4 | 252.1 | 258.5 |  | 284.5 |
| Motor vehicles and parts. Furniture and household | 101.6 93.3 | 109.9 93.5 | 107.6 93.9 | 109.4 93.5 | 116.1 94.9 | 118.4 97.3 | 138.9 100.8 | 137.3 103.0 |
| Other .................................. | 93.3 41.2 | ${ }_{41.1}^{93.5}$ | ${ }_{41.4}^{93.9}$ | 93.5 40.5 | 94.9 41.0 | 97.3 42.9 | 100.8 43.1 | 44.2 |
| Nondurable goods | 733.9 | 761.0 | 754.7 | 766.6 | 773.0 | 777.1 | 799.6 | 814.8 |
| Food. | 375.9115.3 | 119.0 | 394.7 <br> 19.0 <br> 1 | $\begin{aligned} & 400.4 \\ & 119.2 \end{aligned}$ | 404.5119.6 | 411.7 <br> 120.0 | $\begin{aligned} & 419.6 \\ & 126.4 \end{aligned}$ |  |
| Clothing and shoes |  |  |  |  |  |  |  |  |
| Other nondurable goo | 184.820.71 | 153.520.0 | $\left.\begin{array}{r} 8.9 .6 \\ 151.5 \\ 196 \end{array} \right\rvert\,$ | 195.6 | 91.1 |  | $\begin{gathered} 90.3 \\ 163.3 \end{gathered}$ | ${ }_{2}^{170.1}$ |
| Fuel oil and coal. |  |  |  |  |  |  |  |  |
| Other ............. | 127.4 | 133.5 | 131.9 | $134.8\}$ | 137.7 | 140.4 | 142.1 | 147.0 |
| Services.. | 887.1 | 986.4 | 975.2 | 998.9 | 1,021.8 | 1,037.4 | 1,069.7 | 1,083.6 |
| Housing.... | $\begin{array}{r} 302.0 \\ 12.4 \\ 6.4 \\ 6.1 .6 \\ 65.5 \\ 391.3 \\ \hline \end{array}$ | $\begin{array}{r} 334.1 \\ 144.3 \\ 76.3 \\ 68.0 \\ 689.4 \\ 439.6 \\ \hline \end{array}$ | $\begin{array}{r} 329.7 \\ 14.6 \\ 77.2 \\ 67.4 \\ 68.0 \\ 482.9 \\ \hline \end{array}$ | $\begin{array}{r} 38558 \\ 145.8 \\ 76.2 \\ 699 . \\ 699 \\ 646.8 \\ 446.1 \end{array}$ | $\begin{array}{r} 345.2 \\ 147.1 \\ 7.8 \\ 70.3 \\ 69.2 \\ 460.3 \end{array}$ | 352.6145.974.171.870.1468.8 | $\begin{array}{r} 359.5 \\ 15.4 \\ 82.8 \\ 72.6 \\ 70.9 \\ 483.9 \end{array}$ | $\begin{array}{r}367.2 \\ 156.4 \\ 83.3 \\ 73.1 \\ 71.6 \\ 488.5 \\ \hline\end{array}$ |
| Household 0 |  |  |  |  |  |  |  |  |
| Electricity and gas |  |  |  |  |  |  |  |  |
| Transportation.... |  |  |  |  |  |  |  |  |
| Other......... |  |  |  |  |  |  |  |  |
|  | Billions of 1972 dollars |  |  |  |  |  |  |  |
| Personal consump- tion expenditures... | 956.8 | 970.2 | 968.8 | 971.0 | 979.6 | 986.7 | 1,010.6 | 1,018.0 |
| Durable goods. | 141.2 | 139.8 | 139.5 | 138.2 | 143.2 | 145.8 | 156.5 | 158.8 |
| Motor vehicles and parts. Furniture and household | 56.0 | 57.4 | 56.5 | 56.4 | 60.5 | 60.9 | 69.1 | 70.065.2 |
| equipment. | 61.7 <br> 23.5 | 59.722.7 | 60.122.9 | ${ }_{22.3}^{59.6}$ | 60.2 <br> 22.5 | 61.723.3 |  |  |
| Other. |  |  |  |  |  |  | 23.4 | 6 |
| Nondurable goods. | 362.5 | 364.2 | 363.5 | 364.7 | 366.0 | 368.9 | 374.7 | 378.1 |
| Food. | $\begin{array}{r} 181.8 \\ 8.2 \\ 82.2 \end{array}$ | $\begin{aligned} & 184.0 \\ & 88.4 \\ & 2.4 \\ & 2.6 \end{aligned}$ | $\begin{aligned} & 182.9 \\ & 88.4 \\ & 82.4 \end{aligned}$ | $\begin{gathered} 184.8 \\ 84.1 \end{gathered}$ | $\begin{aligned} & 186.4 \\ & 84.5 \end{aligned}$ | $\begin{array}{r} 188.2 \\ 84.7 \end{array}$ | $\begin{gathered} 189.4 \\ 88.4 \end{gathered}$ | 193.1 |
| Clothing and shoes |  |  |  |  |  |  |  |  |
| Other nondurable goods..... | $\begin{array}{r}72.3 \\ 3.6 \\ \hline\end{array}$ | $\begin{array}{r}70.2 \\ 3.5 \\ \hline\end{array}$ | 70.03.6 | 70.63.76.0 | 70.03.466.6 | $\begin{array}{r}69.7 \\ 3.3 \\ 66.4 \\ \hline\end{array}$ | 70.74.166.6 | 20.372.64.468.2 |
| Fuel oil and coal....... |  |  |  |  |  |  |  |  |
| Other ..................... | 68.7 | 66.6 | 66.5 | 66.9 |  |  |  |  |
| Services | 453.1 | 466.2 | 465.7 | 468.2 | 470.4 | 472.0 | 479.4 | 81 |
| Housing. | 166.7 <br> 63.0 | $\begin{aligned} & 171.3 \\ & 6.3 \\ & 6.5 \end{aligned}$ | $\begin{gathered} 171.0 \\ 6.4 .2 \\ 68.2 \end{gathered}$ | $\begin{array}{r} 171.7 \\ 63.5 \end{array}$ | 172.463.063 | $\begin{gathered} 174.0 \\ 61.9 \end{gathered}$ | ${ }^{175.5} 6$ | 177.0 |
| Household operation. |  |  |  |  |  |  |  | 6.425.339.130.630.6 |
| Electricity and gas.... | 38.8 | $\begin{aligned} & { }^{248.9} \\ & 38.6 \\ & 31.7 \end{aligned}$ | 38.531.9 | 38.832.0 | $\begin{array}{r}39.1 \\ 39.4 \\ 303 \\ \hline\end{array}$ | 39.0 <br> 31.2 | $\begin{aligned} & 3.1 \\ & 31.4 \\ & 3.4 \end{aligned}$ |  |
| Transportation. |  |  |  |  |  |  |  |  |
| Other. | 191.1 | $\begin{array}{r}199.6 \\ \hline 1\end{array}$ | 398.9 198.7 | 201.0 | 203.5 | 304.8 2 | 208.2 | 31.6 <br> 208.1 |

Table 5.1.-Gross Saving and Investment

|  | Billions of dollars |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1981 | 1982 | Seasonally adjusted at annual rates |  |  |  |  |  |
|  |  |  | 1982 |  |  | 1983 |  |  |
|  |  |  | II | III | Iv | 1 | II | III ${ }$ |
| Gross saving | $\begin{aligned} & 483.8 \\ & 509.6 \\ & 135 \end{aligned}$ | 405.8 | 439.5 | 397.9 | 351.3 | 398.5 | 420.6 | 452.0 |
| Gross private saving............. |  | 521.6 | 520.7 127.1 | $524.9$ | $\begin{gathered} 526.6 \\ 108 \\ 108 \end{gathered}$ | 541.5 121.7 | 535.0 91.5 | 585.2 115.5 |
|  | $\begin{array}{r} 44.8 \\ 79.5 \\ -23.6 \\ -11.0 \end{array}$ |  |  |  |  |  |  |  |
| Undistributed profits....... |  | $\begin{array}{r} 37.0 \\ 46.4 \\ -8.4 \\ -8.4 \end{array}$ | $\begin{array}{r} 37.5 \\ 49.5 \\ -8.5 \end{array}$ | 38.9 47.7 | 37.5 <br> 43.1 | 48.9 <br> 36.7 | 70.1 <br> 55.2 <br> 10.6 | 87.268.2-18.6 |
| IVA. |  |  |  | -9.0 | -10.3 | $-1.7$ |  |  |
| CCAdj .................... |  |  | $-3.5$ | 1 | 4.7 | 13.9 | 25.6 | 37.6 |
| Capital consumption allowances with CCAdj: Corporate. $\qquad$ | 2029 |  |  |  |  |  |  |  |
| Noncorporate .................... |  | ${ }_{1372}^{222.0}$ | 220.2 | 224.5 138.5 | 227.7 140.5 | 228.3 142.6 | ${ }_{143.5}^{229.8}$ | ${ }_{149.4}^{233.1}$ |
| Wage accruals less disbursements. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Government surplus or deficit ( ), NIPA's. |  | $\begin{aligned} & -1158 \\ & -147.1 \end{aligned}$ |  |  |  |  |  | $\begin{array}{\|l} -133.3 \\ -188.5 \end{array}$ |
| Federal.,........ | $\begin{array}{r} -26.9 \\ -65.2 \\ 35.3 \\ 3 \end{array}$ |  | $\begin{gathered} -8132 \\ -1132 \\ 390 \end{gathered}$ | $\left.\begin{array}{\|c\|} -127.0 \\ -1583 \end{array} \right\rvert\,$ | $\begin{array}{r} -175.3 \\ -208.2 \\ 32.9 \end{array}$ | $\begin{gathered} -142.9 \\ -183.3 \end{gathered}$ | $\begin{array}{r} -114.4 .1 \\ -566.1 \\ -517 \end{array}$ |  |
| Capital grants received by the United States (net). | 1.1478.9 | $\begin{gathered} 0 \\ 406.2 \end{gathered}$ | $\begin{gathered} 0 \\ 441.3 \end{gathered}$ | 0 | 0 | 0 | 0 | 0 |
| Gross investment...... |  |  |  | 400.5 | 35.5 | 397.4 | 417.1 | 453.0 |
| Gross private domestic investment. | 474.9 | ${ }_{-8.3}^{414.5}$ | ${ }_{8}^{432.5}$ | ${ }_{4}^{425.3}$ | -277.4 |  | ${ }^{450.1}$ |  |
| Net foreign investment ............. |  |  |  |  |  | 404.1 -6.7 |  | ${ }_{-45.2}^{498.2}$ |
| Statistical discrepancy ...... | -4.9 | . 5 | 1.7 | 2.5 | 4.2 | -1.2 | -3.5 | 1.1 |

Table 3.2.-Federal Government Receipts and Expenditures

|  | Billions of dollars |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1981 | 1982 | Seasonally adjusted at annual rates |  |  |  |  |  |
|  |  |  | 1982 |  |  | 1983 |  |  |
|  |  |  | II | III | IV | I | 山 | $\mathrm{III}{ }^{\text {r }}$ |
| Receipts. | 627.0 | 617.4 | 622.2 | 615.2 | 612.6 | 623.3 | 652.6 | 645.6 |
|  |  |  |  |  |  |  |  |  |
| Income taxes............... | 291.4 | $\begin{aligned} & 304.7 \\ & 296.7 \end{aligned}$ | $\begin{aligned} & 308.5 \\ & 300.3 \end{aligned}$ | $\begin{aligned} & 300.6 \\ & 293.0 \end{aligned}$ | $\begin{aligned} & 303.0 \\ & 296.7 \end{aligned}$ | $\begin{aligned} & 297.7 \\ & 291.7 \end{aligned}$ | 297.8 | 280.3 |
| Estate and gift taxes... | 7.0 | 7.6.3 | 8.0.3 | 7.3.3 | 6.0.3 | 5.7.3 | 6.1.3 | 6.3.3 |
| Nontaxes.......................... |  |  |  |  |  |  |  |  |
| Corporate profits tax accruals. $\qquad$ | 67.5 | 46.5 | 48.4 | 47.8 | 42.1 | 48.6 | 59.8 | 66.8 |
| Indirect business tax and nontax accruals. | 56.4 | 48.3 | 47.7 | 47.9 | 48.3 |  |  |  |
| Excise taxes ................... | 41.7 | 32.4 | 31.3 | 31.7 | 32.4 | 48.6 33.3 | 38.6 | 55.6 37.0 |
| Customs duties ................... | 6.1 | 7.3 | 8.7 | 8.4 | 8.3 | 7.5 | 8.9 | 9.88.8 |
| Nontaxes.......................... |  |  | 7.7 | 7.8 | 7.6 | 7.7 | 8.4 |  |
| Contributions for social insurance | 204.5 | 217.9 | 217.6 | 218.9 | 219.3 | 228.5 | 232.6 | 236.2 |
| Expenditures. | 689.2 | 764.4 | 735.4 | 773.5 | 820.9 | 806.6 | 818.7 | 834.1 |
| Purchases of goods and services. | 229.2 | 258.7 | 244.1 | 261.7 | 279.2 | 273.5 | 273.7 | 278.9 |
| National defense... | 154.075.2 | 179.4 | 175.268.9 | 183.6 | 190.888.5 | 194.4 | 199.474.3 | 201.977.0 |
| Nondefense........ |  |  |  | 78.1 |  |  |  |  |
| Transfer payments ... | 286.6280.9 | $\begin{aligned} & 321.1 \\ & 314.8 \end{aligned}$ | $\begin{aligned} & 311.2 \\ & 305.3 \end{aligned}$ | $\begin{aligned} & 30.1 \\ & 325.9 \\ & 320.1 \end{aligned}$ | $\begin{aligned} & 344.8 \\ & 337.2 \end{aligned}$ | $\begin{aligned} & 340.3 \\ & 335.3 \end{aligned}$ | $\begin{aligned} & 347.0 \\ & 341.0 \end{aligned}$ | 343.6337.7 |
| To persons............. |  |  |  |  |  |  |  |  |
| To foreigners..... | 5.7 | 6.3 | $\begin{array}{r} 305.3 \\ 5.9 \end{array}$ | $\begin{array}{r} 320.1 \\ 5.8 \end{array}$ | $\begin{array}{r} 337.2 \\ 7.6 \end{array}$ | $\left.\begin{array}{r} 335.3 \\ 5.0 \end{array}\right\}$ | $341.0$ | 337.7 5.9 |
| Grants-in-aid to State and local governments. |  |  | 885.1 |  | 85.089.1 |  | $\begin{aligned} & 86.7 \\ & 91.8 \end{aligned}$ | 87.2100.7 |
| Net interest paid ................... | $\begin{aligned} & 87.9 \\ & 73.2 \end{aligned}$ | $\begin{array}{r} 83.9 \\ 84.9 \end{array}$ |  | $\begin{aligned} & 83.0 \\ & 88.6 \end{aligned}$ |  | $\begin{aligned} & 85.8 \\ & 88.4 \end{aligned}$ |  |  |
| Interest paid To persons and busi- | $\begin{aligned} & 10.6 \\ & 91.6 \\ & 74.8 \\ & 16.8 \\ & 18.4 \end{aligned}$ | 107.7 | 104.9 | 111.7 | 112.6 | 113.0 | 116.0 | 125.8 |
| ness ............................ |  |  |  |  |  | $\begin{aligned} & 95.4 \\ & 17.6 \end{aligned}$ | $\begin{aligned} & 98.6 \\ & 17.4 \end{aligned}$ | 107.818.025.1 |
| To foreigners.......... |  | $18.2$ | 17.422.5 | 18.9 | $18.8$ |  |  |  |
| Less: Interest received. |  | 22.8 |  | 23.1 | 23.5 | 24.6 | 24.2 |  |
| Subsidies less current surplus of government enterprises. | 12.4 | 15.8 | 12.7 | 14.2 | 22.8 | 18.6 | 18.2 | 23.3 |
| Subsidies................ | 11.8 | 14.9 | 14.1 | 13.5 | 17.9 | 16.4 | 17.7 | 18.8 |
| Less: Current surplus of government enterprises. | -. 6 | -. 8 | 1.4 | -. 8 | -4.9 | -2.3 | -. 5 | -4.5 |
| Less: Wage accruals less disbursements. | . 1 | 0 | 0 | 0 | 0 | 0 | -1.3 | -. 4 |
| Surplus or deficit (-), NIPA's. | -62.2 | -147.1 | -113.2 | -158.3 | -208.2 | -183.3 | -166.1 | -188.5 |
| Social insurance funds......... | $\begin{aligned} & -10.9 \\ & -51.3 \end{aligned}$ | $\begin{array}{\|r\|} \hline-29.0 \\ -118.0 \\ \hline \end{array}$ | $\begin{array}{r} -22.0 \\ -91.2 \end{array}$ | -34.3-124.1 | -43.9-164.3 | -32.0-151.4 | -31.4-134.7 | -26.0-162.6 |
| Other.................................... |  |  |  |  |  |  |  |  |

Table 3.3.-State and Local Government Receipts and Expenditures

| Receipts | 418.1 | 439.1 | 436.8 | 442.8 | 450.7 | 461.7 | 478.7 | 492.6 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Personal tax and nontax | 88.7 | 97.4 | 95.6 | 99.3 | 101.2 | 104.1 | 108.4 | 113.2 |
| Income taxes... | 47.9 | 51.8 | 50.6 | 53.0 | 53.5 | 55.1 | 58.0 | 61.5 |
| Nontaxes....... | 32.3 | 36.4 | 35.8 | 37.0 | 38.1 | 39.3 | 40.4 | 41.6 |
| Other .............. | 8.5 | 9.2 | 9.1 | 9.4 | 9.5 | 9.6 | 9.9 | 10.1 |
| Corporate profits tax accruals. | 15.3 | 12.7 | 13.1 | 13.0 | 11.9 | 12.9 | 16.2 | 18.4 |
| Indirect business tax and nontax accruals | 193.5 | 210.0 | 208.3 | 212.0 | 216.6 | 222.0 | 229.9 | 235.6 |
| Sales taxes.. | 90.4 | 95.5 | 95.0 | 96.5 | 98.0 | 100.4 | 105.0 | 108.0 |
| Property taxes | 75.1 | 85.1 | 83.9 | 86.4 | 88.8 | 91.2 | 93.5 | 95.5 |
| Other ............... | 28.0 | 29.3 | 29.4 | 29.1 | 29.8 | 30.5 | 31.3 | 32.1 |
| Contributions for social insurance. | 32.6 | 35.1 | 34.7 | 35.4 | 36.1 | 36.9 | 37.5 | 38.2 |
| Federal grantg-in-aid............. | 87.9 | 83.9 | 85.1 | 83.0 | 85.0 | 85.8 | 86.7 | 87.2 |
| Expenditures...... | 382.7 | 407.8 | 404.8 | 411.4 | 417.8 | 421.3 | 427.0 | 437.4 |
| Purchases of goods and services. | 366.5 | 390.5 | 387.5 | 394.0 | 400.5 | 404.0 | 409.7 | 420.6 |
| Compensation of employ- | 206.5 | 223.0 | 221.1 | 225.0 | 229.5 | 233.8 | 238.1 | 242.6 |
| Other. | 160.0 | 167.5 | 166.4 | 169.0 | 171.0 | 170.1 | 171.5 | 178.0 |
| Transfer payments to per- | 43.3 | 45.6 | 45.0 | 46.0 | 47.1 | 48.3 | 49.0 | 49.2 |
| Net interest paid ...................................... | -19.3 | -19.8 | -19.2 | -19.9 | -21.1 | -22.0 | -22.5 | $-23.0$ |
| Interest paid.. | 23.8 | 29.9 | 29.5 | 30.6 | 31.5 | 32.3 | 33.3 | 34.3 |
| Less: Interest received | 43.0 | 49.7 | 48.7 | 50.5 | 52.6 | 54.3 | 55.8 | 57.3 |
| Less: Dividends received | 1.9 | 2.3 | 2.2 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 |
| Subsidies less current surplus of government enterprises.. | -6.0 |  | -6.3 | -6.3 | -6.2 |  | -6.4 | -6.5 |
| Subsidies .................................. | . 4 | . 5 | 4 | . 5 | . 5 | . | . 5 | . 5 |
| Less: Current surplus of government enterprises.. | 6.4 | 6.7 | 6.7 | 6.7 | 6.7 | 6.8 | 6.9 | 7.1 |
| Less: Wage accruals less disbursements. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Surplus or deficit ( - ), NIPA's.............. | 35.3 | 31.3 | 32.0 | 31.3 | 32.9 | 40.4 | 51.7 | 55.3 |
| Social insurance funds. | 30.9 | 33.2 | 32.9 | 33.5 | 34.2 | 34.9 | 35.6 | 36.6 |
| Other............. | 4 | -1.9 | 8 | -2.1 | -1.2 | 5.5 | 16.1 | 18.7 |

Table 7.1.-Implicit Price Deflators for Gross National Product

|  | Index numbers, $1972=100$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1981 | 1982 | Seasonally adjusted |  |  |  |  |  |
|  |  |  | 1982 |  |  | 1983 |  |  |
|  |  |  | II | III | IV | I | II | III |
| Gross national product.... | $\begin{aligned} & 195.14 \\ & 194.1 \\ & 167.3 \\ & 202.5 \\ & 195.8 \end{aligned}$ | 206.88 | 206.15 | 208.03 | 210.00 | 212.83 | 214.55 | 216.29 |
| Persanal consumption |  |  |  |  |  |  |  |  |
| Durable goods. |  | ${ }_{174.8}^{205}$ | ${ }_{174.2}$ | ${ }_{176.1}$ | 209.0 | ${ }_{17}^{21.1}$ | ${ }_{172.5}^{212.5}$ | 179.2 |
| Nondurable goods. |  | 209.0 | 207.6 | 210.2 | 211.2 | 210.6 | 213.4 | 215.5 |
| Services. |  | 211.6 | 209.4 | 23.4 | 217.2 | 219.8 | 223.1 | 225.2 |
| Gross private domestic investment. |  |  |  |  |  |  |  |  |
| Fixed investment....... | 208.4 | 215.3 | 216.6 | 215.3 | 215.7 | 215.9 | 215.5 | 217.1 |
| Nonresidential. | 201.9 | 209.7 | 211.1 | 209.6 | 209.9 | 207.7 | 206.3 | 206.5 |
| Structures, | 1254.2 | ${ }^{265.8}$ | 267.1 | ${ }^{264.3}$ | ${ }^{265.4}$ | ${ }^{264.0}$ |  | ${ }^{2633}{ }^{26}$ |
| Producers' durable equipment. | 179.5 | 183.1 | 184.4 | 183.3 | 183.2 | 181.8 | 182.1 | ${ }^{183.2}$ |
| Residential.... | ${ }_{237}^{233.5}$ | 240.2 | 24.9 | ${ }^{240.9}$ | 238.4 | 24.9 | 243.9 |  |
| Nonfarm structures. |  | 244.0 |  |  |  |  |  |  |
| Farm structures ${ }_{\text {Producers }}$ durable equipment. | 1593 | 245.9 168.7 | ${ }^{2468.5}$ | 242.4 | ${ }_{171.1}^{249}$ | ${ }^{24812}$ | ${ }^{2491.5}$ | ${ }_{172.6}^{251.9}$ |
| Producers' durable equipment <br> Change in business inventories.. |  |  |  |  |  |  |  | 172.6 |
| Net exports of goods andservices |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | 293.4 | 278.9 | 273.6 | 281.8 | 278.5 | 265.4 | 270.7 | 277. |
| Government purchases of <br> goods and services ..f   |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| National defense...... | 209.3 | 222.7 | 225.1 | ${ }_{228.3}^{223.8}$ | 234.3 | 234.9 | ${ }_{236.7}^{232.7}$ | ${ }_{238.6}^{233.7}$ |
| Nondefense...................................... | 204.5 | 210.0 | 212.3 | 213.9 | 205.7 | 221.7 | 222.6 | ${ }^{221.6}$ |
| State and local.. | 208.1 | 222.9 | 220.9 | 224.7 | 228.5 | 231.6 | 234.8 | 238.3 |

Table 7.2.-Fixed-Weighted Price Indexes for Gross National Product, 1972 Weights

|  | Index numbers, 1972 $=100$ |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1981 | 1982 | Seasonally adjusted |  |  |  |  |  |
|  |  |  | 1982 |  |  | 1983 |  |  |
|  |  |  | II | III | IV | I | II | III ${ }^{\text {r }}$ |
| Gross national product | 201.8 | 214.7 | 213.1 | 216.2 | 218.7 | 220.6 | 222.9 | 225.3 |
| Personal consumption expenditures. $\qquad$ | 201.6 | 213.2 | 211.3 | 214.7 | 217.4 | 218.3 | 220.9 | 223.1 |
| Durable goods... | 172.6 | 181.2 | 180.8 | 182.3 | 182.9 | 183.9 | 184.8 | 186.6 |
| Nondurable goods | 212.7 | 219.0 | 217.0 | 220.1 | 221.7 | 220.0 | 222.7 | 224.4 |
| Services................ | 201.5 | 218.9 | 216.4 | 220.8 | 225.3 | 228.5 | 231.6 | 234.3 |
| Gross private domestic investment |  |  |  |  |  |  |  |  |
| Fixed investment | 221.1 | 231.5 | 231.5 | 232.8 | 232.5 | 235.6 | 235.2 | 237.4 |
| Nonresidential | 213.7 | 225.7 | 225.2 | 227.2 | 228.6 | 229.9 | 230.1 | 230.9 |
| Structures... | 236.6 | 246.2 | 246.1 | 246.9 | 248.2 | 248.1 | 247.5 | 248.4 |
| Producers' durable equipment .. | 200.6 | 214.0 | 213.2 | 215.9 | 217.4 | 219.4 | 220.1 | 220.8 |
| Residential........................... | 235.0 | 242.4 | 243.4 | 243.3 | 240.0 | 246.5 | 244.9 | 249.7 |
| Net exports of goods and services. |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Exports.... | 238.3 | 244.1 | 244.8 | 244.2 | 243.9 | 245.8 |  |  |
| Imports...... | 319.4 | 309.4 | 309.1 | 306.7 | 306.1 | 303.2 | 298.2 | 299.3 |
|  |  |  |  |  |  |  |  |  |
| Federal. | 215.0 | 230.6 | 228.8 | 230.8 | 235.6 | 237.0 | 236.2 | 238.6 |
| National defense. | 220.1 | 236.7 | 234.9 | 236.6 | 241.9 | 242.9 | 241.8 | 244.6 |
| Nondefense.......... | 201.7 | ${ }_{223.6}^{215.0}$ | 213.0 2219 | ${ }_{225}^{215.8}$ | ${ }_{228}^{219.7}$ | ${ }_{2315}^{221.7}$ | ${ }_{234.5}^{221.9}$ | 223.3 2379 |
| State and |  |  |  | 22.3 | 22.6 |  |  | 237.9 |
| Addenda: |  |  |  |  |  |  |  |  |
| Gross domestic purchases ${ }^{1}$. | 207.0 | 218.9 | 217.3 | 220.2 | 222.7 | 224.3 | 226.1 | 228.5 |
| Final sales ...................... | 201.8 | 214.7 | 213.1 | 216.3 | 218.8 | 220.6 | 222.9 | 225.4 |
| Final sales to domestic purchasers ${ }^{1}$. $\qquad$ | 207.0 | 218.9 | 217.3 | 220.3 | 222.8 | 224.3 | 226.2 | 228.6 |
| Personal consumption expenditures, food. $\qquad$ | 208.8 | 217.3 | 217.5 | 218.2 | 218.4 | 219.5 | 222.3 | 221.6 |
| Personal consumption expenditures, energy | 358.6 | 363.7 | 351.6 | 366.8 | 374.9 | 357.0 | 362.9 | 370.4 |
| Other personal consumption expenditures. | 185.2 | 198.1 | 196.5 | 199.7 | 202.6 | 205.1 | 207.4 | 209.9 |
| Gross domestic product $\qquad$ <br> Business <br> Nonfarm | 201.8 | 214.7 | 213.2 | 216.3 | 218.8 | 220.6 | 223.0 | 225.4 |
|  | 203.0 | 215.2 | 213.8 | 216.8 | 218.8 | 220.8 | 223.0 | 225.4 |
|  |  |  |  |  |  |  |  |  |

Table 7.1-7.2:

1. Gross domestic purchases equals GNP less exports plus imports; final saies to domestic pur-
chasers equals final sales less exports plus imports.

Table 8.1.-Percent Change From Preceding Period in Gross National Product in Current and Constant Dollars, Implicit Price Deflator, and Price Indexes


Nore.-The implicit price deflator for GNP is a weighted average of the detailed price indexes
used in the deflation of GNP. In each period, the weights are based on the composition of constant-dollar output in that period. In other words, the price index for each item (1972=100) is weighted by the ratio of the quantity of the item valued in 1972 prices to the total output in
1972 prices. Changes in the implicit price deflator reflect both changes in prices and changes in

[^4]
# Implicit Price Deflators for Military Construction 

DEVELOPMENT of reliable price indexes for construction is a longstanding problem. This article describes recent work in this area that was part of a major project to develop price indexes for national defense purchases. This project, started in the mid-1970's by BEA in cooperation with the Department of Defense (DOD), developed price indexes at a detailed level using data provided by DOD. ${ }^{1}$

In 1980, BEA began showing detail for national defense purchases for the period beginning in 1972. (See, for example in the July 1983 Survey of Current Business, tables 3.9 (current dollars), 3.10 (constant dollars), and 7.15 (implicit price deflators).) Purchases of structures are shown with a two-way breakdown: military facilities and other. ${ }^{2}$ The military facilities component, the subject of this article and hereafter referred to as "military construction," consists of the facilities built to assist, enhance, or house the activities that are required by the military services to accomplish their mission. These facilities, which account for about $11 / 2$ percent of national defense purchases, are heterogeneous. They range from office buildings and laboratories, which have pri-vate-sector counterparts, to specialized training facilities and ammunition storage igloos, which are unique to the military services. Also, they range in complexity from missile production and maintenance facilities to common lumber storage sheds.

National defense purchases of structures, like other structures com-

[^5]ponents in the national income and product accounts (NIPA's), consist of new construction, on a put-in-place basis, and net purchases of existing structures. In recent years, net purchases of existing structures have accounted for a negligible part of the total. Construction done by DOD employees (force account construction) and DOD purchases of construction materials are not included in purchases of structures; they appear in other national defense components. Because most military construction is done under long-term, firm fixed-price contracts, the put-in-place value will reflect the expected prices of construction material and labor at the time the contract was negotiated and not necessarily the current market prices.
Table 1 shows dollar amounts for selected components of military construction in 1972-82. In most years, troop housing accounts for the largest or second largest amount. With more variation from year to year, training facilities, hospitals and infirmaries, administration buildings, and production facilities account for substantial amounts. The variations in composition reflect-although with a lag because they are on a put-in-place basis-the changes in requirements as evidenced in the annual military construction appropriation. Particularly noticeable are the considerable changes in construction of troop housing, ammunition facilities, and missile system facilities.

## Construction prices

Price indexes for the various types of construction not only contribute to the measurement of overall price changes in the economy, but also are needed to prepare constant-dollar estimates of construction and estimates
of the value of the stock of structures. The derivation of appropriate price indexes for construction is difficult. A summary of the difficulties appeared in the August 1974 issue of the Survey, following a comprehensive examination by BEA and the Bureau of the Census of construction price information.
"The preparation of good prices indexes for the various types of construction is extremely difficult. The essence of price measurement is that a time series of price observations be obtained for products of the same specifications. This is easily done for homogeneous products (coal, sugar, wheat), but the output of construction is one of the most heterogeneous that must be faced in price measurement. Houses are rarely built with the same specifications for more than a year or two; factories, office buildings, and shopping centers are almost never built twice with the same specifications. Hence, the proper measurement of price change in construction is at the 'frontier' and requires special techniques not normally used in preparing price indexes." ${ }^{3}$

Difficulties in the development of price indexes for military construction are exacerbated by the particularly rapid-even abrupt-changes in its composition by type of structure and by the lack of similarity between many military structures and structures built in the private sector.

The 1974 Survey article listed six criteria that were developed as part of the comprehensive review to serve as guides in selecting appropriate price indexes. These criteria were used in the development of the military construction price indexes discussed later.

[^6]Table 1.—Military Construction, by Type of Facility, 1972-82
[Millions of dollars]

|  | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Military construction ${ }^{1}$...... | 970 | 1192 | 1253 | 1693 | 1559 | 1595 | 1644 | 1667 | 2138 | 1960 | 2323 |
| Troop housing. | 185 | 239 | 249 | 342 | 185 | 59 | 107 | 191 | 211 | 375 | 402 |
| Hospitals and infirmaries... | 70 | 83 | 58 | 68 | 101 | 86 | 84 | 103 | 99 | 111 | 121 |
| Production facilities ............. | 33 | 36 | 25 | 25 | 28 | 31 | 51 | 115 | 190 | 209 | 190 |
| Maintenance facilities | 41 | 36 | 60 | 70 | 42 | 60 | 65 | 67 | 58 | 71 | 93 |
| Training facilities ...................................................................................... | 40 | 48 | 69 | 70 | 64 | 134 | 110 | 221 | 92 | 99 | 196 |
| Administration buildings .......................................................................................................... | 29 | 54 | 55 | 30 | 34 | 75 | 70 | 159 | 151 | 209 | 167 |
| Roads and streets. | 18 | 11 | 12 | 15 | 8 | 10 | 10 | 67 | 39 | 21 | 21 |
| Airport runways... | 34 | 21 | 14 | 30 | 17 | 27 | 48 | 32 | 15 | 34 | 58 |
| Missile system facilities ..................................................... | 5 | 4 | 2 | 4 | 8 | 11 | 7 | 39 | 117 | 99 | 69 |
| Electronic and communication facilities ... | 14 | 11 | 10 | 11 | 10 | 23 | 25 | 47 | 61 | 84 | 93 |
| Ammunition facilities ................................................................................ | 4 | 5 | 8 | 12 | 26 | 61 | 68 | 59 | 136 | 40 | 33 |
| Research and development buildings ......................................... | 24 | 19 | 18 | 24 | 56 | 184 | 61 | 25 | 41 | 52 | 59 |
| Warehouses. | 15 | 18 | 21 | 31 | 19 | 13 | 44 | 63 | 110 | 111 | 72 |
| Other ${ }^{2}$. | 458 | 607 | 652 | 961 | 961 | 821 | 894 | 479 | 818 | 445 | 749 |

1. This total is the "military facilities". component of structures in Table 3.9 of the National Income and Product Accounts in the July 1983 Survey of Current Business. 2. Includes airfield structures, laboratories, recreational buildings, religious facilities, fuel supply facilities, and other miscellaneous construction.

- "The indexes should represent, as nearly as possible, actual prices paid for the actual products of construction that they are being used to deflate.
- The indexes should be based on data from scientific samples.
- Government agencies should compile the indexes and have the details of the procedures available for review. Where no appropriate Government-compiled index exists, details of the privately compiled index should be readily available.
- The indexes should be available with reasonably good frequency and timing.
- The indexes should represent national price trends.
- The indexes should measure construction with fixed specifications. If the specifications change, the indexes should be adjusted to eliminate the effect of the change."


## Index development

The development of the price indexes for military construction was done in three phases: review of existing price indexes, with the conclusion that none were suitable; testing of alternative types of new price indexes, with the conclusion that an output price index was the only type for which the data available were usable; and preparation of the output price index.

Review of existing price indexes.Some of the available construction price indexes-for example, the Engi-
neering News Record (ENR) Building Cost Index-are weighted input price indexes. The ENR index measures price change for certain inputs to construction, such as materials (lumber, concrete and steel) and labor (wage rates for carpenters, bricklayers and ironworkers) rather than prices of outputs. As is typical of input price indexes, it does not allow for changes in the productivity of labor, changes in the composition of materials used, or other technological change. Further, it does not include costs other than materials and labor-for example, shipping costs, overhead, or profit. If price changes for these costs do not move the same way as the measured prices, input price indexes may not accurately reflect the output price of construction. There is no reason to assume that these prices will move the same way and, therefore, this type of index was rejected.

Other types of available construction price indexes, while appropriate for the deflation of private or other government purchases of new construction, were found to be inappropriate for deflation of military construction. Some of these indexes, such as the Federal Energy Regulatory Commission Pipeline Cost Index, were for a type of construction not purchased by the military. In other cases, the indexes reviewed might be considered satisfactory for certain categories of military construction, but these indexes were rejected when an alternative was found that applied specifically to military construction. Following is a brief description of a few of the
most popular construction price indexes and the reason for rejecting them.

1. The Boeckh Index for commercial and factory buildings is a fixedweighted index of actual material and labor prices paid by contractors in 20 cities in the United States. It includes overhead costs, sales taxes, insurance costs, social security costs, and profits. It may have applicability to the small number of these types of buildings built by the military, and could have been used if an alternative were not available.
2. The Turner Index is based on the construction of a hypothetical 40 -story structural steel office building with fixed specifications. It is a modified fixed-weighted index using prices for materials, labor rates, construction loan interest, overhead, and profit. It takes into account changes in productivity and materials. This index was rejected because the techniques used for constructing structures of this height are not applicable to any known military construction projects.
3. The Federal Highway Administration Composite Index is a national construction cost index that measures cost changes for furnishing and installing fixed quantities of excavation, concrete and bituminous paving, structural concrete, reinforcing steel, and structural steel for a composite mile of highway construction. Like the Boeckh Index, it may have applicability to a small part of military construction and could have been used if an alternative were not available.

Testing of alternative types of new price indexes.-Development of new price indexes seemed to be the only option open. Three types of indexes were examined: an input price index, a hedonic price index, and an output price index. For reasons explained below, the data available did not support the preparation of either a comprehensive input price index or a hedonic price index. In contrast, the data required to support the preparation of an output price index did seem to be available.

A comprehensive input price index is one that-unlike the ENR index but like the Turner Index-would include all inputs to construction, including overhead and profit. The approach that was explored would have drawn upon the documents that contractors are required to submit to DOD for approval. The documents list the quantity and type of materials, unit price, labor hours, wage rates, and other costs. Construction components include items such as painting, drywall finishing, flooring, and roofing. However, review of a substantial number of these documents indicated that the prices listed may not have been those that were actually paid by the contractor, that labor hours were estimated, and, most importantly, not all of the contractors submitted these documents after the contract was awarded.

A hedonic price index is one that calculates the price of a typical good by a multiple regression technique. Regression equations are applied to the price-determining characteristics of a good and its total price. Thus, given the implicit price paid by the purchaser for each of the characteristics, a current price for a fixed set of characteristics can be estimated. Such an index requires comparison of a large number of observations of similar items in one period with a large number of similar items in the base period. Because of the sharp changes in the composition of military construction projects, a sufficient number of observations for any specific type of structure was not available over the necessary period of time.

Preparation of the output price index.-Based on type of use and other characteristics, DOD maintains a very detailed list of categories for the construction it purchases, and
each construction project is assigned a category code from this list. Further, for each of these categories, DOD maintains performance specifications. Such specifications relate, for example, for troop housing, to the number of occupants per bathroom and the permissible levels of noise transmission, rather than to whether walls are constructed of lath and plaster or of gypsum board. As a result, the builder of each project is able to bid and use the least costly alternatives for materials, installation, and construction that meet the performance specifications for the finished project. Some variation among individual projects in the same construction category may be allowed. In troop housing, for example, there can be differences in the placement of the bathrooms, in the type of roofing, or in type of curtain walls. The variation must not, however, affect compliance with the performance specifications for that category.

Accordingly, it was possible to use the construction category data, because, with some adjustments to be described, they met the requirement for specification pricing: that the unit being priced have fixed characteristics. The price per physical unit (for example, the price per square foot of troop housing or per cubic yard of runway) was used as the appropriate price. The resulting price index then reflects changes in productivity, capital or labor substitution, profit margins, overhead costs, and regional labor rates.

Among the approximately 850 construction category codes used by DOD, some had not been used and others had very few entries. Of the total, 181 category codes, which encompass approximately 90 percent of the annual purchases of construction, were selected for use in price specification.

The data required to calculate the price index are available from the construction contract and are supplied to BEA on DOD's DD813 reports. An initial report is required by DOD from its contracting offices within 40 days after the award of the contract for the project and a final report is required within 60 days after acceptance of the facility by DOD. ${ }^{4}$

[^7]The DD813 lists the title of the project; the category code; where the facility is built; the date of contract award; the construction period in days or the completion date; the size of the facility in square feet, barrels, or cubic yards; and dollar cost, separately for the facility, planning (architect/engineer costs), support facilities, and contingencies.

For most categories, there are a large number of observations available each year. However, because of the changes in composition in the military construction programs, the number of yearly observations for a particular category is not consistent. In some cases, gaps occur when no construction in a category occurs for a period of several years. In other cases, the construction program was expanded rapidly, and a large number of projects in specific categories were built. Two examples of the latter resulted from the introduction of the all-volunteer Army and the introduction of new missiles into the inventory. The all-volunteer Army was accompanied by new types of housingmore private rooms instead of open barracks. The introduction of new missiles required a large increase in missile assembly, maintenance, and storage facilities.

Performance specifications for a given category may, of course, change over time. For example, for troop housing, the specification might change from communal baths on each floor to private baths for each room. Under DOD procedures, a significant change in specification must be approved at the headquarters level in Washington, D.C. and concurrence obtained from the appropriate Assistant Secretary of Defense. For any specification change that this procedure signals, an estimate of the cost impact of the change is made by DOD, and that is used by BEA to adjust the unit price. For major specification changes, a new category code is assigned by DOD and the series is linked by BEA into the data base. For example, the policy of training Army Reserve units as an integral part of the Regular Army resulted in the need for a different type of troop, housing. These "summer barracks" have much more austere specifica-tions-for example, no heating or air conditioning-than regular barracks.

The new category for "summer barracks" was linked into the troop housing facility class by BEA.
The unit price used to calculate the index for each construction category is the dollars per square foot (or other unit measure) for a given project. Planning, support facilities, and contingencies are not included in the unit price. Computer programs were developed for data entry and correction, allocation of the total cost throughout the construction period, calculation of the price in the base year (in this case, 1972), and aggregation of the category price indexes. The category price indexes are aggregated to facilities, by type, and to total military construction using current-period weights. This procedure yields implicit price deflators (table 2). ${ }^{5}$ (Alternatively, the category indexes may be aggregated using fixed weights. This procedure was used, with 1977 weights, to prepare the fixed-weighted price indexes for purchases of structures introduced in "National Defense Purchases: Detailed Quarterly Estimates, 1977-82" in the November 1982 Survey. Further work on fixedweighted price indexes, including extension of the indexes to years before 1977, is planned.)

The price indexes for military construction meet all six criteria listed earlier:

- Initial data received give the contract price for construction of the

[^8]Table. 2-Implicit Price Deflators for Military Construction, 1972-82

| Year | 1972=100 |
| :---: | :---: |
| 1972. | 100.0 |
|  | 115.2 |
|  | ${ }_{143.6}^{130.7}$ |
| 1976 |  |
| 1977 ....-*) | 150 |
| 1979 (........................................... | 159.6 |
|  | 183.4 |
| 1980 |  |
|  | ${ }_{217}^{218.0}$ |
|  | 217.7 |

facility. When the final construction report is received, the data are corrected to show the actual price paid by the government.

- Universe pricing, rather than scientific sampling, was used. The universe pricing is based on the system of mandatory reporting of construction data to DOD. For recent years, about 90 percent of these data have been incorporated by BEA into the price indexes; the percentage is lower for earlier years.
- The indexes are prepared by BEA. This article serves to describe the broad outlines of the procedure, and a detailed methodological statement is available from BEA.
- The indexes are available quarterly.
- The universe of domestic military construction is included.
- As described, construction categories meet the requirement of fixed specifications. When specifications change, adjustments are made to eliminate the effect of the change.


## Results

Table 3 shows price indexes for selected military construction categories. The price for construction of troop housing increased slightly more rapidly than did the price for total military construction over the 197282 period. Within troop housing, the price for construction of Navy enlisted quarters increased faster than that for Army enlisted quarters-148 percent compared with 138 percent. The difference in the rate of increase may be attributed to geographic influences. Navy facilities generally are constructed in urban coastal areas and Army facilities are constructed in more rural areas. In general, construction costs have risen faster in urban areas. The price for constructing Navy quarters, after declining for a few years, turned up sharply in 1979. The price of Army quarters, which had also been declining, did not turn up until 1980. Several projects were started in those years, as other projects, at lower prices, were being completed. This combination caused prices to rise sharply-23 percent for Navy quarters in 1979 and 58 percent for Army quarters in 1980.
The price for construction of military hospitals increased from 1972 through 1975 at an average annual rate of $91 / 2$ percent. After 1975, the price of hospital construction varied some-particulary in 1978-but the 1979 price differed little from the 1975 price. Then, from 1979 to 1982, the price increased at an average annual rate of 12 percent. Similar to troop housing, several major proj-ects-which can take from 3 to 6 years-were started in the early

Table 3.-Price Indexes for Selected Military Construction Categories, 1972-82
$[1972=100]$

| Year | Troop housing |  | Hospitals and infirmaries |  | Maintenance facilities |  | Training facilities |  | Ammunition facilities |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Bachelor enlisted quarters, Army $(.0185)^{1}$ | Bachelor enlisted quarters, Navy (.0341) | Hospitals (.0340) | $\begin{gathered} \text { Dental clinics } \\ (.0022) \end{gathered}$ | Military reserve maintenance shops (0014) shops (.0014) | Tactical equipment maintenance shops $(0121)$ shops (. 0121 ) | $\begin{gathered} \text { Applied } \\ \text { instruction } \\ \text { buildings }(.0095) \end{gathered}$ | Reserve training centers (.0095) | Guided missile magazines (.0052) |
| 1972.... | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| $1974 \ldots \ldots \ldots \ldots \ldots \ldots \ldots$ | 129.0 | 1126.9 | 118.2 | 1135.4 | 139.9 19.8 | 121.7 | 151.2 | 135.9 | 164.6 |
| 1975....- | 147.9 | 154.1 | 168.9 | 136.4 | 167 | 154.7 | 157.6 1630 | 138.1 | 166.8 209.8 |
| ${ }_{1977}^{1976}$ - | ${ }_{147.9}^{152.2}$ | 143.7 | ${ }_{163.6}^{169.2}$ | 146.7 | 155.0 | 169.9 | 176.9 | 135.6 |  |
| 1978........................... | 141.3 | 139.2 | 150.5 | 170.7 | 139.5 | 186.3 | 192.5 | 130.6 |  |
|  | 140.7 | 171.5 | 167.2 | 197.0 | 179.5 | 239.1 | 234.6 | 143.7 | 367.5 |
| 1980............................. | 222.4 | 193.3 | 215.2 | 221.6 | 221.4 | 277.8 | 259.7 | 187.8 | 373.0 |
| 1981........................ | 227.5 | 250.5 | 224.5 | 268.5 | 203.8 | 317.9 | 262.7 | 189.3 | 360.4 |
| 1982...................... | 237.6 | 248.1 | 234.3 | 283.3 | 163.8 | 326.8 | 262.4 | 176.0 |  |

Note.-Each type of facility shown includes categories other than those shown.

1. The 1982 weight of each category, expressed as a decimal, in total military construction.

1970's as lower priced projects were completed; this combination caused prices to increase sharply in the early 1970's. Few new hospitals were begun after 1975 and the price of construction was relatively flat until 1980, when new hospital construction again picked up.

The price change for construction of dental clinics did not approach that of hospitals until 1978, when the price index for dental clinics was $131 / 2$ percent higher than that for hopitals. The price of dental clinics continued to accelerate and by 1982, the price index was 21 percent higher than for hospitals.

The price for construction of reserve maintenance shops increased more rapidly than that for tactical equipment maintenance shops in the 1972-76 period-at an average annual rate of $17 \frac{1}{2}$ percent compared with $131 / 2$ percent. After 1976, the change in the price for reserve maintenance shops was somewhat erratic, and by 1982, the price index was 14 percent below the index in 1976. However, the price for tactical equipment maintenance shops continued to increase at about the same pace as in the early 1970 's, and by 1982 the price index was nearly double the index in 1976.

The price for construction of applied instruction buildings increased continuously, at an average annual rate of 10 percent over the 1972-82 period. Prices increased more rapidly, however, in the first half of the period-at an annual rate of 12 per-cent-than in the second half-at a rate of 8 percent. In contrast, the price for construction of reserve training centers, although increasing over the entire period at an annual rate of about 6 percent, did show some declines. Two factors may explain the difference in the rate of change in the two indexes: geographic location and complexity of the type of structure. Applied instruction buildings are generally constructed in urban areas and
reserve training centers are generally constructed outside urban areas. As stated earlier, in general, construction costs have risen faster in urban areas. Applied instruction buildings are more complex than reserves centers; the former contain built-in equipment necessary for the specialized training. The prices of specialized equipment have, in general, increased more rapidly than basic construction prices.
The price for the construction of guided missile facilities is shown in table 3 to illustrate the abrupt changes that occur in the prices of a type of construction that is unique to the military services. The step increases in the index are indicative of new groups of guided missile magazines being constructed. The magazines are highly sophisticated storage installations that are built intermittently as the need occurs. Because demand for them is not steady and because of the complexity of construction techniques, there are very few bidders for each of these projects-implying little price competition. Also, there is a substantial amount of highly specialized equipment included in the construction of the magazines, and prices for this type of equipment have increased rapidly.

## Uses

The flexible computer programs developed for the military construction index produce a wide variety of individual construction category indexes, aggregated deflators for types of facilities, and an overall military construction deflator for each quarter. The overall military construction deflator and category indexes are of substantial interest to agencies directly engaged in planning military construction or in providing oversight. For example, these indexes are regularly provided to the U.S. Army Corps of Engineers, the Naval Facilities Engineering Command, and the DOD Tri-Services Committee on Cost Engi-
neering. The overall military construction deflators are used for forecasting future cost trends and for determining future overall construction budget requirements. The category indexes are used for forecasting price escalation for specific types of construction. In addition, they serve as checks on price abberations. When a particular price is markedly high or low, DOD questions the contracting district to determine the cause.

## Future work

The cooperation between BEA and DOD originally worked out in the defense price project continues. The military services are attempting to obtain more timely and complete reporting of projects in order to develop more accurate files of the necessary data. Cooperative arrangements are underway with two DOD agencies to transfer the DD813 information via links between their computer and BEA's. Completely integrated files will permit either the DOD user or BEA to develop programs and results that best suit their needs as well as to do timely checks on the accuracy of the data.
Deflators for overseas construction projects would be of substantial interest, and work on them has started. To date, these projects have not been priced because of the lack of adequate information; in effect, overseas construction has been deflated by the domestic category indexes. The military services (particularly the Corps of Engineers) have informed their overseas construction offices of the requirements for adequate reporting and the methodology to be used. Some data have been received, but the quantity is inadequate for either developing prices for the base year or for coverage of any construction category. The ultimate goal is the development of separate deflators for overseas construction in at least two areas, Europe and the Far East.

# U.S. Affiliates of Foreign Companies: Operations in 1981 

TTHIS article presents estimates of nonbank U.S. affiliates of foreign companies in 1981. ${ }^{1}$ The estimates were obtained by expanding to universe totals the sample date collected in BEA's 1981 annual survey of foriegn direct investment in the United States (for the procedure used and coverage of the sample, see the technical note). These estimates are not strictly comparable with previously published sample data from the 197779 annual surveys. ${ }^{2}$
The article summarizes changes in 1981. The changes are derived using universe data for 1980 comparable to the estimates for 1981. The 1980 data are from BEA's most recent benchmark survey, or census, of foreign

Note.-The annual survey was conducted under the supervision of James L. Bomkamp, Chief, Direct Investment in the United States Branch, International Investment Division. Beverly A. Feeser was project leader for editing and processing the forms. Richard Mauery designed the computer programs for data retrieval and analysis. R. David Belli wrote the technical note. Ethel J. Wheeler provided statistical assistance.

1. A U.S. affiliate is a U.S. business enterprise in which there is foreign direct investment-that is, in which a single foreign person owns or controls, directly or indirectly, 10 percent or more of the voting securities if an incorporated business enterprise or an equivalent interest if an unincorporated business enterprise.
2. Previously published data from the annual surveys, covering 1977-79, appeared in Ned G. Howenstine, "Selected Data on the Operations of U.S. Affiliates of Foreign Companies, 1978 and 1979," Survey of Current Business 61 (May 1981):35-52. The 1977-79 data, as published, are not strictly comparable with data, as published, are not strictly comparable with
the estimates presented here because the 1977-79 data were not expanded to universe totals. Comparability is also limited by changes in methodology adopted in the 1980 benchmark survey of foreign direct investment in the United States. (For a discussion of changes, see the two benchmark survey publications cited in footnote 3.) To improve comparability, BEA plans to adjust the 1977-79 data to conform more closely to the methodology adopted in 1980 and to expand the data to universe estimates. The project is scheduled for completion in late 1984
direct investment in the United States. ${ }^{3}$
Total assets and employment of U.S. affiliates, two of the broadest measures of their activity, increased sharply in 1981. Assets increased 35 percent, to $\$ 395.0$ billion, and employment increased 15 percent, to $2,343,000$ (tables 1 and 2). This growth, which continued a trend that began in 1978, reflected both acquisitions of U.S. businesses and expansion by existing affiliates. Acquisitions were probably a much more important source of growth than in the past; by almost any measure, they were at a record level in $1981 .{ }^{4}$ Expansion by existing affiliates was probably slowed in 1981 by worsening economic conditions in the United States.
3. Results of the 1980 benchmark survey were summarized in R. David Belli, "Foreign Direct Investment in the United States: Highlights from the 1980 Benchmark Survey," Survey 63 (October 1983). More detailed data from the benchmark survey were published in Foreign Direct Investment in the United States, 1980 (Washington, D.C.: U.S. GPO, October 1983).
4. For a detailed discussion of new investments in 1981, see R. David Belli, "U.S. Business Enterprises Acquired or Established by Foreign Direct Investors in 1981," Survey 62 (June 1983): 27-31. (The 1981 data in that article were preliminary; for revised 1981 data, see the article in the June 1982 issue.)
Direct comparisons of financial and operating data from the annual survey with those from the survey of new investments are precluded by differences in methodology and coverage. For 1981, a particularly important difference is that the annual survey data cover U.S. business enterprises that were affiliates of a for eign person at the end of the enterprise's 1981 fiscal year, while the data from the survey of new invest ments cover investments that occurred during the ments cover investments that occurred during the 1981 calendar year. For example, the acquisition of
another U.S. enterprise by an existing U.S. affiliate another U.S. enterprise by an existing U.S. affiliate
during calender year 1981 would be reported in the survey of new investments, but not in the annual survey, if the acquisition occurred after the close of the existing affiliate's 1981 fiscal year. (For the annual survey, an affiliate's fiscal year was defined to be its financial reporting year that ended in calender 1981.) Another important difference is that banks are not included in the annual survey data but are included in the new investments data. Other differences between the two surveys are discussed in Howenstine, "Selected Data," p. 52

The growth rate for employment was much lower than that for assets for two reasons. First, businesses newly acquired in 1981 were heavily concentrated in finance, mining, and chemicals manufacturing-industries with particularly low employment-toasset ratios. Second, for existing affiliates, employment grew more slowly than their assets because changes in employment, unlike changes in assets, are not directly affected by inflation.
The remainder of this article discusses growth in affiliate employment by industry, country of foreign owner, and the U.S. region and State in which affiliates were located. The discussion focuses on employment rather than assets because, as just noted, changes in employment are not directly affected by inflation and, thus, tend to reflect more closely growth in the real economic activity of affiliates. The pattern of growth based on

Estimates for selected items from the 1981 annual survey of foreign direct investment in the United States are presented in this article. A set of tables giving additional information-including estimates of U.S. affiliate balance sheets and income statements; external financial position; property, plant, and equipment; employment and employee compensation; U.S. merchandise trade; technology; and U.S. land owned and leased-is available for $\$ 8.00$ from the Bureau of Economic Analysis (BE-50, Research), U.S. Department of Commerce, Washington, D.C. 20230. Make check payable to BEA, U.S. Department of Commerce.

For 1980, additional information is available in Foreign Direct Investment in the United States, 1980. Copies may be obtained from the Superintendent of Documents, U.S. GPO, Washington, D.C. 20402 , price $\$ 8.00$, stock number 003 -010-00123-2.
employment may differ from that based on assets (or any other measure). For example, based on assets, the rate of growth for wholesale trade was one of the highest among the major industries; based on employment, it was well below average.

By industry, over one-half of the 309,000 increase in affiliate employment was attributable to manufacturing affiliates (table 2, chart 4). The increase in manufacturing was, in turn, largely attributable to affiliates in chemicals, whose employment in-

Table 1.-Total Assets of Nonbank U.S. Affiliates, 1980-81, by Industry of Affiliate and Country of Ultimate Beneficial Owner

|  |  |  |
| :---: | :---: | ---: | ---: | ---: | ---: |
|  |  |  |

Table 2.-Employment of Nonbank U.S. Affiliates, 1980-81, by Industry of Affiliate and Country of Ultimate Beneficial Owner

|  | Number of employees |  |  | Percent change |
| :---: | :---: | :---: | :---: | :---: |
|  | 1980 | 1981 | Change |  |
| All industries, all countries | 2,033,932 | 2,343,115 | 309,183 | 15 |
| By industry |  |  |  |  |
| Mining | 25,247 | 39,763 | ${ }^{14,516}$ | 57 |
| Petroleum ${ }_{\text {Manufacturing. }}$ | 1,102,804 | 125,591 $1,280,835$ | 24,541 178,031 | ${ }_{16}^{24}$ |
|  | 120,354 | 127,137 | 6,783 | 6 |
| Chemicals and allied products.. | 283,401 11888 | ${ }_{108}^{413,216}$ | ${ }^{129,811}$ | ${ }_{-4}^{46}$ |
| Machinery ......................... | 288,499 | 295,847 | 7,388 | 3 |
| Other manufacturing. | 297,707 | 336,263 | 38,556 | 13 |
| Wholesale trade | ${ }^{217,062}$ | ${ }_{3}^{242,835}$ | 25,773 ${ }^{25,73}$ | 12 |
| Retail trade. | 304,380 | 334,383 |  | 10 |
|  | 24,790 62,302 | 17,536 67964 | -7,254 |  |
|  | 62,748 19 | 26,942 | $\stackrel{\text { \% }}{7,194}$ | 36 |
|  | 176,549 | 207,266 | 30,717 | 17 |
| By country |  |  |  |  |
| Canada. | 290,018 | 423,938 | 133,920 | 46 |
|  | 1,477,099 | 1,579,645 | 102,546 |  |
| France. | 206,359 | 214,670 | 11 |  |
| Germany. | 375,865 | 370,540 | -5,325 | -1 |
| Netherlands | 186,688 | 215,120 | 28,432 | 15 |
|  | 428,237 154 1813 | $\begin{array}{r}489,347 \\ \hline 149,456 \\ \hline\end{array}$ | 61,110 $-5,357$ | 14 -3 |
| Japan. | 115,258 | 133,490 | 18,232 | 16 |
| Australia, New Zealand, and South Africa | ${ }_{7}^{29,231}$ | ${ }^{45,055}$ | 15,824 | 54 |
| Latin America. | 74,456 22,800 | 70,232 38,171 | ${ }_{1}-4,224$ | ${ }^{-6}$ |
| Other Africa, Asia, and Pacific. | 11,961 11,109 | 15,194 | $\begin{array}{r}3,233 \\ \\ \hline 4.281\end{array}$ | 27 |
| United States ................... | 13,109 | 37,390 | 24,281 | 185 |

creased 130,000 , or 46 percent. Other industries that had particularly sharp increases in employment were mining ( 57 percent), real estate ( 36 percent), and petroleum ( 24 percent). As was the case generally, the increases in employment in each of these industries was largely the result of acquisitions of U.S. businesses.

In petroleum, a substantial portion of the increase in total employment was attributable to the acquisition of a major U.S. metals manufacturer by a British company's U.S. petroleum affiliate. Data for the acquired firm appear in petroleum rather than in manufacturing because of BEA's consolidation and industry classification rules. ${ }^{5}$
In contrast to most industries, finance (except banking) and metals manufacturing had declines in employment. In both, foreign owners sold their minority interest in large U.S. affiliates. The decline in metals also reflected layoffs. The layoffs may have been in response to worsening economic conditions during the year, to longer term problems specific to that industry (such as heightened worldwide competition), or both. The layoffs were centered in primary metals manufacturing, mainly ferrous metals.
Layoffs were also widespread in several other industries, particularly machinery and chemicals manufacturing. In addition, in machinery, a major portion of a large affiliate's electrical machinery manufacturing operation was sold; this sale caused the affiliate's industry classification to shift to wholesale trade. However, in both machinery and chemicals, increases in employment due to acquisi-

[^9]Employment of Nonbank U.S. Affiliates, 1980-81

tions or other causes more than offset these decreases in employment.

By country of ultimate beneficial owner (UBO), over two-fifths of the growth in employment was accounted for by affiliates with UBO's in Canada. ${ }^{6}$ The increase in employment for these affiliates was 134,000 , or 46 percent. It largely reflected the acquisition of a minority interest in a major U.S. chemical company by a U.S. affiliate of a large Canadian distiller. Employment of affiliates with UBO's in the United States; the Middle East; and Australia, New Zealand, and South Africa also increased sharply. The increase for affiliates with UBO's in the United States was from a relatively small base; it resulted from the acquisition of three U.S. businesses by companies located in the Netherlands Antilles and Bermuda that were, in turn, ultimately owned by U.S. persons. The increase for affiliates with UBO's in the Middle East was largely attributable to affiliates with Kuwaiti and Lebanese UBO's.
Employment of affiliates with European UBO's increased 103,000 , or 7 percent. Almost all of the increase was attributable to affiliates with UBO's in the Netherlands and the United Kingdom. Employment of affiliates with UBO's in Germany and Switzerland declined. The decline for Germany partly reflected widespread reductions in employment of manufacturing affiliates, particularly in chemicals. The decline for Switzerland was more than accounted for by affiliates in manufacturing and retail trade.
Among U.S. regions, the sharpest increases in affiliate employment were in the Rocky Mountains (37 percent) and the Southwest ( 32 percent) (table 3 and chart 5). Both regions have abundant deposits of petroleum, coal, and other minerals and the increases there partly reflected the acquisition of several large U.S. enterprises involved in natural resource exploitation. In the Rocky Mountains,

[^10]where employment increased 14,000 , over one-half of the increase was in Utah; it largely reflected a Britishowned affiliate's acquisition of a copper mining operation there. In the Southwest, where affiliate employment increased 57,000 , growth was mainly in Texas and Arizona. In Texas, the increase was 36,000 , the
largest increase in affiliate employment of any individual State. The increase was partly attributable to a Canadian-owned affiliate's acquisition of a major U.S. chemical company with petroleum and petrochemical operations in the State. The increase also partly reflected expansions by Dutch- and French-owned affiliates in

Table 3.-Employment of Nonbank U.S. Affiliates, 1980-81, by State

|  | Number of employees |  |  | Percent change |
| :---: | :---: | :---: | :---: | :---: |
|  | 1980 | 1981 | Change |  |
| Total .. | 2,033,932 | 2,343,115 | 309,183 | 15 |
| New England | 122,860 | 139,065 | 16,205 | 13 |
| Connecticut. | 34,948 | 40,128 | 5,180 | 15 |
| Maine.. | 14,471 | 17,692 | 3,221 | 22 |
| Massachusetts | 47,901 | 52,578 | 4,677 | 10 |
| New Hampshire. | 12,328 | 13,355 | 1,027 | 8 |
| Rhode Island. | 6,914 | 9,423 | 2,509 | 36 |
| Vermont ................................................................................................... | 6,298 | 5,889 | -409 | -6 |
| Mideast....................................................................................................... | 466,323 | 547,446 | 81,123 | 17 |
| Delaware. | 8,654 | 35,340 | 26,686 | 308 |
| District of Columbia | 2,284 | 2,939 | 655 | 29 |
| Maryland................ | 40,918 | 43,900 | 2,982 | 7 |
| New Jersey York.... | 120,530 179,292 | 131,764 204,393 | 11,234 25,101 | 14 |
| Pennsylvania .......................................................................................................................................................... | 114,645 | 129,110 | 14,465 | 13 |
| Great Lakes. | 368,054 | 378,485 | 10,431 | 3 |
| Illinois. | 112,434 | 111,850 | -584 | -1 |
| Indiana.. | 47,335 | 44,881 | -2,454 | $\sim 5$ |
| Michigan. | 65,275 | 65,070 | $-204$ | ${ }^{*}$ ) |
| Ohio ..... | 84,218 | 97,018 | 12,800 | 15 |
| Wisconsin .............................................................................................. | 58,792 | 59,666 | 874 | 1 |
| Plains... | 103,196 | 109,410 | 6,214 | 6 |
| Iowa... | 19,559 | 21,741 | 2,182 | 11 |
| Kansas. | 13,824 | 14,206 | 382 | 3 |
| Minnesota. | 30,874 | 32,536 | 1,662 | 5 |
| Missouri.. | 30,268 | 31,123 | 855 | 3 |
| Nebraska ...... | 5,169 | 5,225 | 56 | 1 |
| North Dakota | 2,393 | 3,255 | 862 | 36 |
| South Dakota. | 1,109 | 1,324 | 215 | 19 |
| Southeast | 465,120 | 560,094 | 94,974 | 20 |
| Alabama | 22,698 | 26,501 | 3,803 | 17 |
| Arkansas. | 14,780 | 17,397 | 2,617 | 18 |
| Florida | 65,923 | 69,983 | 4,060 | 6 |
| Georgia . | 67,410 | 73,742 | 6,332 | 9 |
| Kentucky.. | 23,203 | 25,366 | 2,163 | 9 |
| Louisiana. | 39,556 | 45,718 | 6,162 | 16 |
| Mississippi. | 9,542 | 10,905 | 1,363 | 14 |
| North Carolina | 67,522 | 86,349 | 18,827 | 28 |
| South Carolina | 54,239 | 64,898 | 10,659 | 20 |
| Tennessee... | 44,063 | 55,285 | 11,222 | 25 |
| Virginia ........... | 37,206 | 49,115 | 11,909 | 32 |
| West Virginia.. | 18,978 | 34,835 | 15,857 | 84 |
| Southwest. | 176,979 | 234,424 | 57,445 | 32 |
| Arizona . | 14,394 | 29,396 | 15,002 | 104 |
| New Mexico | 7,095 | 8,005 | 910 | 13 |
| Oklahoma. | 19,372 | 24,459 | 5,087 | 26 |
| Texas .................. | 136,118 | 172,564 | 36,446 | 27 |
| Rocky Mountains.. | 37,921 | 51,844 | 13,923 | 37 |
| Colorado........... | 19,935 | 23,961 | 4,026 | 20 |
| Idaho ..................................................................................................... | 3,708 | 3,795 | 87 | 2 |
| Montana | 1,798 | 2,830 | 1,032 | 57 |
| Utah. | 9,473 | 17,188 | 7,715 | 81 |
| Wyoming ................................................................................................. | 3,007 | 4,070 | 1,063 | 35 |
| Far West ...................................................................................................... | 225,576 | 284,238 | 28,662 | 11 |
| California .................................................................................................... | 219,636 | 240,774 | 21,138 | 10 |
| Nevada....... | 4,590 | 5,854 | 1,264 | 28 |
| Oregon | 10,229 | 12,281 | 2,052 | 20 |
| Washington ............................................................................................. | 21,121 | 25,329 | 4,208 | 20 |
| Alaska. | 8,326 | 8,578 | 252 | 3 |
| Hawaii... | 15,509 | 16,143 | 634 | 4 |
| Puerto Rico. | 9,290 | 9,043 | -247 | -3 |
| Other territories and offshore ${ }^{\text {a }}$. | 3,842 | 3,073 | -769 | -20 |
|  | 936 | 1,272 | 336 | 36 |
| "Less than 0.5 percent ( $\pm$ ). <br> 1. Consists of the Virgin Islands, Guam, American Samoa, U.S. offshore possessions. <br> 2. Consists of employees of U.S. affiliates working abroad. | and gas s | s, and all | her U.S. te | itories and |

retail trade. In Arizona, where affiliate employment increased 15,000 , the acquisition of a large coal mining firm by a British company and a supermarket chain by a Canadianowned affiliate accounted for most of the change.
The smallest percent increases in affiliate employment were in the Great Lakes and the Plains ( 3 and 6 percent, respectively.) The small increase in the Great Lakes partly reflected employment declines in three States in the region-Illinois, Indiana, and Michigan. Although the total decline in affiliate employment in these States was small-less than $4,000 \mathrm{em}-$ ployees-it contrasts sharply with the pattern of increases for most other States. (Employment of affiliates declined in only one other State-Ver-mont-and, of the 46 States with increases in employment, growth rates were 5 percent or larger in all but seven.)
Employment declined in the three Great Lakes States for several reasons. First, none of the major U.S. enterprises acquired during the year had substantial employment in these States. Second, although some existing affiliates expanded their employment in these States during the year, such expansions were more than offset by widespread declines in the employment of other affiliates. Third, partial or total selloffs of affiliates reduced employment, particularly in Illinois and Michigan.

Among other regions, increases in employment ranged from 20 percent in the Southeast to 11 percent in the Far West. In the Southeast, the increase reflected the addition of 95,000 employees, the largest increase in any region.

After Texas, increases in employment among individual States were largest in Delaware, New York, and California. In each of these States, employment of affiliates increased by more than 20,000 .

## Technical Note

The 1981 universe estimates presented in this article were derived from sample data. The object of the procedure used was the derivation of estimates that were as complete in coverage as the universe data collect-

Percent Change in Employment of Nonbank U.S. Affiliates, by Regions, 1980-81

ed in BEA's 1980 benchmark survey of foreign direct investment in the United States. To simplify the procedure, the 1980 universe was defined as all nonbank affiliates that filed complete reports in the benchmark survey. Complete reports were required to be filed by U.S. affiliates that has assets, sales, or net income of $\$ 1$ million or more or that owned 200 or more acres of U.S. land. ${ }^{7}$

Reporting in the 1981 annual survey was required of all U.S. affiliates that has assets, sales, or net income greater than $\$ 5$ million or that owned 1,000 or more acres of U.S. land. Affiliates that filed complete reports in the benchmark survey but did not meet these criteria

[^11]Table A.-Total Assets and Employment of U.S. Affiliates: Percent of Universe Estimate Accounted for by the Sample, 1981, by Industry of Affiliate and by Country of UItimate Beneficial Owner

|  | Total assets |  | Employment |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Universe estimate (millions of dollars) | Percent accounted for by sample | Universe estimate (number of employees) | Percent accounted for by sample |
| All industries, all countries | 395,032 | 91.3 | 2,343,115 | 88.6 |
| By industry |  |  |  |  |
| Mining . | 11,710 | 96.8 | 39,763 | 92.8 |
| Petroleum | 54,249 | 95.8 | 125,591 | 96.5 |
| Manufacturing | 120,523 | 92.6 | 1,280,835 | 89.3 |
| Food and kindred products. | 12,575 | 94.8 | 127,137 | 90.4 |
| Chemicals and allied products. | 49,630 | 97.9 | 413,212 | 97.1 |
| Primary and fabricated metals ............................................................ | 11,418 | 84.2 | 108,376 | 82.0 |
| Machinery ... | 21,371 | 87.2 | 295,847 | 84.9 |
| Other manufacturing.. | 25,530 | 89.5 | 336,263 | 85.7 |
| Wholesale trade... | 76,099 | 92.4 | 242,835 | 85.6 |
| Retail trade........ | 10,991 | 90.8 | 334,383 | 92.8 |
| Finance, except banking | 37,101 | 95.6 | 17,536 | 92.3 |
| Insurance.. | 41,163 | 98.1 | 67,964 | 98.5 |
| Real estate.......... | $\stackrel{27,221}{15974}$ | 62.9 77.4 | -26,942 | 80.8 72.4 |
|  |  |  |  |  |
| By country |  |  |  |  |
| Canada. | 78,518 | 92.8 | 423,938 | 90.0 |
| Europe... | 223,915 | 92.0 | 1,579,645 | 90.3 |
| Of which: |  |  |  |  |
| France. | 31,765 | 93.4 | 214,670 | 92.3 |
| Germany... | 34,055 | 88.9 | 370,540 | 89.2 |
| Netherlands | 43,954 | 95.6 | 215,120 | 96.0 |
| United Kingdom | 68,418 | 94.1 | 489,347 | 91.8 |
| Switzerland ......... | 28,246 | 90.7 | 149,456 | 83.6 |
| Japan. | 31,505 | 87.9 | 133,490 | 78.1 |
| Australia, New Zealand, and South Africa ...... | 30,082 | 96.6 | 45,055 | 79.9 |
| Latin America. | 8,733 | 67.2 | 70,232 | 70.8 |
| Middle East. | 12,952 | 85.7 | 38,171 | 79.8 |
| Other Africa, Asia, and Pacific. | 3,286 | 67.2 | 15,194 | 75.0 |
| United States | 6,042 | 92.9 | 37,390 | 96.4 |

were not required to report. Furthermore, some affiliates that were required to report in the 1981 annual survey were not in the 1981 sample data when 1981 universe estimates were derived. The data were not in the sample for two reasons: (1) reports for a few affiliates had not yet been received, and (2) reports for a group of relatively small affiliates either arrived too late or required extensive editing that could not be completed in time to meet BEA's publication schedule.

To derive 1981 universe totals, 1981 data had to be estimated for those U.S. affiliates not required to report and for those whose data were not available. They were assumed to be the same as the data reported by these same affiliates in the 1980 benchmark survey. Thus, universe estimates for 1981 are the sum of data reported in the 1981 annual survey for affiliates in the 1981 sample, and data reported in the 1980 benchmark survey for affiliates not in the 1981 sample.

Table A shows, for both total assets and employment, the percentage of the 1981 universe estimates accounted for by the 1981 sample data. At the all-industries, all-countries level, coverage is 91.3 percent for assets and 88.6 percent for employment. Coverage falls significantly below these averages only in industry and country cells where affiliates tend to be of small average size (for example, in real estate and "other industries" among industries, and in Latin America and "other Africa, Asia, and Pacific" among areas).

Table 4A.-Selected Data of Nonbank U.S. Affiliates, 1980, by Industry of Affiliate

|  | Millions of dollars |  |  |  | Number of employees | Thousands of acres |  | Millions of dollars |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total assets | Sales | Net income | Employee compensation |  | Land owned | Mineral rights owned and leased | Gross book value of property, plant, and equipment | Expenditures for new plant and equipment | $\begin{gathered} \text { U.S. } \\ \text { exports } \\ \text { shipped by } \\ \text { affiliates } \end{gathered}$ | U.S. imports shipped to affiliates |
| All industries.. | 292,033 | 412,705 | 8,917 | 40,047 | 2,033,932 | 9,552 | 47,785 | 127,838 | 16,891 | 52,199 | 75,803 |
| Mining | 6,813 | 3,388 | 392 | 704 | 25,247 | 595 | 2,187 | 4,939 | 471 | 810 | 28 |
| Petroleum ............. | 44,060 | 56,020 | 4,369 | 2,764 | 101,050 | 584 | 37,082 | 38,172 | 3,199 | 997 | 10,588 |
| Manufacturing.... | 81,684 | 97,990 | 1,053 | 22,798 | 1,102,804 | 3,499 | 7,471 | 46,691 | 6,918 | 9,045 | 10,413 |
| Food and kindred products.... | 8,203 | 11,956 | 216 | 1,952 | 120,354 | 74 | ${ }^{(D)}$ | 4,262 | 567 | 617 | 952 |
| Chemicals and allied products..... | 26,086 | 28,152 | 305 | 6,010 | 283,401 | 308 | 2,430 | 18,327 | 2,620 | 2,129 | 1,744 |
| Industrial chemicals and synthetics $\qquad$ Drugs | 14,544 2,500 | 14,489 2,466 | -85 -109 | 2,900 737 | 121,009 33,056 | 105 10 | ( ${ }^{(0)}$ | 11,223 1,590 | 1,568 280 | 1,405 210 | 1,188 |
| Soap, cleaners, and toilet goods.................................. | 2,878 | 4,007 | 109 | 768 | 31,762 | 4 | 0 | 1,157 | 150 | 193 | 133 |
| Agricultural chemicals ............... | 4,845 | 5,736 | 358 | (D) |  | (D) | ${ }^{(D)}$ | 3,695 | ${ }^{(D)}$ | (D) | ( ${ }^{\text {( ) }}$ |
| Other .................................................................. | 1,320 | 1,453 | 31 | (D) | ${ }^{(1)}$ | ( ${ }^{\text {( }}$ | (D) | 662 | ${ }^{(D)}$ | (D) | ${ }^{(1)}$ |
| Primary and fabricated metals...... | 10,277 | 12,911 | 349 | 2,607 | 112,883 | 44 | ( ${ }^{(1)}$ | 6,122 | 730 | 1,059 | 1,873 |
| Primary metal industries <br> Fabricated metal products | 7,595 2,682 | 10,113 2,798 | 251 98 | 1,869 738 | 75,308 37,575 | 38 6 | ${ }^{\left({ }^{(0)}\right)}$ | 4,942 1,180 | 612 118 | 854 <br> 205 | 1,673 |
| Machinery ......................................... | 17,427 | 20,917 | 158 | 5,931 | 288,459 | 48 | (D) | 6,547 | 1,353 | 2,939 | 3,450 |
| Machinery, except electrical ................................ | 7,645 | 8,941 | -58 | 2,658 | 115,952 | 32 | (0) | 2,772 | 399 | 1,498 | 1,437 |
| Electric and electronic equipment .......................... | 9,782 | 11,977 | 216 | 3,273 | 172,507 | 17 | ( ${ }^{\text {a }}$ | 3,775 | 954 | 1,441 | 2,013 |
| Other manufacturing..................... | 19,690 | 24,053 | 25 | 6,298 | 297,707 | 3,024 | 13 | 11,433 | 1,648 | 2,300 | 2,394 |
| Textile products and apparel .............................. | 1,078 | 1,563 | 8 | 395 | 29,354 | 5 | 0 | 633 | 86 58 | $\begin{array}{r}60 \\ 132 \\ \hline\end{array}$ | 98 98 |
| Lumber, wood, furniture, and fixtures................................................. | 3,416 | 1,696 3,746 | 157 | $\stackrel{189}{ }$ | 8,889 36879 | 2,803 | 0 | 3,167 | 562 | 383 | 459 |
| Printing and publishing .. | 2,064 | 2,720 | 109 | 777 | 39,417 | 1 | 0 | 981 | 131 | 76 | 87 |
| Rubber and plastics products... | 1,309 | 1,677 | -29 | 428 | 23,678 | 4 | (3) | 798 | 122 | 61 | 126 |
| Stone, clay, and glass products.............. | 4,436 | 4,186 | 48 | 1,062 | 46,524 | 115 | 13 | 3,135 | 329 | 61 | 115 |
| Transportation equipment ................................... | 4,476 | 6,538 | -257 | 1,871 | 66,029 | (D) | () | 1,711 | 232 | 1,217 | 953 |
| Instruments and related products.......................................................................................... | 1,357 1,019 | 1,624 1,304 | -42 | 433 368 | 26,099 20,838 | 2 4 | ${ }^{0}$ | 373 408 | 66 62 | 159 | 168 |
| Wholesale trade............. | 50,068 | 197,573 | 1,203 | 4,606 | 217,062 | 365 | 211 | 7,215 | 1,454 | 40,662 | 54,016 |
| Motor vehicles and equipment ................................ | 10,308 | 33,345 |  |  |  |  | (0) | 2,079 1,400 |  | 2,532 15,097 | 18,068 15,823 |
| Metals and minerals, except petroleum ...................................................................... | 15,081 13,373 | 54,165 60,543 | 631 108 | 792 1,763 | 29,779 87,200 | (0) | (b) | 1,400 1,868 | - ${ }_{416}^{\left.()^{2}\right)}$ | 15,097 2,673 | 15,823 10,476 |
| Farm product raw materials............................................. | 7,196 | 36,670 | 159 | 519 | 25,443 | (D) | 0 | 1,165 | ( ${ }^{\text {D }}$ | 19,196 | 4,753 |
| Other nondurable goods ............................................. | 4,111 | 12,850 | 63 | 545 | 31,582 | 25 | () | 703 | 148 | 1,164 | 4,897 |
| Retail trade .............................................................. | 9,685 | 23,577 | 278 | 3,751 | 304,380 | 8 | (*) | 5,202 | 670 | 501 | 611 |
| Food stores and eating and drinking places.............. | 4,551 | 16,036 | 76 | 2,449 | 203,234 | 4 | 0 | 2,963 | 360 | 14 | ${ }_{\left({ }^{(D)}\right)}$ |
| Retail trade, nec ................................................... | 5,135 | 7,541 | 202 | 1,301 | 101,146 | 3 | (*) | 2,238 | 310 | 487 | ${ }^{(1)}$ |
| Finance, except banking ........................................... | 32,291 | 4,755 | 379 | 844 | 24,790 | 3 | ( ${ }^{\text {D }}$ | 585 | 238 | (D) | 10 |
| Insurance......... | 36,240 | 14,511 | 1,153 | 1,155 | 62,302 | 14 | 0 | 1,175 | 141 | 0 | (*) |
| Real estate. | 19,872 | 3,933 | 56 | 371 | 19,748 | 1,885 | ( ${ }^{\text {D }}$ ) | 16,802 | 2,780 | () | (*) |
| Other industries | 11,320 | 10,959 | 32 | 3,055 | 176,549 | 2,599 | 778 | 7,056 | 1,018 | ( ${ }^{\text {( })}$ | 137 |
| Agriculture..... | 1,615 | 670 | -23 | 136 | 9,460 | 1,248 | (0) | 1,260 | 112 | 49 | 11 |
| Forestry and fishing................................................ | 101 | 26 | 5 | 1 |  | 1,201 | (D) | 86 | 10 | (D) | ${ }^{\text {c }}$ |
| Construction ......................................................... | $\stackrel{2,596}{2,388}$ | $\begin{array}{r}4,604 \\ \hline 2162\end{array}$ | -16 | 943 | 42,944 | 19 108 | (8) | 1,716 | 234 193 | 43 5 | ${ }^{(2)}$ |
|  | 2,388 | 2,142 | -17 | 763 39 | 35,949 2,304 | ${ }^{\circ}$ | 2 | 1,155 | 60 | 1 | (D) |
| Services........................................................................ | 4,372 | 3,356 | 56 | 1,172 | 85,816 | 24 | (D) | 2,834 | 410 | 35 | 39 |

${ }^{0}$ Suppressed to avoid disclosure of data of individual companies.
-Less than $\$ 500,000( \pm)$ or 500 acres.

The assumption that data for affiliates not in 1981 sample were the same in 1980 and 1981 probably results in some small underestimation of the 1981 universe. Some data for these affiliates were probably higher in 1981, if only because of inflation. Also, no allowance is made for a likely increase from 1980 to 1981 in the number of U.S. affiliates with assets, sales, or net income below $\$ 5$ million. However, because sample coverage of the estimates for most industry and country cells is so high, any errors in estimating the small unre-
ported portion of the universe are unlikely to have a significant impact on the published aggregates.
The simple estimation procedure used here, incorporating the use of an affiliate's prior year's data to estimate its current year's data, has two major benefits. First, it requires little time to derive universe estimates once the sample data are final. Second, universe estimates in full country and industry detail can be easily provided.
Sample coverage for 1981 will be higher when revised 1981 estimates (along with preliminary 1982 esti-
mates) are published next fall. By then affiliate data reported in the annual survey, but not available in time for this article, will be included. Also by next fall, BEA will refine the estimation procedure to incorporate estimates of growth for affiliates not in the sample. Because of time constraints, this refinement could not be incorporated into the procedure used to derive the preliminary 1981 estimates presented in this article. The refinement is not expected to result in significant revisions to the estimates.

Table 4B.—Selected Data of Nonbank U.S. Affiliates, 1981, by Industry of Affiliate

${ }^{\text {D }}$ Suppressed to avoid disclosure of data of individual companies.
*Less than $\$ 500,000( \pm)$ or 500 acres.

Table 5A.-Selected Data of Nonbank U.S. Affiliates, 1980, by Country and Industry of Ultimate Beneficial Owner

|  | Millions of dollars |  |  |  | Number of employees | Thousands of acres |  | Millions of dollars |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total assets | Sales | Net income | Employee compensation |  | $\underset{\substack{\text { Land } \\ \text { owned }}}{\text { and }}$ | $\underset{\text { rights }}{\text { Mineral }}$ owned and leased | Gross book value of property, equipment |  | $\begin{gathered} \text { U.S. } \begin{array}{c} \text { export } \\ \text { shipped by } \\ \text { affiliates } \end{array} \end{gathered}$ | U.S. imports shipped to affiliates |
| All countries, all industries... | 292,033 | 412,705 | 8,917 | 40,047 | 2,033,932 | 9,552 | 47,785 | 127,838 | 16,891 | 52,199 | 75,803 |
| By country: |  |  |  |  |  |  |  |  |  |  |  |
| Canada | 47,879 | 35,456 | 1,068 | $\begin{array}{r} 5,997 \\ 28,958 \end{array}$ |  | 2,692 | 17,776 | 23,141 | 3,868 | 1,792 | $\begin{array}{r} 5,553 \\ 33,274 \end{array}$ |
| Europe. | 186,081 | 259,414 | 5,645 |  | 1,477,099 | 5,756 | 25,244 | 90,283 | 10,480 | 23,345 |  |
| European Communities (9) Belgium...................... | $\begin{array}{r} 157,959 \\ 4,120 \\ 524 \end{array}$ | $\begin{array}{r} 230,040 \\ 5,469 \\ 940 \\ 940 \end{array}$ | $\begin{array}{r} 5,431 \\ \quad 131 \\ \hline \end{array}$ | $\begin{aligned} & 28,958 \\ & 24,942 \end{aligned}$ | $\begin{array}{r} 1,266,781 \\ 253,383 \\ 14,890 \\ \hline, 890 \end{array}$ | 4,719 | 25,121 | 81,6582,431229 |  | 19,844263(1) | 28,081 <br> 988 <br> 268 |
| Denmark.... |  |  |  | 215 |  | (0) |  |  |  |  |  |
| France.... | 25,654 |  | $\begin{array}{r} 4 \\ 280 \end{array}$ | -4,039 |  |  | 3,687 | 9,936 | (1,423 | 10,209 | 3,7497,519 |
| Germany ........... | 31,196 ${ }_{413}$ | $\begin{array}{r}45,680 \\ 484 \\ \hline 584\end{array}$ | 196 | $\begin{array}{r}7,039 \\ \hline 153\end{array}$ | 375,865 | 688 (0) | 1,6700 | 14,605 | ${ }_{\text {2, }}^{\text {(0) }}$ | 3,328 |  |
| Italy It.................... | 2,473 | 2,692 | 120-12-2 | ${ }_{363}$ | $\begin{array}{r} 8,918 \\ 15,575 \\ 4,706 \end{array}$ | $\begin{array}{r} (0) \\ 17 \\ \hline 549 \\ \hline \end{array}$ |  | 80289280 | ${ }^{62}$ | ${ }_{605}^{605}$ | 7,519 (18) 763 |
| Luxembourg. |  |  |  | 88 |  |  | ${ }_{(0)}^{(0)}$ |  |  |  | (0) |
|  | $\begin{array}{r}36,103 \\ 56,594 \\ \hline\end{array}$ | 38,618 <br> 94,410 | 1,7783,162 | 4,2937,623 | $\begin{aligned} & 186,688 \\ & 428,237 \end{aligned}$ |  |  | 24,619 | 2,363 | 3,196 | 88499 |
| United Kingdom ............................................... |  |  |  |  |  | 1,282 | 1,693 |  |  |  |  |
| Other Europe........ | 28,122 | 29,373 | 213 | 4,016 | 210,378 | 1,037 | 124 | 8,625 | 1,266 | 3,501 | 5.194 |
|  | 330 <br> 380 <br> 8 | $\begin{array}{r}\text { 20, } 242 \\ 179 \\ \hline 19\end{array}$ | -5 -5 -1 | $\begin{array}{r}4,188 \\ \hline 24 \\ \hline 8\end{array}$ | $\begin{aligned} & 1,304 \\ & 2,875 \\ & 3,058 \end{aligned}$ | (10) | ( ${ }_{(0)}$ | 8,113 160 1 | (18) | $\begin{array}{r}35 \\ 5 \\ 5 \\ \hline\end{array}$ | 25108 |
| Liechtenstein ............. | 361 | 396 | -12-9 | 63 63 |  | 722 | (0) | 193143 | 3846 | (0) |  |
|  | 335 | 370 |  | ${ }^{63}$ | 3,257 |  |  |  |  |  | ${ }_{41}^{97}$ |
| Spain ............ | 180 4,087 | 119 6,897 | $\begin{array}{r}58 \\ 185 \\ \hline\end{array}$ | 12 830 |  | $\begin{array}{r}115 \\ 8 \\ \hline\end{array}$ | $\stackrel{0}{(\mathcal{P})}$ | 160 1,132 | $180^{4}$ | ${ }_{385}^{1}$ |  |
| Switzerland ........................................................... | 4,887 22,031 417 | 6,68720,62754 |  | $\begin{array}{r} 830 \\ 2,947 \end{array}$ | 41,672 154,813 | ${ }_{7}^{714}$ | ${ }_{(02}^{62}$ | -1,677 | 853 | 2,898 | +1,498 |
| Other ............................................................... |  |  | (*) |  | 2,648 |  |  |  |  |  |  |
| Japan. | 27,626 | 84,207 | 729 | 2,140 | 115,258 | 56 |  | 5,287 | 1,237 | 19,136 | 27,653 |
| Australia, New Zealand, and South Africa .. | 6,973 | 16,350 | 677 | 624 | 29,231 | (1) |  | 1,268 | 190 | (0) | (D) |
| Latin America...... | 7,766 | 8,153 | 315 | 1,413 | 74,456 | 487 | (D) | 4,094 | 666 | 1,241 | 1,196 |
| South and Central America | 3,516 | 4,355 | 17 | 399 | 21,084 | 310 | ${ }_{(0)}^{(\mathbb{D})}$ | 1,808 | 234 | (0) | 1,041 |
| Argentina ........................ | ${ }_{113}^{149}$ | 629 | $-11$ | 10 <br> 6 | ${ }_{281}^{769}$ | ${ }_{9}^{27}$ | 0 | 81 19 | 15 | (0) | 93 |
| Mexico........................................................... | 674 | 661 | -16 | 80 | 3,939 | 129 | 1 | 385 | 35 | 104 | 279 |
| Panama. | 1,611 | 1,3977 | 35 | 230 | 12,157 | 17 80 | (0) | 767 3 3 | 147 | 156 | 564 |
|  | ${ }_{434}$ | (0) | 4 5 | 55 | 2,829 | 88 | 0 | 230 | (0) | 179 | (9) |
| Other Western Hemisphere ..... | 4,250 | 3,798 | 298 | 1,013 | 53,372 | 177 | (9) | 2,286 | 432 | (0) | 155 |
|  | ${ }_{514} 86$ | 1,161 | -22 | ${ }_{\text {20, }}^{209}$ | 17,771 4,606 | 16 <br> 16 | (0) | ${ }_{263}^{430}$ |  |  | (06) |
| Netherlands Antilles........... | 2,742 | (0) | 327 | ( ${ }^{(0)}$ | ${ }^{4,606}$ | 113 | (*) | 1,499 | 339 | (0) | (0) |
| United Kingdom Islands, Caribbean Other | 122 8 | 61 12 | $\stackrel{-9}{ }$ | 17 5 | 1,571 | (16) | ${ }^{5}$ | 88 5 | 3 1 | (0) | ${ }^{(*)}$ |
| Middle East...... | 7,273 | 3,305 | 27 | 454 | 22,800 | 121 | 53 | 2,045 | 247 | 777 198 | (0) |
| Israel ......... | 681 6,593 | 589 2,716 | 17 11 | $\begin{array}{r}68 \\ 386 \\ \hline 8\end{array}$ | $\begin{array}{r}3,346 \\ 19,454 \\ \hline\end{array}$ | (0) | (0) | 1,954 | $\begin{array}{r}24 \\ 23 \\ \hline\end{array}$ | 198 579 |  |
| Kuwait. | 822 | 181 | 8 | 35 | 2,744 | 44 | 0 | 580 | 58 | 4 |  |
| Lebanon. | 512 | 372 | -9 | 72 | 3,997 | ${ }^{(0)}$ | (0) | 236 | 29 | 75 | (*) |
| United Arab Emirates. | 4,941 | 1, ${ }_{34}$ | -6 | ${ }_{\text {c }}$ | 11,089 | ${ }_{1}$ |  | 900 106 | 112 | 0 | 0 |
| Other ....................... | 18 | 173 | ${ }_{-5}$ | (P) | (0) | 6 | 0 | 131 | 9 | ${ }^{(0)}$ | 0 |
| Other Africa, Asia, and Pacific. | 2,840 | 2,572 | 16 | 204 | 11,961 | 370 | 0 | 1,173 | (0) | (0) | (1) |
|  | 2.733 | 2,539 | ${ }_{13}^{3}$ | 197 | 11,475 | 361 | 0 | 1,117 | (0) | 343 | 969 |
|  | 1,212 | 1,048 | 32 | 137 | 8,542 | 335 | 0 |  | 85 | 158 | 258 |
| Philippines...... | -239 | 521 <br> 835 | -10 |  | ${ }^{\text {(0) }} 375$ | 5 | 0 | 122 |  | +25 | (1) |
| Other ....................................... | $\begin{array}{r}1,124 \\ \hline 159\end{array}$ | ${ }_{136}$ | $-12$ | ( ${ }^{(0)}$ | ${ }_{(0)}^{1,375}$ | 21 | 0 | ${ }^{108}$ | (9) | ${ }^{132}$ | (0) |
| United States.... | 5,594 | 3,248 | 442 | 258 | 13,109 | ${ }^{(1)}$ | (9) | 547 | (9) | ${ }^{(1)}$ | ( ${ }^{\text {( }}$ |
| Addenda: |  |  |  |  |  |  |  |  |  |  |  |
| OPEC ${ }^{1}$ $\qquad$ | 6,670 83 | 3,289 | 28 -4 | $\stackrel{333}{*}$ | 16,284 28 | ${ }_{\text {(0) }}^{190}$ | $\left({ }^{(0)}\right.$ | $\begin{array}{r} 2,075 \\ 75 \end{array}$ | ${ }_{\text {2 }}^{225}$ | (D) | $(\mathrm{P})$ |
| By industry: |  |  |  |  |  |  |  |  |  |  |  |
| Government. | 7,319 |  | -196 |  | 56,072 | 86 | 1,636 | 3,476 | 379 | 1,495 | 1,551 |
| Individuals, estates, and trusts. | 43,843 | 42,502 | 973 | 5,376 | 318,064 | 2,972 | 2,155 | 19,076 | 2,673 | 7,578 | 2,997 |
| Petroleum.-.............. | 45,941 | 48,916 | 4,230 | 2,857 | 103,924 | 741 | 35,029 | 38,419 | 3,079 | 1,344 | 9,869 |
|  | 8,745 | 18,805 | -296 | 988 | $\stackrel{5}{5,762}$ | (0) | 2,806 | 2,961 | (0) | (0) | 548) |
| Construction. | 2,418 | 4,133 | -18 | 798 | 35,965 | 21 | (*) | ${ }_{961}$ | 227 | 64 | 27 |
| Manufacturing | 76,580 | 103,170 | 738 | 17,393 | 861,017 | 1,802 | (0) | 36,237 | 5,256 | 7,843 | 28,426 |
| Transportation, communication, and public utilities.... | 3,695 | 6,239 | -45 | 1,096 | 53,604 | 115 | 908 | 1,871 | 421 | 377 | 414 |
| Wholesale and retail trade. | 20,185 | 85,038 | 434 | 2,792 | 175,261 | 77 | ${ }_{\left(\%^{*}\right)}^{(0)}$ | 4,006 | 687 | 19,652 | 20,653 |
| Banking .....xanies | ${ }^{11,931}$ | ${ }_{4}^{41,853}$ | +190 | $\begin{array}{r}314 \\ 4773 \\ \hline\end{array}$ | 14,310 247821 | \% 76 |  | 249 11.070 | 1,619 |  | 2788 |
|  | 13,238 37,000 | 33,191 13,871 | 1,224 | 4,773 1,174 | 247,821 60,272 | 2,282 | 426 2 | 11,070 2,192 | 1,619 388 | $\begin{array}{r}6,964 \\ \hline 188 \\ \hline\end{array}$ | $\stackrel{2788}{188}$ |
| Real estate ............................................................ | 8,146 | 2.429 | 54 | 300 | 14,219 | 243 | 2 | 6,459 | 1,596 | (*) | 2 |
| Services..................... | 2,400 | 2,815 | 20 | 510 | 44,826 | 7 | (0) | 557 | 77 | 356 | (9) |

${ }^{(D)}$ Suppressed to avoid disclosure of data of individual companies.

* Less than $\$ 500,000( \pm)$ or 500 acres.

1. OPEC is the Organization of Petroleum Exporting Countries. Its members are Algeria, Ecua-
dor, Gabon, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, Venezuela, and
the United Arab Emirates.

Table 5B.-Selected Data of Nonbank U.S. Affiliates, 1981, by Country and Industry of Ultimate Beneficial Owner

|  | Millions of dollars |  |  |  | Number of employees | Thousands of acres |  | Millions of dollars |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total assets | Sales | $\underset{\text { income }}{\mathrm{Net}}$ | Employee compensation |  | $\underset{\text { Land }}{\text { Laned }}$ | Mineral rights owned and leased | Gross book value ot property, <br> plant, and |  |  | $\begin{gathered} \text { U.S.S.t. } \\ \text { shipports } \\ \text { shiffiliates } \\ \text { affile } \end{gathered}$ |
| All countries, all industries. | 395,032 | 503,745 | 11,463 | 52,916 | 2,343,115 | 13,134 | 62,734 | 180,005 | 25,018 | 64,060 | 81,599 |
| By country: |  |  |  |  |  |  |  |  |  |  |  |
| Canada. | 8,518 |  |  | 11,008 | 423,938 | 2,885 | 27,879 | 46,311 | 7,755 | 4,435 |  |
| Europe. | 223,915 | 301,616 | 6,315 | 34,608 | 1,579,645 | 8,610 | 28,552 | 113,127 | 13,619 | 29,593 | 34,132 |
| European Communities (10) ${ }^{1}$ | $\begin{array}{r} 188,815 \\ 4,640 \\ 631 \end{array}$ | $\begin{gathered} 267,188 \\ 6,329 \end{gathered}$ | 6,225 | $\begin{array}{r} 30,000 \\ 540 \\ 266 \end{array}$ | $\begin{gathered} 1,368,103 \\ 27,700 \\ \substack{1020} \end{gathered}$ | $\begin{aligned} & 7,563 \\ & 115 \end{aligned}$ | 27,686 | $\begin{array}{r} 103,418 \\ 2,722 \\ 298 \end{array}$ | $\begin{array}{r} 12,056 \\ 266 \\ 101 \end{array}$ | $\begin{array}{r} 25,200 \\ 240 \\ (0) \end{array}$ | $\begin{gathered} 28,956 \\ 484 \\ (0) \\ \hline 0 \end{gathered}$ |
| Benmark. |  |  | $\begin{array}{r}246 \\ 14 \\ \hline\end{array}$ |  |  |  |  |  |  |  |  |
| France.... |  | 46,14353,701 | 14 213 | 5,4567,905 | 214,670 | 2,197 | 3,113 | 14,210 | 1,634 | $\underset{5}{11,837}$ | 4,352 |
| Germany...... | 34,055 |  | -1 |  | 370,540 |  | ${ }_{1,906}^{3,1}$ | 16,664 | 2,391 |  | 8,605 |
| Greece ............. | 176 965 | 53, 17 |  | $\begin{array}{r}\text { 7,905 } \\ \hline 1\end{array}$ | $\begin{array}{r}185 \\ 12745 \\ \hline\end{array}$ | (0) | ${ }_{(10}$ | 160 561 56 | (D) | 5,274 | (e) $\begin{gathered}3 \\ \text { (0) }\end{gathered}$ |
| Italy .............. | 2,705 | -3,338 | -57-30 | 291125 | 13,847 | 119 | (0) | ${ }_{931}$ | 72 | 999 |  |
| Luxembourg. | 1,508 |  |  |  | 7,732 |  |  | 923 | (0) | 393 | 766 5661 5 |
|  | 43,954 | 45,975 106,819 | 2,111 3,264 | - ${ }_{9}^{5,584}$ | ${ }_{489,347}^{215,120}$ | ${ }_{1,717}^{2,551}$ | 2,702 | 34,336 32,313 | ${ }_{3,850}^{3,500}$ | 3,555 | 8,734 |
| Other Europe... | 35,099 | 34,428 | 90 | 4,608 | 211,542 | 1,047 |  | 9,710 | 1,564 |  | 5,176 |
| Fiustria........ | 35,099 405 498 | -250 | -6 -8 |  | $\begin{array}{r}1,195 \\ 1,802 \\ \hline\end{array}$ | 24 | 866 | 963 |  | $\left.\begin{array}{r} 31 \\ 4 \\ 107 \end{array} \right\rvert\,$ | 9838130 |
| Liechtenstein ...................................... | 387 | 428 | $\begin{array}{r}-17 \\ -15 \\ \hline\end{array}$ | $\begin{array}{r}82 \\ 108 \\ \hline 8\end{array}$ | 3,635 | 70 | 0 | 197 | 2743 |  |  |
| Norway ............ | 594 | 541 |  |  | 5,814 | 7 | (1) | 247 |  | $\stackrel{24}{1}$ | 18841 |
| Spain ......................................... |  |  |  |  | 47105 | 115 8 8 | (0) | ${ }_{1}^{59}$ | - ${ }^{3}$ | 407 |  |
| Switzerland.... | $\begin{array}{r}4,52 \\ \begin{array}{r}48,246 \\ 28.2 \\ 305\end{array} \\ \hline\end{array}$ | $\begin{array}{r} 8,105 \\ 24,274 \\ 554 \\ 5 \end{array}$ | 38 <br> 98 <br> 8 | $\begin{array}{r} 930 \\ 3,386 \end{array}$ | $\begin{array}{r}149,456 \\ 2,067 \\ \hline\end{array}$ | 8201 | 832 | 7,405 | 1,016 | 3,793 | 2,285 <br> 2,280 <br> 10 |
| Other......... |  |  |  | 36 |  |  |  |  | 11 | 25 |  |
| Japan ......... | 31,505 | 100,720 | 804 | 2,691 | 133,490 | 109 | 2 | 6,517 | 1,181 | 22,654 | 33,040 |
| Australia, New Zealand, and South Africa. | 30,082 | 19,483 | 735 | 1,227 | 45,055 | 269 | 1,167 | 3,005 | 355 | $\left({ }^{\text {( })}\right.$$\left({ }^{\text {( })}\right.$ | 3,321 |
| Latin America. | 8,733 | 8,862 | 483 | 1,570 | 70,232 | 514 | (D) | 5,074 | 1,039 |  | 1,073 |
| South and Central America. | $\begin{array}{r} 3,926 \\ 152 \\ 109 \\ 672 \\ 1,957 \\ 582 \\ 452 \end{array}$ | $\begin{array}{r} 4,452 \\ 87 \\ 538 \\ 727 \\ 1,428 \\ 10 \\ (0) \\ (0) \end{array}$ | 69 | 435 | 19,727 | 338 | (D) | 2,084 | 316 | 631 | 857 |
| Argentina ....................... |  |  | -1 | 9 | 731 | ${ }_{9}^{27}$ |  |  | 13 |  |  |
| Mexico................... |  |  | - 25 | 80 | 3,548 | 137 | 1 | 389 | 34 | 109 | 338 |
| Panama |  |  | 91 | 264 | 11,061 | 26 | (0) | 998 | 228 | 180 |  |
| Venezuel |  |  | 12 4 | ${ }_{5}^{20}$ | 1,231 2,857 | 83 56 | (0) | 349 239 | 27 14 | 178 | ${ }_{(0)}^{(0)}$ |
| Other Western Hemisphere ... | 4,807 | 4,411 | 413 | 1,135 | 50,505 |  |  | 2,990 | 723 |  |  |
|  | 947 | 1,161 | 75 | ${ }_{1} 194$ | 14,062 | 40 | 1 | 491 | 141 | (0) | 84 |
| Netherlands Antilles. | 3,137 | (0) | 331 | (D) | 4,719 | 106 | (*) | 2,116 | 558 | (0) |  |
| United Kingdom Islands, Caribbean..... | 126 | 58 | ${ }^{-9}$ | 17 | 1,555 | ${ }^{20}$ | 5 | 92 | 3 | (1) | 2 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Middie East...... | 12,952 | 4,729 | 4 | 1,040 | 38,171 | 308 | 878 | 3,458 | 600 | 1,143 | 186 |
|  | 12,273 | 4,074 | -24 | 970 | 34,752 | (0) | (0) | 3,361 | 592 | ${ }_{931}$ | (D) |
| Kuwait ... | 4,520 | 1,079 | $-2$ | (0) | 13,435 | (0) | (0) | 1,588 | (0) |  | 0 |
| Saudi Arabia | 6,705 | 2,041 | -32 | 317 | $\begin{array}{r}\text { 10,903 } \\ \hline 1\end{array}$ | ${ }_{60}^{14}$ | (0) | 1,133 | 165 | (1) | ${ }^{2}$ |
| United Arab Emirates........................ | 90 | 16 | -1 | 1 | (0) | 1 | 0 | 81 |  | 0 | 0 |
|  | 201 | 173 | -5 | 10 | (0) | 6 | 0 | 131 | 9 | ( ${ }^{(1)}$ | 0 |
| Other Africa, Asia, and Pacific.. | 3,286 | 3,037 |  | 271 | 15,194 | 413 | (*) | 1,453 | 201 | 475 | 1,384 |
| Other Africa -....a.a.i.a.......... | ${ }_{3}^{124} 16$ | -29 | 12 | $7{ }^{7}$ | 14.708 | 29 384 | (0) |  |  | 474 |  |
| Hong Kong............................. | ${ }_{1}^{1,396}$ | 1,009 | -8 | ${ }_{166}^{265}$ | 14,615 9,68 | ${ }_{349}$ | 0 | ${ }^{1}, 985$ | 165 | 139 | ${ }^{270}$ |
| Philippines... | ${ }^{255}$ | ${ }^{628}$ | - ${ }^{-8}$ | (0) | (0) | ${ }^{5}$ | 0 | 131 | 5 | 73 | ${ }^{(0)}$ |
| Other ...................................... | 1,127 385 | 1,110 261 | $-9$ | $\stackrel{(1)}{36}$ | 2,563 | $\stackrel{(8)}{29}$ | $\left({ }^{0}\right.$ | 68 208 | 17 17 | 51 | (0) |
| United States..... | 6,042 | 4,355 | 309 | 499 | 37,390 | 26 | (0) | 1,059 | 267 | 177 | 242 |
| Addendum-OPEC ${ }^{2}$... | 12,153 | 4,320 | -23 | 769 | 26,365 | 377 | (1) | 3,313 | 555 | 716 | (1) |
| By industry: |  |  |  |  |  |  |  |  |  |  |  |
| Government. |  |  |  |  | 69,230 | 510 |  | 7.648 | ${ }_{3}^{1,013}$ | 2,090 | 1,727 |
| Individuals, estates, and trusts...... | ${ }^{49,866}$ | 54,476 | 940 | ${ }_{6}^{6,777}$ | 366,227 | 4,902 | 2.502 | 24.652 | 3,486 | 10,049 | 4,238 9,098 |
| ${ }^{\text {Agriculture }}$ | 54,692 | ${ }_{2,076}$ | ${ }^{4,346}$ | 3,822 | 127,985 5,572 | (93) | 38,157 | 47,804 355 | 6,122 90 |  | 9,098 |
| Mining... | 33,698 | 20,690 | 552 | 1,662 | 59,148 | 341 | 4,415 | 6,134 | ${ }^{726}$ | (0) | 3,961 |
| Construction |  | 4,748 |  |  | 38,367 |  |  | 17088 | 114 | 115 |  |
| Manufacturing .............................................. | 110,000 3,957 | $\begin{array}{r}142,251 \\ 7183 \\ \hline\end{array}$ | 3,564 53 53 | 24,845 $\substack{1169}$ 1 | $1,034,691$ 59,182 50 | $\begin{array}{r}2,489 \\ \hline 115\end{array}$ | (0) | - 57,952 | 7,245 | ${ }^{12,133}$ | 34,028 |
| Transportation, communication, and retail trade.............................. | $\begin{array}{r}3,957 \\ 21,668 \\ \hline\end{array}$ | 100,554 | 53 449 | $1,1,19$ 3,29 | ${ }^{189,182}$ | 198 93 | 3 | 4,715 | 621 | 23,794 | 24,576 |
| Banking............. | 12,207 | 42,859 | 187 | , 373 | 14,048 | 83 | (0) | 260 | 36 | 467 |  |
| Holding companies. | 27,506 | 36,635 | 903 | 5,300 | 244,850 | 2,073 | 2,532 | 13,633 | 2,781 | 7,730 | 2,248 |
| Other finance and insurance.. | 46,237 | 18,578 | 442 | 1,344 | ${ }^{64,690}$ |  | (3) | 2,706 | 454 | 174 | ${ }^{172}$ |
| Real estate .................... | 12,737 2,656 | 3,059 3,065 | 66 -3 | 425 629 | 19,634 50,274 | 288 12 | (0) ${ }^{2}$ | 10,252 595 | 1,931 58 | 2909 | 320 |

- Suppressed to avoid disclosure of data of individual companies.
*Less than $\$ 500,000( \pm)$ or 500 acres.

1. Consists of the European Communities (9) and Greece.
2. See footnote 1, table 5A.

Table 6A.-Employment of Nonbank U.S. Affiliates, 1980, Industry of Affiliate by Country of Ultimate Beneficial Owner
[Number of employees]

|  | $\begin{gathered} \text { All } \\ \text { Aoun- } \\ \text { couries } \end{gathered}$ | Canada | Europe |  |  |  |  |  | Japan | Austra-lia, New Zealand, and Africa | LatinAmerica | $\begin{gathered} \text { Middle } \\ \text { East } \end{gathered}$ | Other Asia, <br> $\underset{\text { Pacific }}{\text { and }}$ | UnitedStates | $\begin{aligned} & \text { Adden- } \\ & \text { dum } \\ & \text { dPEC }{ }^{-1} \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Total | Of which- |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | France | $\begin{aligned} & \text { Ger- } \\ & \text { many } \end{aligned}$ | Netherlands | United King. dom | Switzerland |  |  |  |  |  |  |  |
| All industries. | $\begin{array}{r} 2,033,932 \\ 25,247 \\ 101,050 \end{array}$ | $\begin{array}{r} 290,018 \\ 11,871 \\ 11,622 \end{array}$ | 1,477,099 | 206,359 | $\begin{array}{r} 375,865 \\ \left.\mathbf{(}^{( }\right) \end{array}$ |  | $\begin{array}{r} 428,237 \\ 988 \\ (\mathrm{D}) \end{array}$ | $\begin{array}{r} 154,813 \\ \left({ }^{(0)}\right. \\ \left({ }^{(D)}\right) \end{array}$ | $115,258$ | 29,231 <br> ( ${ }^{(1)}$ <br> (D) | $\begin{array}{r} 74,456 \\ \left({ }^{(0)}\right. \\ 3,462 \end{array}$ | 22,800 <br> ${ }^{\left({ }^{(0)}\right.}$ <br> ${ }^{(0)}$ | 11,961 <br> ( ${ }^{(1)}$ <br> (D) | $\begin{array}{r} 13,109 \\ 0 \\ \left({ }^{( }\right) \end{array}$ | 16,284 |
| Mining |  |  | 0,217 | 1,175 |  | (0) |  |  |  |  |  |  |  |  | 0 |
| Petroleum. |  |  | 85,069 | 5,923 | 1,355 | (D) |  |  |  |  |  |  |  |  | ${ }^{(0)}$ |
| Manufacturing. | 1,102,804 | 150,613 | 849,476 | 119,004 | 238,964 | 102,628 | 224,047 | 100,937 | 36,209 | 8,569 | 44,975 | 7,520 | 3,239 | 2,203 | 2,968 |
| Food and kindred products | $\begin{aligned} & 120,354 \\ & 283,401 \end{aligned}$ | 19,525 | 91,693 | 1,573 | 1,057 | 3,069 | 58,725 | (1) | 4,915 | (0) | (D) | (0) | ${ }^{(9)}$ | 0 | ${ }^{(\text {P }}$ |
| Chemicals and allied products. |  | 4,334 | 269,796 | 15,360 | 134,413 | ${ }^{(0)}$ | 47,461 | 35,624 | 2,230 | (D) | (D) | (D) | (D) | 0 | (1) |
| Industrial chemicals and synthetics Drugs | $\begin{array}{r} 121,009 \\ 33,056 \\ 3,762 \\ (0) \\ (0) \\ (0) \end{array}$ | (0) | $\begin{array}{r} 119,460 \\ 26,31 \\ \hline 9,140 \end{array}$ | $\underset{\substack{4,801 \\(0) \\(0)}}{\substack{0}}$ | $\begin{gathered} 46,815 \\ 1,076 \\ 1 \end{gathered}$ | $\left.\begin{array}{c} (0) \\ (0) \\ 0,0 \end{array}\right)$ | $3,4,406$ 4,685 4.542 |  | $\begin{gathered} (0, \\ 0, \\ 0, \\ 0,0 \end{gathered}$ | $\begin{gathered} 0 \\ 0 \\ (\mathbb{D}) \end{gathered}$ | $\begin{gathered} (0) \\ 0 \\ 0 \end{gathered}$ | $\begin{gathered} 0 \\ 0 \\ (\mathrm{D}) \end{gathered}$ | 0 0 0 (0) | 0 0 0 | 0 0 (0) |
| Soap, cleaners, and toilet goods Agricultural chemicals Other |  | (1) 2.551 258 208 | $\begin{gathered} 29,427 \\ (0) \\ (0) \\ (0) \end{gathered}$ | $\begin{aligned} & \left(p_{1}^{(0)}\right. \\ & 0 \\ & (0) \\ & (0) \end{aligned}$ | $\begin{aligned} & (0) \\ & (0) \\ & (0) \\ & (0) \end{aligned}$ | $\begin{gathered} (0) \\ 0 \\ 0 \\ 0 \\ (0) \end{gathered}$ | $\begin{array}{r} 4,542 \\ (0,5) \\ (0) \end{array}$ | 2,735 $\begin{gathered}\text { (0) } \\ \text { (D) } \\ \text { (0) }\end{gathered}$ | $\begin{aligned} & (0) \\ & (0) \\ & (0) \\ & (0) \end{aligned}$ | $\left(\begin{array}{r} (0) \\ 0 \\ 0 \end{array}\right)$ | $\begin{gathered} (0) \\ (0) \\ 0 \\ 0 \end{gathered}$ | $\left(\begin{array}{c} (0) \\ 0 \\ 0 \end{array}\right.$ | (0) | 0 0 0 | (0) 0 0 |
| Primary and fabricated metals... | 112,883 | 20,155 | 79,867 | 20,430 | 14,171 | (0) | 16,481 | $\left({ }^{(0)}\right.$ | (D) | 1,676 | 2,399 | 1,701 | (D) | (D) | (0) |
| Primary metal industries. Fabricated metal products.... | $\begin{aligned} & 75,308 \\ & 37,575 \end{aligned}$ | $\begin{array}{r} 15,459 \\ 4,696 \end{array}$ | $\begin{aligned} & 51,911 \\ & 27,956 \end{aligned}$ | $\begin{array}{r} 19,920 \\ 510 \end{array}$ | $\begin{aligned} & 4,208 \\ & 9,963 \end{aligned}$ | $\begin{aligned} & (0) \\ & (0) \\ & (0) \end{aligned}$ | $\begin{gathered} 1,277 \\ 15,204 \end{gathered}$ | $\begin{array}{r} (0) \\ 666 \end{array}$ | $\begin{array}{r} (0) \\ 279 \end{array}$ | $\left(\begin{array}{l} (\mathrm{D}) \\ (\mathrm{D}) \end{array}\right.$ | $\begin{array}{r} 370 \\ 2,029 \end{array}$ | $\begin{gathered} (\mathrm{p}) \\ (\mathrm{D}) \end{gathered}$ | ${ }_{(0)}^{(0)}$ | (0) | $\left({ }_{\text {(1) }}^{(0)}\right.$ |
| Machinery .... | $\begin{aligned} & 288,459 \\ & 115,952 \\ & 172,507 \end{aligned}$ | 50,934 | 192,854 | 5,572 | 33,173 | 58,820 | 49,931 | 12,626 | 12,169 | (0) | (0) | (D) | 186 | 146 | (0) |
| Machinery, except electrical Electric and electronic equipment |  | $\begin{aligned} & 20,608 \\ & 30,326 \end{aligned}$ | $\begin{array}{r} 85,340 \\ 107,514 \end{array}$ | $\begin{aligned} & 2,849 \\ & 2,723 \end{aligned}$ | $\begin{aligned} & 16,479 \\ & 16,694 \end{aligned}$ | $\begin{gathered} (0) \\ (0) \\ (0) \end{gathered}$ | $\begin{aligned} & 32,781 \\ & 17,150 \end{aligned}$ | $\begin{aligned} & 5,516 \\ & 7,110 \end{aligned}$ | $\begin{aligned} & 5,051 \\ & 7,118 \end{aligned}$ | $\stackrel{(1)}{\left.()_{0}\right)}$ | $\stackrel{(0)}{(0)}$ | (0) | (0) | (\%) | (1) |
| Other manufacturing.... | 297,707 | 55,665 | 215,266 | 76,069 | 56,150 | 4,304 | 51,449 | 10,298 | (D) | 4,569 | 6,791 | (0) | 665 | (0) | (b) |
| Textile products and appare | $\begin{aligned} & 29,354 \\ & 8,89 \\ & 36,89 \\ & 3,9417 \end{aligned}$ | 3986 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lumber, wood, furniture, and fixtures...... |  | 1,422 | (3,974 |  | 3,094 |  |  |  |  |  | 0 | $\begin{aligned} & 0 \\ & (0) \\ & 0 \end{aligned}$ | (1) | 0 | 0 |
| Paper and allied products.......................... Printing and publishing |  |  | $\begin{array}{r}28,198 \\ 11,670 \\ \hline\end{array}$ |  |  |  |  |  |  | (0) | (0) | ${ }^{(0)}$ | ${ }_{0}^{0}$ | ${ }_{\text {(0) }}(0)$ | (0) |
| Printing and publishing.......s. |  | ${ }_{3,938}$ | 17,983 | 136 | 6,807 | 2,876 | ${ }_{5,846}^{6,046}$ | (p) | 1,119 | (0) | (0) | 0 | (D) | (0) | (0) |
| Stone, clay, and glass products.. |  | $\begin{array}{r} 8,1582 \\ 11,593 \\ 69 \\ 69 \\ 625 \end{array}$ | 33,696 |  | 4,083 |  | 6,270 | 1,781 | 872 | (0) | 0 | 0 | 0 | (0) | 0 |
| Transportation equipment........... Instruments and related products. | $\begin{aligned} & 46,524 \\ & 66,029 \\ & 26,099 \\ & 20.898 \end{aligned}$ |  | 64,834 <br> 21,114 | 1,111 | 7,906 | (0) | ${ }_{\text {c }}^{162}$ | 2,045 | 2,232 | 0 | (0) | ${ }_{0}^{0}$ | (0) |  | ${ }_{0}^{0}$ |
| Other..................................... |  |  | 15,044 | 2,577 | (0) | (0) | 7,474 | 1,052 | (2) | (0) | (0) | (0) | 0 | 0 | - |
| Wholesale trade. | 217,062 | 14,330 | 129,840 | 28,174 | 33,416 | 3,692 | 34,970 | 10,902 | 54,734 | 10,447 | 2,695 | 2,046 | (D) | (0) | ${ }^{(0)}$ |
| Motor vehicles and equipment | 43,05829,7987,202544331,582 |  | 30,534 | (1) | 14,453 | (D) | 5,393 | (1) | 10,822 | (0) | 304 | (D) | 313 | 0 | 0 |
| Metals and minerals, except petro |  |  | $\xrightarrow[44,186]{ }$ | 6,609 | ${ }_{8,905}$ | 983 | 16,110 | 3.991 | 33,723 | 897 | 1,037 | (0) |  |  | ${ }_{\text {(0) }}$ |
| Farm product raw materials. |  |  | 22,528 | (D) | ${ }_{\text {(0) }}$ | 100 | ${ }_{6} 603$ |  | ${ }_{2} \mathbf{2} \mathbf{6 9 9}$ | 0 |  | 0 | (0) | 0 | 0 |
| Other nondurable goods... |  |  | 782 | 1,363 | (0) | 643 | 6,897 | (0) | 2,216 | 191 | 530 | (1) | (0) | ${ }^{(0)}$ | (D) |
| Retail trade | 304,380 | 36,026 | 242,403 | (1) | (0) | 21,111 | (0) | 18,358 | 3,705 | 3,497 | 16,199 | 0 | (0) | (0) | 0 |
| Food stores and eating and drinking places. | $\begin{aligned} & 203,234 \\ & 101,146 \end{aligned}$ | $\begin{gathered} 32,983 \\ 3,043 \end{gathered}$ | 167,813 | (1) | ${ }^{(0)}$ | (D) | (1) | (0) | (0) | 0 | ${ }^{0}$ | ${ }^{0}$ | ${ }^{(\text {(1) }}$ | ${ }^{0}$ | 0 |
| Retail trade, nec ............................. |  |  | 74,590 | 572 | 4,276 | ${ }^{(0)}$ | (0) | (0) | (0) | 3,497 | 16,199 | (D) | 2,319 |  |  |
| Finance, except banking | 24,790 | ${ }^{(0)}$ | 11,581 | ${ }^{(0)}$ | 268 | ${ }^{(0)}$ | 6,108 | (0) | 1,512 | ${ }^{(0)}$ | 59 | ${ }^{(1)}$ | 20 | (0) | (0) |
| Insurance | 62,302 | 8,401 | 45,056 | 206 | 2,912 | 8.580 | 27,823 | 5,140 | ${ }^{(0)}$ | (0) | ${ }^{(0)}$ | - | (D) | ${ }^{(0)}$ | 0 |
| Real estate..... | $\begin{array}{r} 19,748 \\ 176,549 \end{array}$ | 13,595 | 2,881 | 291 | 193 | 665 | 1,054 | 397 | 420 | (9) | 1,058 | 959 | ${ }^{\left({ }^{(0)}\right.}$ | 26 | 962 |
| Other industries. |  |  | 100,576 | (0) | (0) | 5,317 | 24,180 | 16,430 | (D) | 4,107 | ${ }^{(1)}$ | 8,702 | (D) | $\left({ }^{(0)}\right.$ | 8,072 |
|  | $\begin{array}{r} 9,460 \\ 76 \\ 42,944 \\ 35,949 \\ 2,304 \\ 85,816 \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Forestry and fishing. |  |  |  |  |  | 0 |  |  | ${ }^{0}$ | 0 | 0 | 0 | (0) | 0 | 0 |
| Transportation |  |  |  | 4,831 | 17,368 | 1,111 | 721 | 533 | ${ }_{6,887}^{199}$ | (0) | 1,165 | (0) | (0) | (D) | (0) |
| Communication and public utilities |  |  |  |  |  |  | (1) | 0 |  | 0 |  | 0 | 0 | 0 | 0 |
| Services ......................................... |  |  | 52,917 | 5,467 | 2,584 | 3,515 | 12,201 | 11,589 | 10,390 | (1) | 3,234 | 3,623 | 890 | (P) | (0) |

${ }^{\text {D }}$ Suppressed to avoid disclosure of data of individual companies.

1. See footnote 1, table 5A.

Table 6B.-Employment of Nonbank U.S. Affiliates, 1981, Industry of Affiliate by Country of Ultimate Beneficial Owner
[Number of employees]

|  | All <br> countries | Canada | Europe |  |  |  |  |  | Japan | Austra- <br> lia, New <br> Zealand, and South Africa | $\underset{\text { Latin }}{\text { America }}$ | Middle East | Other <br> Africa, Asia, and Pacific | United States | Adden-dumOPEC ${ }^{-1}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Total | Of which- |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | France | Germany | Netherlands | United Kingdom | Switzerland |  |  |  |  |  |  |  |
| All industries..... | 2,343,115 | 423,938 | 1,579,645 | 214,670 | 370,540 | 215,120 | 489,347 | 149,456 | 133,490 | 45,055 | 70,232 | 38,171 | 15,194 | 37,390 | 26,365 |
| Mining | 39,763 | 9,409 | 25,695 | (D) | ${ }^{\left({ }^{\text {d }} \text { ) }\right.}$ | ${ }^{(1)}$ | ( ${ }^{\text {) }}$ | ${ }^{(0)}$ | ${ }^{\text {( })}$ | (D) | (D) | (D) | ${ }^{(2)}$ | 0 | 0 |
| Petroleum ... | 125,591 | 9,485 | 110,533 | 6,652 | 1,527 | ( ${ }^{\text {d }}$ | ( ${ }^{\text {) }}$ | (D) | 231 | (D) | 4,585 | (D) | 0 | ( ${ }^{\text {( })}$ | ${ }^{(D)}$ |
| Manufacturing. | 1,280,835 | 280,573 | 855,259 | 113,066 | 223,616 | 118,800 | 231,548 | 94,909 | 47,370 | 22,787 | 44,304 | 7,761 | 4,004 | 18,777 | 2,848 |
| Food and kindred products..... | 127,137 | 19,180 | 92,534 | 4,070 | 1,029 | 2,979 | 57,744 | ${ }^{\left({ }^{\text {d }}\right)}$ | 4,252 | (D) | (D) | (D) | ${ }^{(D)}$ | (') | ${ }^{(1)}$ |
| Chemicals and allied products........ | 413,212 | ( ${ }^{\text {( })}$ | 255,630 | 13,909 | 127,128 | ${ }^{(0)}$ | 48,015 | 31,473 | ( ${ }^{\text {( })}$ | ${ }^{(0)}$ | (D) | (D) | (D) | 0 | ( ${ }^{\text {D }}$ |
| Industrial chemicals and synthetics .......... | 254,783 | (D) | (1) ${ }^{()^{2}}$ | 3,950 | 42,349 | ${ }^{(D)}$ | 34,999 | ${ }^{\left(7^{\text {( ) }} \text { ) }\right.}$ | 595 | 0 | (D) | 0 | 0 | 0 | 0 |
| Drugs cleaners, and toilet goods......................... | 31,945 30,431 | (0) | 24,842 27,679 | (D) | 1,043 | ${ }_{(0)}^{(D)}$ | 4,973 4,243 | 17,428 ${ }_{\text {( }{ }^{\text {P }} \text { ) }}$ | (D) | (0) | (D) | (0) | (0) | 0 | (P) |
| Agricultural chemicals ................ | ( ${ }^{(1)}$ | 2,475 | (0) | (D) | (D) | 0 | ${ }_{(0)}^{(0)}$ | (D) | (D) | 0 | (D) | 0 | 0 | 0 | 0 |
| Other ......................................... | ${ }^{(1)}$ | 1,712 | 15,276 | (D) | ( ${ }^{\text {P }}$ | ( ${ }^{\text {( })}$ | (D) | ${ }^{(D)}$ | ${ }^{(D)}$ | 0 | 0 | 0 | 0 | 0 | 0 |
| Primary and fabricated metals.................... | 108,376 | 23,125 | 67,459 | 11,090 | 6,452 | ( ${ }^{(1)}$ | 19,950 | (D) | (P) | 6,087 | 2,454 | 1,988 | ${ }^{(0)}$ | ${ }^{(0)}$ | ( ${ }^{\text {P }}$ |
| Primary metal industries... Fabricated metal products | 74,736 <br> 33,640 | $\begin{array}{r} 18,213 \\ 4,912 \end{array}$ | 43,679 23,780 | 10,230 | 4,030 2,422 | (D) ${ }_{\text {(D) }}$ | (1) ${ }_{\left(\mathcal{D}_{(\mathcal{D})}^{(1)}\right.}$ | (D) 689 | (D) | (b) (D) | 712 1,742 | (D) | (0) (0) | ( ${ }_{\text {( }{ }^{\text {a }} \text { ( }}$ | (0) |
| Machinery ................................. | 295,847 | ( ${ }^{\text {( })}$ | 198,011 | 5,570 | 35,490 | 56,469 | 51,178 | 12,235 | 20,234 | ( ${ }^{(1)}$ | (D) | ( ${ }^{\text {( })}$ | 186 | 146 | (0) |
| Machinery, except electrical | 135,551 | 17,532 | 90,586 | 2,829 | 17,974 | ${ }^{(D)}$ | 32,493 | (D) | 12,643 | (D) | (D) | (D) | (D) | (D) | ${ }^{(0)}$ |
| Electric and electronic equipment | 160,296 | (D) | 107,425 | 2,741 | 17,516 | (D) | 18,685 | (D) | 7,591 | 0 | (D) | 0 | ${ }^{(1)}$ | (D) | 0 |
| Other manufacturing. | 336,263 | 56,618 | 241,625 | 78,427 | 53,517 | 25,091 | 54,661 | 11,076 | 13,072 | 4,482 | 5,213 | (D) | (D) | ( ${ }^{(0)}$ | ${ }^{\text {( })}$ |
| Textile products and apparel ................... | 41,503 | 4,817 | 17,873 | (D) | 2,468 | (0) | 11,007 | 1,148 | 6,151 | 0 | (D) | 0 | ${ }^{(D)}$ | (1) | 0 |
| Lumber, wood, funiture, and fixtures ....... | 9,280 | 1,587 | 3,855 | (D) | 3,023 | (0) | (0) |  |  | ${ }^{(1)}$ | 0 | ( ${ }^{(1)}$ | ${ }^{(D)}$ |  | 0 |
| Paper and allied products.......................................... | 51,236 <br> 39756 | 7,408 24,048 | 42,220 11,974 | ${ }_{\text {(D) }}$ |  |  | ${ }_{7,501}^{\left({ }^{(0)}\right.}$ | (D) |  | (0) | (D) | (D) | 0 | (0) | (D) |
| Prubber and plastics products....................... | 27,639 | 24,048 ${ }_{\text {( }}$ | 19,224 | 136 | 6,796 | 2,559 | 7,498 | (0) | 1,073 | (D) | (D) | 0 | (D) | (D) | (0) |
| Stone, clay, and glass products...... | 42,443 | 7,605 | 33,403 | 21,117 | 3,840 | (0) | (5) | 1,566 | 827 | (D) | 0 | 0 | 0 | (D) | O |
| Transportation equipment........ | 71,829 | 698 | 70,391 | 42,504 | (D) | (0) | 350 | ${ }^{(5)}$ | (1) | 0 | 0 | 0 | (P) | 0 | 0 |
| Instruments and related products... | 26,388 | (D) | 20,583 | -930 | 7,226 | (0) | 6,860 | 3,390 | 2,272 | 0 | (D) | 0 | 0 | ${ }^{(0)}$ | 0 |
| Other ............................................ | 26,189 | 625 | 22,102 | 2,784 | 2,571 | (D) | 11,453 | 996 | ${ }^{\left({ }^{( }\right)}$ | (D) | (D) | ( ${ }^{\text {( }}$ | 0 | 0 | 0 |
| Wholesale trade. | 242,853 | 19,710 | 144,160 | 30,233 | 39,790 | 4,657 | 37,704 | 11,445 | 61,104 | 9,466 | 2,722 | 2,373 | $\left({ }^{\text {P }}\right.$ ) | (D) | ${ }^{(D)}$ |
| Motor vehicles and equipment | 52,119 | (D) | 38,152 | (D) | 19,991 | (D) | 5,159 | ( ${ }^{\text {D }}$ ) | 11,975 | ( ${ }^{\text {( ) }}$ | 304 | (0) | 323 | 0 | 0 |
| Metals and minerals, except petroleum | 34,689 | (D) | 16,262 | 658 | 3,778 | (D) | 7,771 | 154 | 5,336 | (D) | (B) | ${ }^{(0)}$ | 43 | ${ }^{0}$ | 0 |
| Other durable goods............. | 93,205 | 4,736 | 45,759 | 2,139 | 8,969 | 945 | 17,358 | 4,007 | 37,860 | 1,007 | 1,062 | (D) | 653 | (b) |  |
| Farm product raw materials................................... | 28,641 $\mathbf{3 4 , 1 8 1}$ | 9,660 | 24,769 19,218 | 1,470 | (D) | 264 835 | 603 6,813 | ( ${ }^{(0)}$ | 3,674 2,259 | 202 | ( ${ }^{(D)}$ | ${ }^{(0)}$ | (D) | (D) | (D) |
| Retail trade ........ | 334,383 | 40,465 | 266,634 | (D) | 72,773 | 28,820 | 94,310 | 14,581 | 3,664 | ${ }^{(1)}$ | 11,459 | 0 | 3,176 | (D) | 0 |
| Food stores and eating and drinking places. | 213,082 | 37,280 | 168,601 | ${ }^{(\mathbf{D})}$ | (D) | (D) | (D) | (D) | 2,124 | 0 | 0 | 0 | ( ${ }^{\text {( })}$ | (D) | 0 |
| Retail trade, nec .......................................... | 121,301 | 3,185 | 98,003 | 556 | (0) | (D) | (D) | (D) | 1,540 | ( ${ }^{\text {D }}$ | 11,459 | 0 | ( ${ }^{\text {( }}$ ) | (0) | 0 |
| Finance, except banking | 17,536 | 934 | 11,602 | ( ${ }^{\text {a }}$ ) | 339 | ( ${ }^{\text {P }}$ | 5,498 | 1,989 | 1,648 | ( ${ }^{\text {( })}$ | 59 | ${ }^{\left({ }^{\text {d }} \text { ) }\right.}$ | 20 | (D) | ( ${ }^{\text {d }}$ |
| Insurace ............................................. | 67,964 | 9,821 | 46,980 | 219 | 2,755 | 9,685 | 28,882 | 4,934 | (D) | ( ${ }^{\text {D }}$ ) | ${ }^{\left({ }^{\text {d }} \text { ) }\right.}$ | 0 | ( ${ }^{\text {) }}$ | (D) | 0 |
| Real estate. | 26,942 | 19,766 | 3,392 | 316 | 231 | 946 | 1,092 | 471 | 816 | $\left({ }^{(1)}\right.$ | 1,084 | 1,056 | ( ${ }^{\text {( })}$ | 26 | 1,064 |
| Other industries. | 207,266 | 33,775 | 115,390 | 13,463 | ( ${ }^{\text {) }}$ | 6,303 | 24,550 | 20,351 | ( ${ }^{\text {( })}$ | 4,638 | ${ }^{\left({ }^{\text {d }}\right)}$ | 22,362 | 5,646 | (D) | 16,998 |
| Agriculture........ | 9,355 | 206 | 5,973 | (D) | 982 | (D) | 1,440 | 1,929 | 234 | 0 | 1,005 | ${ }^{\left.()^{0}\right)}$ | ${ }_{(0)}^{(0)}$ | ( ${ }_{0}$ | 95 |
| Forestry and fishing........................................................................... | 93 55,978 | 5 2 2048 |  | 4,891 |  | (0) | ${ }_{(0)}^{(0)}$ | 3,608 | 199 | ${ }_{(0)}$ | ${ }_{(0)}^{(D)}$ | ${ }^{\left({ }^{(0)}\right.}$ | (D) | 0 | (0) |
| Transportation. | 42,440 | 19,433 | 6,504 | 329 | 2,350 | 1,147 | 721 | 533 | 6,684 | ${ }^{(9)}$ | 1,165 | (D) | ( ${ }^{\text {( }}$ | ( ${ }^{\text {D }}$ ) | (D) |
| Communication and public utilities. | 2,196 | 574 |  | (D) |  |  | $\left.{ }^{( }\right)$ | 0 |  | 0 | 0 | 0 | 0 | ${ }^{0}$ | 0 |
| Services................................................... | 97,204 | 11,509 | 63,117 | 7,101 | 4,402 | 3,250 | 13,292 | 14,281 | 10,587 | (D) | 2,994 | 3,259 | 856 | ( ${ }^{\text {P }}$ | ( ${ }^{\text {P }}$ |

${ }^{\text {D }}$ Supressed to avoid disclosure of data of individual companies

1. See footnote 1, table 5A.

Table 7A.-Total Assets of Nonbank U.S. Affiliates, 1980, Industry of Affiliate by Country of Ultimate Beneficial Owner
[Million of dollars]

|  | $\begin{aligned} & \text { All } \\ & \text { coun- } \\ & \text { tries } \end{aligned}$ | Canada | Europe |  |  |  |  |  | Japan | Australia, New Zealand, and South Africa | Latin America | Middle East | Other Africa, Asia, and Pacific | United States | Adden-dumOPEC |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Total | Of which- |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | France | Germany | Netherlands | United Kingdom | Switzerland |  |  |  |  |  |  |  |
| All industries... | 292,033 | 47,879 | 186,081 | 25,654 | 31,196 | 36,103 | 56,594 | 22,031 | 27,626 | 6,973 | 7,766 | 7,273 | 2,840 | 5,594 | 6.670 |
| Mining | 6,813 | 3,342 | 3,092 | 413 | 193 | ( ${ }^{\text {) }}$ | 136 | ( ${ }^{\text {) }}$ | 5 | (D) | 5 | ${ }^{(1)}$ | 2 | (D) | 0 |
| Petroleum .................................................... | 44,060 | 3,368 | 38,292 | (D) | 360 | (D) | ${ }^{(D)}$ | 160 | 894 | ${ }^{\left({ }^{(1)}\right)}$ | 1,208 | ( ${ }^{(1)}$ | 4 | 163 | (D) |
| Manufacturing............................................. | 81,684 | 13,140 | 60,542 | 9,253 | 17,766 | 6,132 | 14,646 | 7,650 | 3,885 | 519 | 2,806 | 384 | 217 | 191 | 194 |
| Food and kindred products..... | 8,203 | 2,636 | 4,868 | 235 | 94 | 161 | 2,714 | (D) | 355 | ( ${ }^{\text {( })}$ | (D) | ( ${ }^{\text {d }}$ | 130 | 0 | (D) |
| Chemicals and allied products.................... | 26,086 | 553 | 24,860 | 1,793 | 10,347 | 3,023 | 5,502 | 3,365 | 311 | (D) | ( ${ }^{\text {d }}$ | ( ${ }^{\text {( })}$ | ${ }^{(1)}$ | 0 | 5 |
| Industrial chemicals and synthetics........................................................... | 14,544 2,500 | (8) | 14,241 | 837 $\left({ }^{\text {D })}\right.$ | 5,329 | ( ${ }_{\text {(D) }}^{(0)}$ | $\begin{array}{r}4,488 \\ \hline 289\end{array}$ | (D) 1,673 | (D) 75 | 0 0 | 1 $(0)$ | 0 | 0 0 | 0 0 | 0 |
| Soap, cleaners, and toilet goods................. | 2,878 | (D) | 2,749 | (0) | 443 | (D) | (D) | (0) | (D) | ${ }^{(1)}$ | 4 | (D) | (D) | 0 | 5 |
| Agricultural chemicals ............................. | 4,845 | 371 | (D) | (D) | ( ${ }^{\text {P }}$ ) | 0 | (D) | 2 | (D) | 0 | (D) | 0 | 0 | 0 | 0 |
| Other ..................................................... | 1,320 | 20 | 1,299 | ${ }^{(1)}$ | ${ }^{(5)}$ | (D) | (D) | $\left({ }^{(0)}\right.$ | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Primary and fabricated metals................... | 10,277 | 1,869 | 6,704 | 1,704 | 1,288 | (D) | 1,141 | (D) | 1,194 | 111 | 271 | 124 | 3 | 1 | (D) |
| Primary metal industries.......................... | 7,595 | 1,556 | 4,615 | 1,673 | 402 | ${ }_{(0)}^{\text {( })}$ | 115 | ${ }^{(D)}$ | (D) | (D) | 153 | (D) | 0 | 0 | (D) |
| Fabricated metal products ........................ | 2,682 | 313 | 2,089 | 31 | 887 | ${ }^{(D)}$ | 1,025 | 70 | (D) | ${ }^{(D)}$ | 119 | ( ${ }^{(0)}$ | 3 | 1 | ${ }^{(5)}$ |
| Machinery ..... | 17,427 | 3,966 | 10,488 | 311 | 2,478 | 2,278 | 2,716 | 880 | 899 | (D) | (D) | ( ${ }^{(0)}$ | 9 | 14 | (D) |
| Machinery, except electrical .. | 7,645 | (D) | 4,932 | ${ }^{(D)}$ | 1,045 | ${ }^{(\mathbf{D})}$ | 1,664 | ${ }^{(D)}$ | 501 | (D) | (D) | ${ }^{(5)}$ | ${ }^{(D)}$ | ${ }^{(0)}$ | (0) |
| Electric and electronic equipment | 9,782 | (D) | 5,556 | (D) | 1,433 | (D) | 1,053 | (D) | 399 | 0 | ( ${ }^{\text {D }}$ | , | (D) | ${ }^{(D)}$ | 0 |
| Other manufacturing................... | 19,690 | 4,116 | 13,622 | 5,210 | 3,558 | ( ${ }^{\text {( })}$ | 2,572 | 687 | 1,125 | 271 | 244 | (D) | ${ }^{(0)}$ | 176 | (D) |
| Textile products and apparel ................... | 1,078 | 211 | 633 | 19 | 121 |  | 345 | 62 | 167 | ${ }^{0}$ | (D) | (D) | (0) | (D) | 0 |
| Lumber, wood, furniture, and fixtures......................... | 535 3,416 | ${ }_{(0)}^{(0)}$ | $\begin{array}{r}259 \\ 2,255 \\ \hline 20\end{array}$ | (D) | 168 | 5 0 | (0) | ${ }^{(0)}$ | (D) | ${ }^{(0)}$ | 0 | ${ }^{(0)}$ | 0 | 0 | 0 |
| Printing and publishing, | 2,064 | 1,038 | 736 | (0) | 327 | (D) | 289 | (D) | (D) | (D) | (D) | (*) | 0 | (D) | ${ }^{\left({ }^{\text {a }} \text { ) }\right.}$ |
| Rubber and plastics products............................... | 1,309 | 181 | 988 | (D) | 364 | 141 | 356 | (D) | 114 | (D) | (0) | 0 | 2 | 5 | 2 |
| Stone, clay, and glass products... | 4,436 | 1,710 | 2,648 | (D) | 460 | 3 | 320 | (D) | 27 | (0) | 0 | 0 | 0 | ${ }^{\left({ }^{\text {P }} \text { ) }\right.}$ | 0 |
| Transportation equipment........ | 4,476 | (D) | 4,356 | 2,521 | 1,560 | 4 | 7 | (D) | (D) | 0 | 0 | 0 | ${ }^{\left({ }^{( }\right)}$ | 0 | 0 |
| Instruments and related products............ | 1,357 | ${ }^{(0)}$ | 992 | 57 | 423 | ( ${ }^{\text {d }}$ ) | 254 | 129 | 197 | 0 | (D) | 0 | 0 | (0) | 0 |
| Other .................................................... | 1,019 | 20 | 755 | 198 | 91 | 4 | (D) | 38 | 4 | (D) | (D) | 2 | 0 | 0 | 0 |
| Wholesale trade. | 50,068 | 1,898 | 22,116 | 5,108 | 5,459 | 688 | 5,064 | 2,069 | 18,724 | (D) | 664 | 327 | ${ }^{(D)}$ | 143 | ${ }^{(D)}$ |
| Motor vehicles and equipment | 10,308 | (*) | 5,399 | (0) | 2,551 | (D) | 520 | 1 | 4,521 | (D) | 48 | ${ }^{(0)}$ | ${ }^{\left({ }^{(0)}\right)}$ | 0 | 0 |
| Metals and minerals, except petroleum ....... | 15,081 | 425 | 3,547 | 288 | 768 | (D) | 1,313 | 71 | 5,978 | ( ${ }^{\text {a }}$ | (D) | (D) | 69 | ${ }^{(D)}$ | 0 |
| Other durable goods.................................. | 13,373 | 610 | 6,185 | 278 | 1,630 | 104 | 2,136 | ( ${ }^{\text {d }}$ ) | 5,708 | 56 | 141 | (D) | ${ }^{\text {( }}$ ) | 4 | ${ }^{(D)}$ |
| Farm product raw materials....................... | 7,196 | 19 | 5,080 | ( ${ }^{\text {) }}$ | ${ }^{\left({ }^{\text {D }} \text { ) }\right.}$ | 44 | 547 | (D) | 2,014 | 0 | (D) | 0 | (D) | 0 | 0 |
| Other nondurable goods ............................. | 4,111 | 844 | 1,904 | 246 | (D) | ( ${ }^{\text {P }}$ | 547 | 119 | 503 | 68 | ( ${ }^{\text {P }}$ | 4 | 433 | (D) | 4 |
| Retail trade | 9,685 | 820 | 7,933 | ( ${ }^{\text {() }}$ | 1,788 | 744 | (D) | 307 | 161 | 116 | 559 | 0 | 94 | 3 | 0 |
| Food stores and eating and drinking places. | 4,551 | 624 | 3,832 | (D) | 1,698 | (D) | (D) | (D) | (D) | 0 | 0 | 0 | ${ }^{\left({ }^{\text {D }} \text { ) }\right.}$ | 0 | 0 |
| Retail trade, nec ..................................................................... | 5,135 | 196 | 4,101 | 59 | 1,91 | (9) | (P) | (D) | (D) | 116 | 559 | 0 | (D) | 3 | 0 |
| Finance, except banking. | 32,291 | 5,051 | 19,684 | (D) | 495 | 1,061 | 4,706 | ( ${ }^{\text {D }}$ | 2,082 | (D) | 421 | (D) | 132 | (D) | ( ${ }^{\text {P }}$ |
| Insurance...... | 36,240 | 9.869 | 20,974 | 255 | 2,938 | 3,513 | 9,872 | 3,700 | 375 | ( ${ }^{\text {) }}$ | (D) | 0 | 1 | (D) | 0 |
| Real estate.. | 19,872 | 7,764 | 7,134 | 416 | 1,153 | 2,056 | 1,938 | 874 | 654 | 86 | 1,414 | 1,843 | 862 | 115 | 1,906 |
| Other industries.. | 11,320 | 2,627 | 6,315 | 1,853 | 1,042 | ( ${ }^{\text {D }}$ | 1,424 | ${ }^{\text {D }}$ | 846 | 129 | (D) | 492 | (D) | 79 | 442 |
| Agriculture | 1,615 | 201 | 929 | ${ }_{\text {(0) }}^{64}$ | 268 | 28 | 204 | 234 | 22 | ${ }^{\left(D^{( }\right)}$ | 213 | ${ }_{(0)}^{38}$ |  | (D) | ${ }_{\text {( }{ }^{65} \text { ) }}$ |
| Construction .......... | 2,596 | 277 | 2,066 | (D) | 521 | 131 | 296 | (0) | 54 | (D) | (D) | (D) | (D) | 0 | ( ${ }^{\text {d }}$ |
| Transportation. | 2,388 | 1,568 | (D) | 30 | 85 | ( ${ }^{\text {D }}$ ) | (0) | 87 | ${ }^{\left({ }^{\text {D }} \text { ) }\right.}$ | (D) | (D) | (D) | (D) | (D) | 1 |
| Communication and public utilities ............... | +248 | -163 | (D) | (D) | 0 | 1 | (0) | 0 | ${ }^{(0)}$ | 0 | 0 | 0 | 0 | 0 | 0 |
| Services.................................................... | 4,372 | 409 | 2,742 | 785 | 148 | 452 | 765 | 194 | 567 | ( ${ }^{\text {) }}$ | 197 | 279 | 79 | (D) | 240 |

${ }^{\mathrm{D}}$ Suppressed to avoid disclosure of data of individual companies.

* Less than $\$ 500,000$.

1. See footnote 1, table 5A.

Table 7B.-Total Assets of Nonbank U.S. Affiliates, 1981, Industry of Affiliate by Country of Ultimate Beneficial Owner
[Millions of dollars]

${ }^{0}$ Suppressed to advoid disclosure of data of individual companies.

- Less than $\$ 500,000$.

1. See footnote 1, table 5A.

Table 8.-Employment and Property, Plant, and Equipment of Nonbank U.S. Affiliates, 1980-81, by State

|  | 1980 |  |  |  | 1981 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number of employees | Millions of dollars <br> Gross book value of property, ${ }^{\text {plant, and }}{ }^{\text {equipment }}{ }^{1}$ | Thousands of acres |  | Number of employees | Millions of dollars | Thousands of acres |  |
|  |  |  | Land owned | Mineral rights owned and leased |  | Gross book value of property, plant, and equipment ${ }^{1}$ | Land owned | Mineral rights owned and leased |
| Total. | 2,033,932 | 127,838 | 9.552 | 47,785 | 2,343,115 | 180,005 | 13,134 | 62,734 |
| New England... | 122,860 | 3,847 | 1,888 | 82 | 139,065 | 5,533 | 2,759 | 85 |
| Connecticut. | 34,948 | 964 | 9 | (*) | 40,128 | 1,218 | (D) | (0) |
| Maine ..................................................................................... | 14,471 | 748 | ${ }_{(0)}^{(0)}$ | (0) | ${ }_{5,578}^{17,692}$ | 1,645 1,603 1 | ${ }_{8}^{62}$ | (1) |
|  | 12,328 | ${ }_{332}^{1,256}$ | (D) | ${ }_{0}$ | 13,355 | ${ }_{4}$ | (0) | 0 |
| Rhode Island.............. | 6,914 | 271 | *) | (0) | 9,423 | 352 | 1 | ${ }^{(*)}$ |
|  | 6,298 | 276 | 61 | (0) | 5,889 | 312 | 62 | (D) |
| Mideast..... | 466,323 | 16,373 | 548 | 232 | 547,446 | 23,241 | 692 | 1,206 |
| Delaware. | 8,654 | 476 | 8 | (*) | 35,340 | 1,829 | 15 | (*) |
|  | (2,284 | - 1,63888 | $\stackrel{8}{86}$ | ${ }_{(0)}^{0}$ | - 43,939 | 2,047 |  | ${ }^{(0)}$ |
| New Jersey ......................... | 120,530 | 4,743 | 37 | (0) | 131,764 | 6,442 | 52 | (0) |
| New York............................................. | 179,292 | 5,329 | 271 | 60 | 204,393 | 7,113 | ${ }_{28}^{286}$ | ${ }_{65}^{65}$ |
|  | 114,645 | 3,790 | 197 | 162 | 129,110 | 5,361 | 297 | 1,114 |
| Great Lakes. | 368,054 | 15,591 | 245 | 2,362 | 378,485 | 18,696 | 554 | 3,254 |
| Illinois..... | 112,434 | 4,532 | 61 | (0) | 111,850 | 5,451 | 186 | 622 |
| Indiana....................................................................................... | 47,335 | ${ }_{3}^{1,632}$ | ${ }_{80}^{23}$ | (0) | ${ }_{65,570}^{44,81}$ | ${ }_{4}^{1,814}$ |  |  |
|  | 84,218 | 4,120 | 43 | 258 | 97,018 | 5,040 | 206 | 642 |
| Wisconsin ............................................................................... | 58,792 | 1,797 | 40 | ${ }^{(0)}$ | 59,666 | 2,242 | 41 | (1) |
|  | 103,196 | 6,506 | 611 | 8,198 | 109,410 | 8,281 | 636 | 10,270 |
| Iowa | 19,559 | 745 | 31 | (*) | 21,741 | 1,059 | 34 | (*) |
| Kansas ..... | ${ }_{3}^{13,824}$ | ${ }_{2}^{633}$ | $\begin{array}{r}65 \\ 310 \\ \hline\end{array}$ | 1,406 <br> 32 | 14,206 32536 |  |  | 1,702 |
| Missouri.... | ${ }_{30,268}$ | 1,463 |  | 100 | 31,123 | 1,852 | 107 | 217 |
| Nebraska | 5,169 | 261 | 75 | 1,452 | 5,225 | 183 | 79 | $\stackrel{2,230}{ }$ |
|  | 2,393 1,109 | 823 110 | 32 18 | 4,412 | 3,255 1,324 | 1,001 300 | 40 18 | 5,489 |
|  | 465,120 | 30,578 | 2,688 | 5,194 | 560,094 | 45,406 | 3,902 | 8,250 |
| Alabama ..................... | 22,698 | 1,851 | 326 | 212 | 26,501 | 2,759 | 625 | 749 |
| Arkansas .............................................................................................. | 14,780 | 415 | 74 | 449 | 17,397 | 626 | 78 | 550 |
|  | 65,923 | 4,432 | 424 | 891 | 69.983 | 5,424 | 481 | 801 |
|  | ${ }^{67,410}$ | 3,359 | 450 | $\stackrel{27}{ }$ | ${ }^{73,742}$ | 4,000 | 730 |  |
|  | -39,556 | 6,188 | 31 189 | 1,287 | 25,718 | 8,213 | 191 | 1,513 |
| Mississippi.. | 9,542 | 975 | 87 | 769 | 10,905 | 1,423 | 309 | 1,246 |
| North Carolina... | 67,522 | 2,746 | 208 | (0) | 86,349 | 5,481 | 256 |  |
| South Carolina... | 54,239 | 3,869 | ${ }^{339}$ | ( ${ }^{\text {( }}$ | ${ }^{64,898}$ | 5,236 <br> 169 | ${ }^{464}$ | ${ }_{719}^{20}$ |
| Tennessee ........... | 44,063 37,206 | 2,208 1,423 | ${ }_{96}^{391}$ | $\begin{array}{r}373 \\ 85 \\ \hline 8\end{array}$ | 55,285 <br> 49,115 | 3,693 2860 | 397 136 18 | ${ }_{365} 719$ |
|  | 18,978 | 1,915 | 73 | 636 | 34,835 | 3,932 | 181 | 1,599 |
| Southwest ....... | 176,979 | 17,771 | 1,203 | 7,840 | 234,424 | 28,927 | 1,556 | 10,283 |
| Arizona ... | 14,394 | 1,314 | 111 | 263 | 29,396 | 2,876 | 286 | 386 |
|  | 7,095 | 468 | 128 | 1,940 | 88,005 | 991 | 231 | 1,712 |
|  | 19,372 136.118 | 14,367 14,621 | $\begin{array}{r}30 \\ 934 \\ \hline\end{array}$ | 1933 4,703 | 24,459 172,564 | 22,410 | $\begin{array}{r}1,009 \\ \hline 3\end{array}$ | 6,670 |
| Rocky Mountains................................ | 37,921 | 3.912 | 1,087 | 12,775 | 51,844 | 7,458 | 1,377 | 15,066 |
| Colorado |  |  |  |  |  |  |  | 2,434 |
|  | ${ }_{3}^{19,708}$ | ${ }^{1,500}$ | ${ }^{391}$ | + ${ }^{2,151}$ | 3,795 | ${ }^{2} 102$ | 175 | 874 |
|  | 1,798 | 531 | ${ }_{23}^{233}$ | 4,150 | 2,830 | 1,176 | 331 | 5,684 |
| Utah <br> Wyoming | 9,473 3,007 | 684 936 | $\underset{\text { che }}{234}$ | 3,293 2,607 | 17,188 4,070 | $\begin{array}{r}1,765 \\ \mathbf{2 , 0 4 8} \\ \hline\end{array}$ | 305 92 | 3,203 2,871 |
| Far West... | 255,576 | 17,622 | 1,174 | 3,919 | 284,238 | 23,221 | 1,512 | 6,305 |
| California ........................................................................ | 219,636 | 15,117 |  |  |  | 19,605 |  | 1,321 |
|  | + 4.590 |  | (10) |  | 5, ${ }_{\text {5,854 }}^{12821}$ | 8807 | $\begin{array}{r}69 \\ 346 \\ \hline\end{array}$ | ${ }_{\text {2,641 }}^{185}$ |
|  | 21,121 | 1,617 | 55 | (D) | 25,329 | 2,292 | 302 | 1,747 |
| Alaska. |  |  |  |  |  |  |  |  |
| Hawaii. | 15,509 | 1,020 | 96 | (*) | 16,143 | 1,064 | 110 | (*) |
|  | 9,842 <br> 9,89 | 4,879 4,803 | ${ }_{5}^{1}$ | (0) | 3,043 3,073 | $\begin{array}{r}7,040 \\ \hline\end{array}$ | 2 | 5,228 |
| Foreign ${ }^{3}$....................................................................................... | 936 | 900 |  | (*) | 1,272 | 1,137 | 0 |  |

${ }^{\text {D }}$ Suppressed to avoid disclosure of data of individual companies.
Less than 500 acres.

1. Equals the gross book value of land, mineral rights, and all other property, plant, and equipment wherever carried in the balance sheet.
2. For employment, consists of employees of U.S. affiliates working abroad. For assets, consists primarily of movable fixed assets temporarily located outside the United States and any foreign assets, including mineral rights, carried directly on the U.S. affiliates' books

Table 9A.-Employment of Nonbank U.S. Affiliates, 1980, State by Country of Ultimate Beneficial Owner

${ }^{\square}$ Suppressed to avoid disclosure of data of individual companies.

1. See footnote 1, table 5A
2. See footnote 1, 2, table 3.

Table 9B.-Employment of Nonbank U.S. Affiliates, 1981, State by Country of Ultimate Beneficial Owner
[Number of employees]

|  | $\begin{gathered} \text { All } \\ \begin{array}{c} \text { Aloun- } \\ \text { coones } \end{array} \end{gathered}$ | Canada | Europe |  |  |  |  |  | Japan | AustraZealand, and South Africa | $\begin{aligned} & \text { Latin } \\ & \text { America } \end{aligned}$ | $\begin{gathered} \text { Middle } \\ \text { East } \end{gathered}$ | Other Asia, $\underset{\text { Pacific }}{\text { and }}$ | UnitedStates | AddenOPEC |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Total | Of which- |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | France | Ger- many | Netherlands | United dom dom | Switzerland |  |  |  |  |  |  |  |
| Total | 2,343,115 | 423,938 | 1,579,645 | 214,670 | 370,540 | 215,120 | 489,347 | 149,456 | 133,490 | 45,055 | 70,232 | 38,171 | 15,194 | 37,390 | 26,365 |
| New England. | 139,065 | 25,445 | 100,133 | 11,393 | 22,121 | 12,592 | 35,277 | 7,084 | 1,770 | 1,374 | 3,840 | 49 | 1,250 | 5,204 | 47 |
| Connecticut... | 40,128 | 4,382 | 34,463 9093 | 4,685 | 5,842 | (0) | 15,012 | 1,738 | $\begin{array}{r}173 \\ 87 \\ \hline\end{array}$ | (1) | 573 | (0) | (0) | 241 | (0) |
| Maine.......este. | 52,578 | 7,189 | $\begin{array}{r}9,093 \\ \hline 77,680 \\ \hline\end{array}$ | 1,500 | 1,085 10,783 | 2,712 | 14,267 | 2,023 | 948 | (0) | 1,231 | 18 | (0) | 3,317 | (0) |
| New Hampshir | 13,355 | 2,977 | 7,713 | 1,415 | $\stackrel{2,595}{ }$ | 767 | 1,848 <br> 289 | (b) | (0) | ( ${ }_{(0)}^{(\mathcal{D})}$ | (0) | 0 | (0) | (D) | 0 |
| Vermont .......................... | 5,889 | (0) | (0) | 1,821 | ${ }^{1,465}$ | 5 | - ${ }^{2,389}$ | 1,389 | (0) | (0) | (0) | 0 | 0 | (0) | (0) |
| Mideast. | 547,446 | 94,726 | 390,088 | 53,277 | 89,763 | 33,174 | 130,583 | 45.539 | 23.470 | 11,479 | 12,538 | 4.592 | 2,296 | 8.257 | 3,680 |
| Delaware | 35,340 | (1) | (0) | (0) | 872 | 301 | 4,424 | 19 | 10 | (D) | 15 | (0) | 0 | (D) | (D) |
| District of Columbia.. | 2,939 43,900 | 221 | 30,257 | 7,025 | 7,685 | 3,832 | 7,457 | 2,093 | 1,306 | 97 | (0) | (0) | 41 | (0) | (0) |
| New Jersey | ${ }^{131,764}$ | 14,436 | 101,624 | 10,934 | 27,013 | 98892 | 24,981 | 18,974 | 7,979 | 3,007 | 2,913 | (D) | (0) | 541 | (0) |
| $\xrightarrow{\text { New York........ }}$ | 204,393 129,110 | 18,114 | 145,048 103,747 | 20,133 <br> 13,664 | ${ }_{30,722}^{23,18}$ | 11,238 | 58,370 34,899 | 16,283 8,032 | 11,645 | $\begin{array}{r}7,658 \\ \hline 886\end{array}$ | 5,473 <br> 3,145 | 3,375 (0) | 1,576 | 6,394 768 | ${ }_{(0)}^{(0)}$ |
| Great Lakes. | 378,485 | 60,871 | 282,558 | 42,791 | 61,638 | 32,474 | 90,130 | 32,752 | 19,191 | 3,273 | 4,011 | 3,383 | 1,200 | 3,998 | (0) |
| Illinois.... | 111,850 | 17,687 | 80,129 | 6.734 | 15.862 | ${ }^{9} 805$ | 25,034 | 13,777 | 7,467 | 1,031 | 1,467 | 2,117 | 382 | 1,570 | (0) |
| Michigan.. | 65,070 | 15,638 | 43,206 | 9,774 | ${ }_{12,083}$ | ${ }_{3,556}^{8,870}$ | ${ }^{72,610}$ | ${ }_{2,492}$ | 3,562 | 250 | 1,293 | ${ }_{(0)}^{22}$ | ${ }_{(0)}^{80}$ | 885 | ${ }_{(0)}^{20}$ |
| Ohio | 97,018 | 12,735 | 77,599 | 11,508 | 17,332 | 5,303 | 25,629 | 11,517 | 2,924 | 276 | 1,156 | 320 | (0) | ${ }^{(0)}$ | 77 |
| Wisconsin | 59,666 | 8,842 | 44,598 | 10,292 | 5,698 | 5,440 | 19,089 | 2,638 | ${ }^{\left({ }^{\text {a }} \text { ) }\right.}$ | (0) | 6 | ${ }^{(0)}$ | (0) | ${ }^{(0)}$ | (0) |
| Plains. | 109,410 | 33,680 | 66,664 | 6,178 | 16,311 | 5,324 | 21,738 | 9,413 | 3,969 | 1,433 | ( ${ }^{\text {( ) }}$ | ${ }^{(1)}$ | 1,011 | 542 | 215 |
| Iowa.... | ${ }^{214,741}$ | 6,412 | 12.632 | ${ }^{768}$ | $\stackrel{2,294}{ }$ | 2,085 | 5,734 | 1,197 | ${ }^{\text {(1) }}$ | (0) |  | ${ }_{0}^{0}$ | ${ }^{(D)}$ | (0) | 0 |
| Minnesota | - ${ }_{32,536}^{14,206}$ | + $\begin{array}{r}2,449 \\ 14,968 \\ \hline\end{array}$ | -16,129 | 1,304 | ${ }_{3,667}^{2,847}$ | 1,228 | 3,800 4,800 | 4,047 | 680 | 346 | 51 | (0) | ${ }^{(12)}$ | (0) | (0) |
| Missouri. | 31,123 | 7,150 | 21,201 | 1,127 | 6,001 | 1,032 | 6,167 | 2,632 | 1,090 | ${ }^{(0)}$ | 421 | 41 | (0) | (0) | 35 |
| Nebraska | 5,225 3,255 | 1,744 | 3,522 1,220 | 345 89 | (D) | 255 | 1,128 | 1,036 | ${ }^{(0)}$ | (0) | (0) | (D) | (0) | (0) | (0) |
| South Dakota.... | 1,324 | , 536 | 635 | 21 | 19 | (0) | 460 | 32 | (0) | (P) | 0 | 0 | (0) | , |  |
| Southeast | 560,094 | 117,211 | 376,797 | 53,298 | 82,846 | 66,269 | 109,431 | 25,976 | 22,223 | 6,212 | 17,626 | 5,609 | 1,663 | 12,753 | 5,937 |
| Alabama. | 26,501 | 3.169 | 20,459 | 3,559 | 2,638 | 5,114 | 6,614 | 1,715 | (1) | 374 | ${ }^{\text {(1) }}$ | ${ }^{(0)}$ | (0) | (0) | (0) |
| Florida ... | 69,983 | ${ }^{9,374}$ | 51,432 | ${ }_{9,631}$ | 12,222 | 3,037 | 16,142 | 3,779 | ${ }_{2,210}^{2,46}$ | 504 | 3,748 | 206 | 739 | 1,770 | 1,433 |
| Georgia. | 73,742 | 12,297 | 49,655 | 6,907 | 8,825 | 6,943 | 16,058 | 2,633 | 5,315 | 1,841 | 947 | (0) | (0) | 2,042 | (0) |
| Kentucky | 25,366 | 6,198 | 16,529 | 1,735 | 5,338 | (0) | 5 5,731 | 463 | 355 | (0) | (1) | (0) | (D) | 616 | (0) |
| Louisiana | 45,718 | 7,845 | 31,244 | 2,766 | 9,042 | 8,879 | 6,222 | 2,550 | (P) | 90 | 3,971 | 2,108 | 0 | (0) | (0) |
| $\xrightarrow{\text { Mississippi }}$ North | 10,905 | - ${ }^{3,106}$ | 6,457 | ${ }_{6}^{951}$ | -1,327 | - 475 | 2,296 18786 | 661 798 | $\begin{array}{r}576 \\ \hline 260 \\ \hline 20\end{array}$ |  | 281 | 641 | (0) | (0) | ${ }^{(\text {D }}$ |
| South Carolina | - 64,8989 | 17,354 | - 46,338 | ${ }_{9}^{6,605}$ | 11,522 | ${ }^{10,979} 9$ | 18,786 9 9 | 2,726 | ${ }_{\substack{2,635}}^{2,260}$ | 140 | 281) | ${ }^{641}$ | (0) | (0) | 390) |
| Tennessee.. | 55,285 | ${ }^{12,779}$ | 35,668 | 4,037 | 4,493 | 11,555 | 7,887 | 5,225 | 2,574 | ${ }^{\left({ }^{(1)}\right)}$ | 1,564 | (D) | ${ }^{(0)}$ | 1,253 |  |
| Virginia ${ }_{\text {West }}^{\text {Virginia }}$ | 49, 4115 | 13,663 <br> 19,34 | 32,758 13,143 | $\begin{array}{r}4,669 \\ \hline 692\end{array}$ | 8,332 3,667 | 1,672 | 12,012 3,889 | 2,815 188 | ${ }^{797}$ | ${ }_{(010}^{610}$ | ${ }_{6}^{688} \mathbf{( 0 )}$ | $\stackrel{(1)}{(1)}$ | ${ }_{(0)}^{(0)}$ | ${ }_{(0)}^{439}$ | ${ }_{(0)}^{(0)}$ |
| Southwest.. | 234,424 | 41,755 | 152,161 | 20,769 | 41,548 | 30,677 | 38,538 | 9.588 | 6,822 | 10.117 | 10,359 | 10,973 | 579 | 1,658 | 6,294 |
| Arizona ${ }_{\text {New }}$ Mexico | 29,396 8,005 | ${ }_{1}^{6,626}$ | $\begin{gathered} 16.887 \\ 6.309 \end{gathered}$ | ${ }_{121}^{679}$ | 4,142 | 415 | $\underset{\substack{10,814 \\ 3235}}{ }$ | (0) | 518 60 | $\begin{aligned} & (0) \\ & 81 \end{aligned}$ | (0) | 317 190 | ${ }^{0}$ | (0) | (0) |
| Oklahoma..... | 24,459 | 7,567 | 14,511 | 1,504 |  |  | 3,565 | 1,084 | 539 | (0) | 872 | ${ }_{332}$ | (0) | (0) | (0) |
| Texas... | 172,564 | 26,448 | 114,454 | 18,465 | 30,596 | 27,534 | 20,924 | 7,612 | 5,705 | 5,387 | 8,387 | 10,134 | 576 | 1,473 | 5,851 |
| Rocky Mountains. | 51,844 | 11,335 | 33,784 | 5,8 | ${ }^{(0)}$ | ( ${ }^{\text {() }}$ | (0) | (9) | 681 | ${ }^{(1)}$ | 1,704 | 1,109 | ( ${ }^{(0)}$ | (D) | ( ${ }^{\text {( })}$ |
| Colorado. | 23.961 | 5,989 | 15.129 | 3,212 | 3,238 | 1,351 | 4,533 | 1,752 | 558 | 999 |  |  |  |  |  |
| Montana .... | 3,880 2780 17 | ${ }_{904}^{593}$ | 1,201 | 595 |  | 270) | (0) | 334) | 32 37 | (0) | ${ }_{(0)}^{(0)}$ | (1) | ${ }^{(1)}$ | 0 | (0) |
| Utah -.. | 17,188 | 2,278 | 13,782 | 738 | 1,058 | (0) | (1) | 88 | 39 | (D) | 191 | 154 | (0) | 81 | ${ }_{\text {1 }} 134$ |
| Far West.... | 284,238 | 36.451 | 166,715 | 19,041 | 50,374 | 28,623 | 44.880 | 15,713 | 40,969 | 8,393 | 14,980 | 11,318 | 1,713 | 3,699 | (0) |
| California ... | 240,774 | 28,792 | 138,552 | 14,247 |  |  |  |  |  |  |  | 10,540 |  |  |  |
| Nevada..... | 5,854 | +1,134 | 3,157 | +319 | 717 |  | 1,735 |  |  |  |  | ${ }^{274}$ | (0) |  | (0) |
|  | ${ }_{\text {25,329 }}$ | $\stackrel{4}{4,145}$ | \% $\begin{array}{r}8,879 \\ \hline 188\end{array}$ | ${ }_{3,119}^{1,356}$ | - 4,8162 | 3,586 | 1,498 3,495 | 1,146 | 2,778 | 1,068 | (0) | (0) | 35 | (D) | (D) |
| Alaska. | 8,578 | 576 |  | 21 | (0) |  | (9) | (0) | 3,585 |  | ${ }^{(0)}$ | 0 | (D) | (0) |  |
| Puerto Rico | 16,043 | 1,172 | ${ }_{5}^{5,448}$ | 1,577 | 571 | (0) | $\begin{array}{r}948 \\ 1.953 \\ \hline\end{array}$ | ${ }_{914}^{47}$ | 9,155 | (0) | 276 | ${ }_{(0)}^{0}$ | 3,991 | 621 | (0) |
| Other territories and offshore ${ }^{\text {a }}$. | 3,073 |  | 1,043 |  | (0) | 0 | 224 | (0) | (0) | 0 | (0) | 0 | 755 | (1) | 0 |
| Foreign ${ }^{3}$ | 1,272 | (0) | 666 | (3) | ${ }^{(0)}$ | 0 | () | 64 |  | (0) | () |  |  | 0 |  |

${ }^{\text {D }}$ Suppressed to avoid disclosure of data of individual companies.

1. See footnote 1 table 5 A .
2. See footnote 1 table 5 A .
3. See footnote 2 , table 3 .


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## CURRENT BUSINESS STATISTICS

THE STATISTICS here update series published in the 1979 edition of Business Statistics, biennial statistical supplement to the SURVEY of CURRENT Business. That volume (available from the Superintendent of Documents for $\$ 9.50$, stock no. 003-010-00089-9) provides a description of each series, references to sources of earlier figures, and historical data as follows: For all series, monthly or quarterly, 1975 through 1978, annually, 1947-78; for selected series, monthly or quarterly, 1947-78 (where available).

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\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multirow[t]{2}{*}{Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS} \& 1981 \& 1982 \& \multicolumn{4}{|c|}{1982} \& \multicolumn{10}{|c|}{1983} \\
\hline \& \multicolumn{2}{|l|}{Annual} \& Sept. \& Oct. \& Nov. \& Dec. \& Jan. \& Feb. \& Mar. \& Apr. \& May \& June \& July \& Aug. \& Sept. \& Oct. \\
\hline \multicolumn{17}{|c|}{GENERAL BUSINESS INDICATORS-Continued} \\
\hline \multicolumn{17}{|l|}{\begin{tabular}{l}
INDUSTRIAL PRODUCTION-Continued \\
Seasonally Adjusted-Continued \\
By market groupings-Continued \\
Final products-Continued
\end{tabular}} \\
\hline \begin{tabular}{l}
Durable consumer goods \(\qquad\) \(1967=100\). \\
Automotive products do
\end{tabular} \& 140.5 \& 129.2 \& 131.3
1355 \& 126.5
123.6 \& 124.6 \& 125.9 \& 131.6
136.2 \& 134.4 \& 136 \& 140.5
144.9 \& 145.5 \& 149.2
160.0 \& \begin{tabular}{|r|} 
\\
\\
\\
1629.9 \\
167.0
\end{tabular} \& '154.0

r167.5 \& \begin{tabular}{l}
p157.9 <br>
${ }^{\text {p1 }} 173.4$ <br>
\hline

 \& 

e158.0 <br>
<br>
<br>
\hline 171.2
\end{tabular} <br>

\hline Autorive products .................... di..... \& 111.2 \& 99.0 \& 105.8 \& 189.6
89 \& 86.9 \& 99.0 \& 107.0 \& 120.8 \& 116.4 \& 117.8 \& 124.9 \& 135.4 \& 145.4 \& 147.0 \& ${ }^{\text {P153.1 }}$ \& -149.8 <br>
\hline Autos ............................................ do.... \& 103.4 \& 86.6 \& 94.3 \& 79.5 \& 77.7 \& 87.9 \& 97.1 \& 107.3 \& 99.9 \& 102.7 \& 107.4 \& 118.3 \& 129.8 \& 132.0 \& ${ }^{\square} 135.0$ \& ${ }^{\text {e } 130.3}$ <br>
\hline Home goods.................................... do.... \& 142.0 \& 129.1 \& 128.9 \& 128.1 \& 126.8 \& 124.3 \& 129.1 \& 128.8 \& 132.8 \& 138.1 \& 141.8 \& 143.2 \& ${ }^{1} 144.9$ \& ${ }{ }^{1} 146.4$ \& ${ }^{\square} 149.3$ \& ${ }^{\text {e } 150.6}$ <br>
\hline Nondurable consumer goods $\qquad$ do.... \& 150.9
119.8 \& 148.0 \& 148.2 \& 148.5 \& 147.9 \& 148.4 \& 148.3 \& 147.0 \& 147.5 \& 150.5 \& 152.3 \& 153.6 \& ${ }^{\text {r }} 155.6$ \& ${ }^{\text {r }} 156.9$ \& ${ }^{\circ} 157.8$ \& ${ }^{\text {e } 158.2 ~}$ <br>
\hline Consumer staples ................................... do.... \& 159.5 \& 159.0 \& 158.8 \& 159.1 \& 158.1 \& 158.8 \& 158.6 \& 157.4 \& 158.1 \& 161.1 \& 162.8 \& 164.3 \& ${ }^{1} 166.1$ \& ${ }^{1} 167.7$ \& ${ }^{\square} 168.5$ \& ${ }^{\text {e }} 168.8$ <br>
\hline Consumer foods and tobacco .......... do...
Nonfood staples $\ldots . .$.
do............. \& 150.3
170.0 \& 149.7
169.7 \& 148.6 \& 150.2
169.5 \& 1689 \& 149.5
169.6 \& 150.9
167.6 \& 149.5
166.5 \& 148.4
169.4 \& 150.9
172.9 \& 153.2
174.0 \& 155.9
174.1 \&  \& ${ }^{156.1}$ \& ${ }^{\text {P181.8 }}$ \& ${ }^{\text {e }} 181.7$ <br>
\hline Equipment ............................................. do \& 151.8 \& 139.8 \& 135.2 \& 134.0 \& 134.2 \& 136.1 \& 135.3 \& 132.7 \& 133.8 \& 136.2 \& 136.5 \& 138.2 \& ${ }^{1} 141.0$ \& ${ }^{\text {r }} 143.1$ \& ${ }^{\text {P1 } 145.1}$ \& ${ }^{\text {e } 147.8}$ <br>
\hline Business equipment.............................................. \& 181.1 \& 157.9 \& 150.5 \& 147.1 \& 146.4 \& 148.1 \& 146.6 \& 142.7 \& 143.7 \& 146.9 \& 147.7 \& 150.2 \& ${ }^{1} 153.3$ \& ${ }^{1} 156.5$ \& ${ }^{\text {P1 } 158.8}$ \& ${ }^{\text {e } 162.3}$ <br>
\hline Industrial equipment \# .................. do.... \& 166.4 \& 134.9 \& 123.8 \& 118.3 \& 117.2 \& 117.9 \& 118.4 \& 113.7 \& 113.1 \& 113.5 \& 114.5 \& 116.3 \& ${ }^{1} 119.9$ \& ${ }^{1} 124.2$ \& ${ }^{\square} 125.9$ \& ${ }^{\text {e }} 128.9$ <br>
\hline Building and mining equip. ........... do....
Manufacturing equipment \& 286.2
127.9 \& 214.2
107.2 \& 182.1
1016 \& 169.3
98.0 \& $\begin{array}{r}165.7 \\ \mathbf{9 7 . 5} \\ \hline\end{array}$ \& 171.9
97.0 \& 173.8
97.6 \& 153.6
97.9 \& 145.3
99.7 \& 141.8

101.7 \& 146.2 \& 148.7 \& | 154.4 |
| ---: |
|  |
|  |
| 108.9 | \& '159.2

${ }^{1} 13.5$
'19.8 \& ${ }^{\square} 162.1$ \& ${ }^{\text {e }} 16117.7$ <br>
\hline Commercial, transit, farm eq. \# ...... do.... \& 198.0 \& 184.4 \& 181.4 \& 180.5 \& 180.2 \& 183.0 \& 179.2 \& 176.1 \& 179.2 \& 185.4 \& 186.1 \& 189.5 \& 191.9 \& ${ }^{1} 193.8$ \& ${ }^{\text {P1 }} 196.8$ \& ${ }^{\text {2 } 200.8 ~}$ <br>
\hline Commercial equipment ................ do.... \& 258.7 \& 253.5 \& 254.0 \& 253.5 \& 254.8 \& 258.6 \& 254.9 \& 251.2 \& 255.7 \& 264.3 \& 265.0 \& 270.9 \& г276.0 \& ${ }^{\text {r277.0 }}$ \& -281.1 \& ${ }^{2} 285.9$ <br>
\hline Transit equipment .......................... do.... \& 125.4 \& 103.9 \& 95.5 \& 93.2 \& 92.3 \& 96.2 \& 90.8 \& 88.2 \& 90.1 \& 92.0 \& 92.6 \& 93.2 \& 92.0 \& r95.9 \& ${ }^{\text {-97.4 }}$ \& ${ }^{\text {e } 101.0}$ <br>
\hline Defense and space equipment.............. do... \& 102.7 \& 109.4 \& 109.5 \& 111.9 \& 113.6 \& 115.9 \& 116.4 \& 116.1 \& 117.0 \& 118.2 \& 117.6 \& 118.0 \& ${ }^{\text {r }} 120.4$ \& '120.7 \& ${ }^{\text {P1 }} 122.0$ \& ${ }^{\text {c } 123.5}$ <br>
\hline Intermediate products .............................. do.... \& 154.4 \& 143.3 \& 143.7 \& 141.6 \& 141.8 \& 141.5 \& 143.7 \& 145.3 \& 147.8 \& 150.8 \& 152.2 \& 154.5 \& 158.1 \& '161.7 \& ${ }^{\text {p1 }} 163.2$ \& ${ }^{\text {c } 163.9}$ <br>
\hline Construction supplies .............................. do... \& 141.9 \& 124.3 \& 125.5 \& 122.5 \& 123.4 \& 123.0 \& 127.0 \& 129.7 \& 133.1 \& 136.4 \& 138.4 \& 142.1 \& 145.8 \& ${ }^{1} 149.2$ \& ${ }^{\square} 150.7$ \& ${ }^{\text {e }} 151.0$ <br>
\hline Business supplies .................................. do.... \& 166.7 \& 162.1 \& 161.8 \& 160.5 \& 160.1 \& 159.8 \& 160.3 \& 160.9 \& 162.3 \& 165.2 \& 166.0 \& 166.8 \& ${ }^{1} 170.4$ \& ${ }^{1} 174.1$ \& ${ }^{\text {P } 175.6 ~}$ \& <br>
\hline Materials .................................................... do... \& 151.6 \& 133.7 \& 132.0 \& 130.0 \& 128.4 \& 127.8 \& 132.0 \& 134.9 \& 137.6 \& 139.7 \& 141.7 \& 143.7 \& ${ }^{\prime} 147.8$ \& 149.6 \& ${ }^{\square} 151.7$ \& ${ }^{2} 153.0$ <br>
\hline Durable goods materials .......................... do.... \& 149.1 \& 125.0 \& 123.0 \& 118.5 \& 116.4 \& 116.5 \& 121.5 \& 125.3 \& 128.7 \& 132.4 \& 134.7 \& 137.0 \& ${ }^{1} 141.1$ \& ${ }^{1} 144.1$ \& ${ }^{1} 147.2$ \& ${ }^{\text {e } 149.3}$ <br>
\hline Nondurable goods materials ....................... do.... \& 174.6 \& 157.5 \& 158.5 \& 158.2 \& 157.3 \& 155.6 \& 159.7 \& 164.0 \& 167.5 \& 168.7 \& 172.1 \& 174.3 \& ${ }^{\text {r } 177.0}$ \& ${ }^{\text {'177.7 }}$ \& ${ }^{\text {P1 }} 181.0$ \& ${ }^{\text {c } 181.9}$ <br>
\hline Energy materials ...................................... do.... \& 129.0 \& 125.1 \& 121.0 \& 122.6 \& 121.4 \& 120.4 \& 123.0 \& 121.8 \& 121.9 \& 121.6 \& 121.1 \& 121.8 \& ${ }^{\text {r }} 227.7$ \& ${ }^{\text {r }} 128.3$ \& ${ }^{\square} 126.4$ \& ${ }^{\text {e } 126.1 ~}$ <br>
\hline \multicolumn{17}{|l|}{\multirow[t]{2}{*}{}} <br>
\hline Mining and utilities........................................ do.... \& 155.0 \& 146.3 \& 139.7 \& 140.4 \& 140.4 \& 140.1 \& 141.3 \& 137.5 \& 137.7 \& 138.9 \& 139.7 \& \& \& \& \& ${ }^{\text {e }} 145.1$ <br>
\hline Mining ................................................... do... \& 142.2 \& 126.1 \& 114.7 \& 115.9 \& 116.8 \& 118.4 \& 121.9 \& 115.6 \& 112.6 \& 111.6 \& 112.8 \& 112.6 \& ${ }^{1} 115.0$ \& ${ }^{1} 116.3$ \& ${ }^{\text {P1 } 117.4 ~}$ \& ${ }^{\text {e } 118.5}$ <br>
\hline Metal mining......................................... do... \& 123.1 \& 82.4 \& 55.4 \& 63.1 \& 70.4 \& 74.9 \& 81.7 \& 75.1 \& 75.2 \& 79.8 \& 84.4 \& 82.9 \& 82.5 \& ${ }^{\text {r }} 80.9$ \& -80.1 \& <br>
\hline Coal.................................................... do... \& 141.3 \& 142.7 \& 127.9 \& 143.2 \& 134.1 \& 129.7 \& 144.8 \& 136.5 \& 127.3 \& 125.3 \& 125.6 \& 124.6 \& 139.9 \& 141.2 \& ${ }^{\text {P1 }} 140.5$ \& ${ }^{\text {e }} 142.7$ <br>
\hline Oil and gas extraction \# ........................ do... \& 146.8 \& 131.1 \& 121.0 \& 119.1 \& 120.3 \& 122.9 \& 124.6 \& 117.0 \& 114.4 \& 112.2 \& 112.5 \& 112.6 \& ${ }^{1} 113.9$ \& ${ }^{\text {r } 115.0}$ \& ${ }^{-116.3}$ \& ${ }^{\text {e } 117.5 ~}$ <br>
\hline Crude oil ............................................ do. \& 95.1 \& 95.1 \& 94.9 \& 93.9 \& 94.6 \& 95.1 \& 96.5 \& 94.4 \& 95.3 \& 96.0 \& 95.3 \& 95.9 \& r95.7 \& ${ }^{\text {r }} 94.7$ \& -95.2 \& .......... <br>
\hline Natural gas ....................................... do... \& 111.8 \& 104.1 \& 101.3 \& 104.2 \& 103.5 \& 96.8 \& 1017 \& 96.5 \& 98.2 \& 97.9 \& 94.1 \& 87.4 \& 89.1 \& \& \& <br>
\hline Stone and earth minerals........................ do... \& 129.4 \& 112.1 \& 106.3 \& 108.5 \& 111.9 \& 111.7 \& 112.8 \& 115.7 \& 114.0 \& 117.7 \& 122.5 \& 121.7 \& ${ }^{\text {r }} 121.2$ \& '125.0 \& ${ }^{\text {p } 127.9 ~}$ \& <br>
\hline Utilities .................................................. do.. \& 169.1 \& 168.7 \& 167.5 \& 167.8 \& 166.7 \& 164.2 \& 163.1 \& 162.0 \& 165.8 \& 169.3 \& 169.7 \& 169.8 \& 176.0 \& ${ }^{\text {r }} 179.5$ \& ${ }^{\text {P } 176.4 ~}$ \& ${ }^{\text {e }} 174.8$ <br>
\hline Electric ................................................... do.... \& 190.9 \& 190.5 \& 188.2 \& 188.4 \& 188.3 \& 185.6 \& 184.4 \& 183.0 \& 188.2 \& 192.7 \& 192.9 \& 192.0 \& ${ }^{2} 200.9$ \& ${ }^{\text {r205.7 }}$ \& ${ }^{\text {-201.2 }}$ \& '198.7 <br>
\hline Manufacturing ............................................ do. \& 150.4 \& 137.6 \& 137.1 \& 135.0 \& 134.0 \& 134.5 \& 136.7 \& 138.2 \& 140.4 \& 143.1 \& 145.1 \& 147.4 \& ${ }^{\text {r }} 150.6$ \& ${ }^{\text {r }} 152.6$ \& ${ }^{\text {P1 } 154.8 ~}$ \& ${ }^{\text {- } 156.2}$ <br>
\hline Nondurable manufactures ........................... do.. \& 164.8 \& 156.2 \& 156.7 \& 156.2 \& 155.3 \& 155.6 \& 157.4 \& 159.0 \& 160.7 \& 163.3 \& 165.4 \& 167.8 \& ${ }^{1} 170.6$ \& ${ }^{\text {r } 172.5}$ \& ${ }^{\text {P1 }} 173.9$ \& ${ }^{\text {e } 174.6}$ <br>
\hline Foods ................................................... do... \& 152.1 \& 151.1 \& 149.0 \& 151.5 \& 152.0 \& 152.8 \& 154.4 \& 153.0 \& 152.0 \& 153.7 \& 155.6 \& 157.7 \& ${ }^{\text {'159.9 }}$ \& 159.0 \& \& <br>
\hline Tobacco products .................................. do... \& 122.2 \& 118.0 \& 113.3 \& 110.6 \& 113.0 \& 109.9 \& 104.7 \& 108.5 \& 113.4 \& 114.8 \& 112.9 \& 120.0 \& 112.9 \& 118.6 \& \& <br>
\hline Textile mill products ............................... do.... \& 135.7 \& 124.5 \& 126.1 \& 125.9 \& 123.1 \& 122.2 \& 125.8 \& 130.7 \& 131.9 \& 136.6 \& 139.6 \& 141.8 \& 146.7 \& r147.5 \& ${ }^{1} 147.7$ \& <br>
\hline  \& 120.4 \& 150.8 \& 4.3 \& 155.0 \& 4.5 \& 51.1 \& 58.8 \& 155.6 \& 156.3 \& 157.0 \& 161.5 \& 163.0 \& ${ }^{\text {r }} 165.1$ \& r168.2 \& ${ }^{\text {p1 }} 168.5$ \& ${ }^{\text {-168.0 }}$ <br>
\hline Printing and publishing .......................... do... \& 144.2 \& 144.1 \& 144.3 \& 142.0 \& 141.7 \& 142.8 \& 141.3 \& 144.0 \& 145.9 \& 145.7 \& 145.2 \& 147.4 \& ${ } 152.0$ \& ${ }^{\text {r }} 156.3$ \& \& -160.9 <br>
\hline Chemicals and products .................................. do.... \& 215.6 \& 196.1 \& 196.4 \& 194.1 \& 192.8 \& 195.9 \& 197.6 \& 202.3 \& 205.7 \& 208.5 \& 211.0 \& 214.7 \& '218.3 \& r220.4 \& -222.1 \& <br>
\hline Petroleum products ................................ do.. \& 129.7 \& 121.8 \& 122.6 \& 123.8 \& 120.0 \& 118.7 \& 113.5 \& 111.7 \& 114.8 \& 120.6 \& 123.8 \& 123.0 \& '124.3 \& ${ }^{\text {r }} 122.9$ \& ${ }^{\text {P1 }} 126.5$ \& ${ }^{\text {e } 123.7}$ <br>
\hline Rubber and plastics products ................. do... \& 274.0 \& 254.7 \& 262.0 \& 256.3 \& 250.2 \& 249.7 \& 256.2 \& 264.0 \& 272.0 \& 283.0 \& 288.0 \& 293.8 \& 296.1 \& ${ }^{\text {r }} 304.9$ \& $\bigcirc 309.3$ \& <br>
\hline Leather and products ............................. do... \& 69.3 \& 60.9 \& 60.9 \& 59.5 \& 57.7 \& 56.0 \& 59.5 \& 61.7 \& 59.4 \& 58.7 \& 59.6 \& 60.1 \& 62.3 \& 64.4 \& 95.1 \& <br>
\hline Durable manufactures .............................. do... \& 140.5 \& 124.7 \& 123.5 \& 120.3 \& 119.3 \& 119.9 \& 122.5 \& 123.9 \& 126.3 \& 129.1 \& 131.0 \& 133.2 \& 136.8 \& ${ }^{\text {r138.7 }}$ \& ${ }^{\text {P1 }} 141.6$ \& ${ }^{\text {c }} 143.5$ <br>
\hline Ordnance, pvt. and govt.......................... do.... \& 81.1 \& 86.9 \& 86.9 \& 89.5 \& 91.9 \& 92.5 \& 93.5 \& 93.3 \& 91.9 \& 93.2 \& 92.6 \& 93.3 \& 95.2 \& ${ }^{9} 96.8$ \& P98.5 \& ${ }^{69.8}$ <br>
\hline Lumber and products ............................. do.... \& 119.1 \& 112.6 \& 119.9 \& 117.2 \& 119.1 \& 121.4 \& 130.0 \& 130.2 \& 128.7 \& 132.1 \& 135.8 \& 137.4 \& 141.3 \& ${ }^{\text {r }} 141.6$ \& P141.5 \& <br>
\hline Furniture and fixtures .......................... do... \& 157.2 \& 151.9 \& 155.7 \& 154.3 \& 152.4 \& 153.7 \& 150.0 \& 154.0 \& 161.0 \& 167.7 \& 169.6 \& 173.1 \& ${ }^{1} 175.2$ \& '179.0 \& ${ }^{2} 179.8$ \& <br>
\hline Clay, glass, and stone products................ do.... \& 147.9 \& 128.2 \& 130.4 \& 128.1 \& 127.3 \& 125.4 \& 128.0 \& 131.8 \& 135.6 \& 138.3 \& 139.2 \& 141.7 \& 145.8 \& ${ }^{\text {r }} 148.2$ \& -151.4 \& <br>
\hline Primary metals...................................... do.... \& 107.9 \& 75.3 \& 73.2 \& 69.6 \& 63.6 \& 63.5 \& 73.1 \& 77.9 \& 81.2 \& 83.1 \& 84.9 \& 84.8 \& 85.5 \& ${ }^{\text {r }} 87.2$ \& ${ }^{\text {P91.3 }}$ \& -94.1 <br>
\hline Iron and steel ....................................... do... \& 99.8 \& ${ }_{6}^{61.7}$ \& 56.4 \& 54.1 \& 47.5 \& 46.6 \& 59.0 \& 64.3 \& 66.9 \& 68.5 \& 69.5 \& 69.7 \& 71.8 \& ${ }^{7} 75.1$ \& ${ }^{\text {P78.1 }}$ \& <br>
\hline Nonferrous metals .............................. do.... \& 122.4 \& 99.7 \& 106.2 \& 95.5 \& 92.2 \& 94.2 \& 100.6 \& 102.6 \& 107.3 \& 105.4 \& 110.0 \& 110.7 \& ${ }^{\text {r112.6 }}$ \& ${ } 108.1$ \& ${ }^{-113.4}$ \& <br>
\hline Fabricated metal products....................... do.... \& 136.4 \& 114.8 \& 112.3 \& 107.6 \& 107.0 \& 107.3 \& 107.6 \& 110.3 \& 113.9 \& 115.3 \& 115.5 \& 118.5 \& ${ }^{1} 122.7$ \& ${ }^{\text {r1 }} 126.0$ \& ${ }^{-128.2}$ \& ${ }^{1} 129.3$ <br>
\hline Nonelectrical machinery ........................ do.... \& 171.2 \& 149.0 \& 144.9 \& 140.4 \& 139.6 \& 139.2 \& 138.0 \& 136.2 \& 138.6 \& 143.1 \& 146.1 \& 149.5 \& 154.2 \& ${ }^{\text {r157.2 }}$ \& ${ }^{\text {P1 }} 158.5$ \& -161.9 <br>
\hline Electrical machinery ............................... do. \& 178.4 \& 169.3 \& 167.0 \& 165.4 \& 165.5 \& 165.5 \& 169.5 \& 168.9 \& 173.8 \& 177.2 \& 180.1 \& 182.4 \& ${ }^{1} 188.3$ \& '189.2 \& ${ }^{1} 194.4$ \& ${ }^{-198.1}$ <br>
\hline Transportation equipment ...................... do. \& 116.1 \& 104.9 \& 105.3 \& 100.8 \& 100.2 \& 103.7 \& 106.3 \& 109.6 \& 110.1 \& 111.4 \& 113.8 \& 116.6 \& 119.7 \& ${ }^{\text {r}} 121.1$ \& ${ }^{1} 124.7$ \& ${ }^{-125.6}$ <br>
\hline Motor vehicles and parts ...................... do \& 122.3 \& 109.8 \& 113.5 \& 103.0 \& 101.7 \& 108.8 \& 113.9 \& 123.0 \& 123.2 \& 125.5 \& 130.4 \& 136.2 \& 142.3 \& ${ }^{\text {r } 144.3}$ \& ${ }^{-150.7}$ \& -151.1 <br>
\hline Instruments ........................................... do. \& 170.3 \& 161.9 \& 161.9 \& 157.4 \& 155.8 \& 155.2 \& 154.5 \& 153.4 \& 154.0 \& 155.1 \& 156.0 \& 156.1 \& 159.3 \& ${ }^{1} 161.6$ \& ${ }^{1} 163.5$ \& ${ }^{\text {e } 163.7}$ <br>
\hline BUSINESS SALES \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Mfg. and trade sales (unadj), total $\ddagger$............ mil. \$. \& 4,273,188 \& 4,130,150 \& 349,333 \& 343,970 \& 342,005 \& 357,536 \& 315,375 \& 323,346 \& 364,720 \& 349,802 \& 365,513 \& 386,210 \& 352,703 \& 「375,256 \& 387,228 \& <br>
\hline Mfg. and trade sales (seas. adj.), total $\ddagger \ldots . . \ldots \ldots . . .$. do... \& 24,273,188 \& '4,130,150 \& 342,882 \& 336,905 \& 338,722 \& 338,391 \& 345,337 \& 341,490 \& 348,009 \& 351,407 \& 363,925 \& 373,572 \& 372,434 \& ェ374,434 \& 380,028 \& <br>
\hline Manufacturing, total $\dagger$.................................. do.... \& 12,017,545 \& '1,910,119 \& 160,458 \& 154,194 \& 154,318 \& 154,543 \& 158,239 \& 158,081 \& 161,803 \& 163,372 \& 167,965 \& 173,920 \& 172,598 \& r175,989 \& 178,887 \& <br>
\hline Durable goods industries .......................... do... \& 1,006,465 \& 922,115 \& 76,419 \& 72,478 \& 73,005 \& 73,495 \& 77,744 \& 77,769 \& 79,595 \& 80,548 \& 82,669 \& 86,582 \& 85,646 \& '87,918 \& 89,206 \& <br>
\hline Nondurable goods industries....................... do... \& 1,011,080 \& 988,004 \& 84,039 \& 81,716 \& 81,313 \& 81,048 \& 80,495 \& 80,312 \& 82,208 \& 83,824 \& 85,296 \& 87,338 \& 86,952 \& -88,071 \& 89,681 \& <br>
\hline Retail trade, total §..................................... do.. \& 1, $1,047,573$ \& ${ }^{1} 1,075,679$ \& 89,897 \& 90,905 \& 92,492 \& 92.459 \& 92,308 \& 91,164 \& 93,263 \& 95,449 \& 98,431 \& 99.173 \& 99,521 \& -97,801 \& 99,111 \& <br>
\hline Durable goods stores.................................. do.... \& 316,020 \& 320,868 \& 26.619 \& 27,154 \& 28,721 \& 28,723 \& 28,307 \& 27,490 \& 29,160 \& 30,668 \& 32,124 \& 32,663 \& 32,539 \& - 30,893 \& 31,972 \& ……... <br>
\hline Nondurable goods stores ............................. do.... \& 731,553 \& 754,811. \& 65,278 \& 63,751 \& 63,771 \& 63,736 \& 64,001 \& 63,674 \& 64,103 \& 64,781 \& 66,307 \& 66,510 \& 66,982 \& ${ }^{\prime} 66,908$ \& 67,139 \& ............ <br>
\hline Merchant wholesalers, total @....................... do... \& ${ }^{1} 1,208.070$ \& 11,144,352 \& 92,827 \& 91,806 \& 91,912 \& 91,389 \& 94,790 \& 92,245 \& 92,943 \& 92,586 \& 97,829 \& 100,479 \& 100,315 \& \& \& - <br>
\hline Durable goods establishments ................... do... \& 509,743 \& 457,713 \& 37,208 \& 37,645 \& 37,900 \& 37,756 \& 39,617 \& 37,222 \& 37,570 \& 37,758 \& 39,519 \& 42,009 \& 41,889 \& * 41,455 \& 42,266 \& ............. <br>
\hline Nondurable goods establishments .............. do.... \& 698,327 \& 686,639 \& 5,319 \& 54,161 \& 54,612 \& 53,633 \& 55,173 \& 55,023 \& 55,373 \& 54,828 \& 58,010 \& 58,470 \& 58,426 \& $\times 59,189$ \& 59,764 \& ......... <br>

\hline | Mfg. and trade sales in constant (1972) dollars |
| :--- |
| (seas adj.), total | \& \& \& 152.8 \& 149.5 \& 151.2 \& 1512 \& 155.4 \& 153.9 \& 156.2 \& 156.0 \& 161.6 \& 165.8 \& 164.1 \& \& 166.0 \& <br>

\hline Manufacturing * ..................................... ..... do... \& \& \& 69.9 \& 67.2 \& 68.4 \& 67.6 \& 70.1 \& 70.0 \& 71.5 \& 72.0 \& 73.7 \& 76.1 \& 74.9 \& 776.4 \& 76.9 \& <br>
\hline Retail trade * .............................................. do.. \& \& \& 46.2 \& 45.9 \& 47.0 \& 47.0 \& 47.0 \& 46.9 \& 47.8 \& 47.7 \& 49.1 \& 49.8 \& 49.8 \& '49.0 \& 49.6 \& <br>
\hline Merchant wholesalers * ................................. do.. \& \& \& 36.8 \& 36.4 \& 36.8 \& 36.6 \& 38.2 \& 36.9 \& 36.9 \& 36.3 \& 38.8 \& 39.8 \& 39.5 \& r39.3 \& 39.5 \& <br>
\hline
\end{tabular}

See footnotes at end of tables

| Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS | 1981 | 1982 | 1982 |  |  |  | 1983 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Annual |  | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. |

GENERAL BUSINESS INDICATORS-Continued


See footnotes at end of tables.

| Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shownin the 1979 edition of BUSINESS STATISTICS $\rightarrow$ the 1975 edad | 1981 | 1982 | 1982 |  |  |  | 1983 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Annual |  | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. |

GENERAL BUSINESS INDICATORS-Continued


| Unless otherwise stated in footnotes below，data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS | 1981 | 1982 | 1982 |  |  |  | 1983 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Annual |  | Sept． | Oct． | Nov． | Dec． | Jan． | Feb． | Mar． | Apr． | May | June | July | Aug． | Sept． | Oct． |

GENERAL BUSINESS INDICATORS－Continued

| MANUFACTURERS＇SALES，INVENTORIES， AND ORDERS $\dagger$－Continued |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Unfilled orders，end of year or month（unadjusted）， total $\dagger$ $\qquad$ mil．\＄． | 321，402 | 299，731 | 298，080 | 297，647 | 294，619 | 299，731 | 307，683 | 308，490 | 311，178 | 313，705 | 313，139 | 314，420 | 316，018 | r316，747 | 318，244 |  |
| Durable goods industries，total ．．．．．．．．．．．．．．．．．．．．．do．．．． | 311，635 | 290，757 | 289，196 | 288，861 | 285，883 | 290，757 | 298，447 | 299，227 | 301，397 | 303，720 | 303，057 | 304，334 | 305，658 | 「306，099 | 307，274 |  |
| Nondur．goods ind．with unfilled orders $\ddagger . . .$. do．．． | 9，767 | 8，974 | 8，884 | 8，786 | 8，736 | 8，974 | 9，236 | 9，263 | 9，781 | 9，985 | 10，082 | 10，086 | 10，360 | ${ }^{\text {r }} 10,648$ | 10，970 |  |
| Unfilled orders，end of year or month（seasonally adjusted）total $\dagger$ ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．mil．\＄． By industry group： | 323，346 | 300，971 | 301，678 | 299，846 | 298，132 | 300，971 | 305，599 | 305，268 | 306，053 | 309，015 | 310，922 | 315，488 | 318，348 | r320，664 | 322，776 |  |
| Durable goods industries，total \＃．．．．．．．．．．．．．．．do．．．． | 313，337 | 291，764 | 292，760 | 291，017 | 289，079 | 291，764 | 296，374 | 296，049 | 296，407 | 299，270 | 301，053 | 305，374 | 307，963 | r310，024 | 311，753 |  |
| Primary metals．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．．． | 26，304 | 20，160 | 21，656 | 20，931 | 20，864 | 20，160 | 20，627 | 22，308 | 22，567 | 22，561 | 23，042 | 23，410 | 23，830 | ${ }^{\mathbf{r} 24,788}$ | 25，648 |  |
| Blast furnaces，steel mill $\qquad$ do．． <br> Nonferrous and other primary met．．．．．．do．．．． | 15,779 7,403 | $\begin{array}{r} 11,891 \\ 6,130 \end{array}$ | 12,796 <br> 6,569 | 12，492 | 12,370 6,339 | 11,891 6,130 | 12,168 <br> 6,296 | $\begin{array}{r}13,204 \\ 6,944 \\ \hline\end{array}$ | $\begin{array}{r}13,388 \\ 6,982 \\ \hline\end{array}$ | 13，281 | 13,672 7,079 | $\begin{array}{r} 13,660 \\ 7,394 \end{array}$ | $\begin{array}{r} 14,038 \\ 7,405 \end{array}$ | $\begin{array}{r} \mathrm{r} 14,650 \\ \mathrm{r} 7,812 \end{array}$ | $\begin{array}{r} 15,400 \\ 7,778 \end{array}$ |  |
| Fabricated metal products ．．．．．．．．．．．．．．．．．．．．．do．．．． | 28，784 | 21，531 | 24，127 | 23，599 | 22，626 | 21，531 | 21，403 | 21，052 | 21，255 | 21，003 | 21，012 | 21，090 | 20，967 | ${ }^{\text {r } 20,982 ~}$ | ${ }^{20,824}$ |  |
| Machinery，except electrical ．．．．．．．．．．．．．．．．．．．do | 73，517 | 55，697 | 59，306 | 58，874 | 57，524 | 55，697 | 54，703 | 53，859 | 53，999 | 54，690 | 55，213 | 55，455 | 54，888 | －55，168 | 56，633 |  |
| Electrical machinery ．．．．．．．．．．．．．．．．．．．．．．．．．．．do | 54,037 115,556 | 60,600 120898 | 57,787 116,140 | 58,303 115,779 | 59,223 115,619 | 60,600 120 | 60,828 126003 | 61，246 | 61,408 123 | 61,967 125,463 | 63,078 124 | 63,317 127593 | 65，076 | ${ }^{\text {r } 66,192}$ | 66，824 |  |
| Transportation equipment ．．．．．．．．．．．．．．．．．．．．．．．．do Aircraft，missiles，and parts ．．．．．．．．．．．．．．．．．do | 115,556 88,640 | $\begin{array}{r}120,898 \\ \hline 92669\end{array}$ | －116，140 | －115，791 | $\begin{array}{r} 115,619 \\ 91,806 \end{array}$ | 120,898 92,669 | $\begin{array}{r} \mathbf{1 2 6 , 0 0 3} \\ 96,483 \end{array}$ | 124，576 95,883 | $\left\|\begin{array}{\|c\|} 123,997 \\ 95,873 \end{array}\right\|$ | $\begin{array}{r} 125,463 \\ 97,112 \end{array}$ | 124,783 95,954 | $\begin{array}{r} 127,593 \\ 98,181 \end{array}$ | $\begin{array}{r} 128,279 \\ 97,612 \end{array}$ | $\left\|\begin{array}{r} { }^{128,020} \\ \text { 97,203 } \end{array}\right\|$ | $\begin{array}{r} 126,705 \\ 97,044 \end{array}$ |  |
| Nondur．goods ind．with unfilled orders $\ddagger$ ．．do．．．． | 10，009 | 9，207 | 8，918 | 8，829 | 9，053 | 9，207 | 9，225 | 9，219 | 9，646 | 9，745 | 9，869 | 10，114 | 10，385 | ${ }^{\text {r }} \mathbf{1 0 , 6 4 0}$ | 11，023 |  |
| By market category：$\dagger$ ， |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Home goods，apparel，consumer staples ．．．．．．do．．．． | $\begin{array}{r} 5,251 \\ 1090913 \end{array}$ | 4，272 | 4，169 | 4，078 | 4，123 | 4，272 | 4，350 | 4，473 | 4，348 | 4，334 | 4，790 | 4，783 | 4，890 | T4，992 | 4，959 |  |
| Equip．and defense prod．，incl．auto ．．．．．．．．．．．do | 192，213 | 188，308 | 186，110 | 185，586 | 184，851 | 188，308 | 191，201 | 189，596 | 187，963 | 190，969 | 181,312 | 194，009 | 194，378 | 「194，659 | 195，566 |  |
| Construction materials and supplies ．．．．．．．．．．．do | 17，125 | 12,769 $\mathbf{9 5 , 6 2 2}$ | 14，594 | 14，323 | ${ }_{95,527}^{13,631}$ | 12，769 | 12,707 97 | 12,478 98 | 13，003 | 12，889 | 12，627 | 12，691 | 12，523 | ${ }^{\text {r }} 12,685$ | 12，620 |  |
| Supplementary series： |  |  |  |  |  |  |  | 98，7 | 100，739 | 100，823 | 102，293 | 104，005 | 106，557 | －108，328 | 109，631 |  |
| Household durables．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．．．．．．． | 3，909 | 3，032 | 3，003 | 2，953 | 2,969 | 3，032 | 3，095 | 3，189 | 3，159 | 3，156 | 3，572 | 3，575 | 3，726 | r3，809 | 3，702 |  |
| Capital goods industries ．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．．． | 224，377 | 219，633 | 216，384 | 215，912 | 215，279 | 219，633 | 223，367 | 221，843 | 221，290 | 223，562 | 223，780 | 227，053 | 227，281 | 「226，847 | 227，585 |  |
| Nondefense ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．．．． | 146，301 | 122，942 | 127，129 | 126，046 | 124，718 | 122，942 | 122，251 | 120，664 | 118，658 | 119，122 | 119，744 | 120，405 | 119，416 | ＇119，880 | 121，198 |  |
| Defense．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．．． | 78，076 | 96，691 | 89，255 | 89，866 | 90，561 | 96，691 | 101，116 | 101，179 | 102，632 | 104，440 | 104，046 | 106，648 | 107，865 | r106，967 | 106，387 |  |
| BUSINESS INCORPORATIONS（a） |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| New incorporations（ 50 States and Dist．Col．）： <br> Unadjusted ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．number．． <br> Seasonally adjusted． $\qquad$ do．． | 581，242 | 566，942 | $\begin{aligned} & 45,461 \\ & \mathbf{4 5 , 5 5 2} \end{aligned}$ | $\begin{aligned} & 45,029 \\ & 45,530 \end{aligned}$ | $\begin{aligned} & \mathbf{4 4 , 3 5 4} \\ & \mathbf{4 8 , 4 7 4} \end{aligned}$ | $\begin{array}{r} 59,750 \\ 57,507 \end{array}$ | $\begin{array}{r} 48,099 \\ 49,999 \end{array}$ | $\begin{aligned} & 43,756 \\ & 48.296 \end{aligned}$ | $\begin{aligned} & 53,796 \\ & 48,032 \end{aligned}$ | $\begin{aligned} & 49,294 \\ & 48,903 \end{aligned}$ |  |  |  |  |  |  |
| INDUSTRIAL AND COMMERCLAL FAILURES © |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Failures，total．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．number．． | 16，794 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Commercial service ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．．． | 2，366 |  |  |  |  |  |  |  |  |  |  |  | ．．． |  |  |  |
| Construction $\qquad$ do．．．． | 3，614 |  |  |  |  |  |  |  |  |  |  |  | ．．．．．．．．．．．． |  |  |  |
| Retail trade．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．．．． | 6，882 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Wholesale trade ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．． | 1，708 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Liabilities（current），total．．．．．．．．．．．．．．．．．．．．．．．．．．．thous．\＄．． | 6，955，180 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Commercial service ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．． | 1，045，825 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Construction ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．． | 851，780 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Manufacturing and mining ．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．．． | 2，370，415 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & \text { Retail trade ....... } \\ & \text { Wholesgle trade } \end{aligned}$ | $\begin{aligned} & 1,558,528 \\ & \mathbf{1 , 1 2 8 , 6 3 2} \end{aligned}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| No．per 10，000 concerns．． | ${ }^{1} 61.3$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

COMMODITY PRICES

| PRICES RECEIVED AND PAID BY FARMERS $\bigcirc$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Prices received，all farm products ．．．．．．．1910－14 $=100$. | 633 | 609 | 620 | 586 | 587 | 579 | 585 | 604 | 611 | 622 | 624 | 611 | 598 | 634 | ${ }^{\text {r }} 623$ | 622 |
| Crops \＃．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．． | 580 | 524 | 538 | 491 | 505 | 494 | 492 | 509 | 523 | 549 | 558 | 545 | 539 | 600 | ${ }^{5} 885$ | 593 |
| Commercial vegetables．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．． | 677 | 630 | 499 | 521 | 625 | 575 | 526 | 624 | 705 | 749 | 701 | 694 | 576 | 593 | ${ }^{6} 622$ | 728 |
| Cotton．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．． | 566 | 467 | 469 | 505 | 506 | 484 | 473 | 476 | 506 | 504 | 521 | 516 | 545 | 560 | r533 | 546 |
| Feed grains and hay ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．． | 446 | 378 | 347 | 328 | 346 | 362 | 375 | 401 | 415 | 447 | 465 | 460 | 464 | 490 | ${ }^{1} 490$ | 492 |
| Food grains ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．． | 456 | 401 | 383 | 388 | 393 | 398 | 404 | 405 | 412 | 425 | 425 | 387 | 380 | 410 | ${ }^{4} 415$ | 403 |
| Fruit ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．． | 481 | 649 | 1，085 | 718 | 667 | 543 | 499 | 479 | 443 | 456 | 467 | 449 | 396 | 598 | r394 | 422 |
| Tobacco ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．． | 1，363 | 1，489 | 1，552 | 1，530 | 1，521 | 1，521 | 1，530 | 1，521 | 1，517 | 1，517 | 1，526 | 1，521 | 1，521 | 1，465 | 1，570 | 1，521 |
| Livestock and products \＃．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．． | 688 | 696 | 706 | 685 | 671 | 669 | 682 | 705 | 703 | 698 | 691 | 679 | 659 | 669 | ${ }^{\text {r } 660}$ | 652 |
| Dairy products ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．． | 842 | 831 | 832 | 844 | 850 | 850 | 844 | 844 | 832 | 826 | 813 | 807 | 807 | 813 | 826 | 838 |
| Meat animals ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．． | 848 | 876 | 895 | 851 | 823 | 828 | 857 | 893 | 895 | 891 | 874 | 848 | 806 | 813 | ${ }^{7} 781$ | 767 |
| Poultry and eggs ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．． | 264 | 252 | 252 | 251 | 246 | 232 | 231 | 244 | 242 | 236 | 252 | 257 | 262 | 278 | 294 | 283 |
| Prices paid： |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production items ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．．． | 855 | 864 | 865 | 859 | 860 | 859 | 869 | 875 | 880 | 887 | 890 | 890 | 883 | 888 | ＇891 | 887 |
| All commodities and services，interest，taxes，and wage rates（parity index）．．．．．．．．．．． $1910-14=100$ ．． | 1，035 | 1，071 | 1，077 | ＇1，074 | 1，075 | 1，073 | 1，083 | 1，088 | 1，091 | 1，096 | 1，100 | 1，102 | 1，100 | 1，104 | r1，107 | 1，107 |
| Parity ratio § ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．．． | 61 | 57 | 58 | 55 | 55 | 54 | 54 | 56 | 56 | 57 | 57 | 55 | 54 | 57 | 56 | 56 |
| CONSUMER PRICES <br> （U．S．Department of Labor Indexes） |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Not Seasonally Adjusted |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ALL ITEMS，WAGE EARNERS AND CLERICAL WORKERS，REVISED （CPI－W）．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． $1967=100 .$. | 272.3 | 288.6 | 292.8 | 293.6 | 293.2 | 292.0 | 292.1 | 292.3 | 293.0 | 294.9 | 296.3 | 297.2 | 298.2 | 299.5 | 300.8 | 301.3 |
| ALL ITEMS，ALL URBAN CONSUMERS |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| （CPI－U） $1967=100 . .$ | 272.4 | 289.1 | 293.3 | 294.1 | 293.6 | 292.4 | ${ }^{2} 293.1$ | 293.2 | 293.4 | 295.5 | 297.1 | 298.1 | 299.3 | 300.3 | 301.8 | 302.6 |
| Special group indexes： All items less shelter．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． | 258.5 | 273.3 | 276.9 | 277.9 | 278.1 | 278.2 |  | 278.5 | 278.7 | 280.8 |  | 283.4 | 284.5 |  |  |  |
| All items less food．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．． | 277.6 | 288.4 | 292.9 | 294.0 | 293.6 | 292.1 | ${ }^{2} 2928.6$ | 292.6 | 292.4 | 294.7 | 296.5 | 297.8 | 299.3 | 300.5 | 302.3 | 303.2 |
| All items less medical care ．．．．．．．．．．．．．．．．．．．．．．．．．do．．． | 270.9 | 286.8 | 290.81 | 291.5 | 290.8 | 289.5 | ${ }^{2} 290.01$ | 290.0 | 290.1 | 292.3 | 293.9 | 294.9 | 296.0 | 297.0 | 298.5 | 299.3 |


| Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS | 1981 | 1982 | 1982 |  |  |  | 1983 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Annual |  | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. |
| COMMODITY PRICES-Continued |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CONSUMER PRICES-Continued <br> (U.S. Department of Labor Indexes)-Continued Not Seasonally Adjusted |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| All items (CPI-U)--Continued |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Commodities .................................... $1967=100$. | 253.6 | 263.8 | 266.6 | 267.5 | 267.8 | 267.7 | ${ }^{1} 267.2$ | 266.7 | 266.7 | 269.2 | 270.9 | 271.6 | 272.5 | 273.4 | 274.5 | 275.0 |
| Nondurables $\qquad$ do... | ${ }_{265.5}^{265.3}$ | ${ }_{261.6}^{273.6}$ | 276.2 264.6 | 2765 | 276.4 266.1 | 275.8 264.7 | 275.2 262.4 | 274.6 260.5 | 274.4 258.9 | 277.3 263.0 | $\stackrel{279.3}{266.3}$ | 279.7 267.3 | 280.3 268.4 | 281.0 269.6 | 281.8 270.6 | 281.7 270.2 |
| Durables........e....................................... do.... | 227.1 | 241.1 | 244.1 | 246.0 | 246.6 | 247.3 | ${ }^{1247.3}$ | 247.1 | 247.4 | 248.7 | 249.5 | 251.2 | 252.9 | 254.3 | 256.4 | 258.7 |
| Commodities less food ............................. do... | 241.2 | 250.9 | 253.9 | 255.4 | 256.0 | 255.8 | ${ }^{1} 254.4$ | 253.2 | 252.4 | 255.4 | 257.6 | 258.9 | 260.2 | 261.4 | 262.9 | 263.6 |
| Services ......................................................... do.... | 305.7 | 333.3 | 339.7 | 340.3 | 338.6 | 335.6 | ${ }^{1} 337.9$ | 338.9 | 339.4 | 341.2 | 342.6 | 344.0 | 345.6 | 346.8 | 349.0 | 350.2 |
| Services less rent .................................. do.... | 324.3 | 354.2 | 361.3 | 361.6 | 359.3 | 355.5 | ${ }^{(2)}$ |  |  |  |  |  |  |  |  |  |
| Food \# ...................................................... do.... | 274.6 | 285.7 | 287.6 | 287.0 | 286.4 | 286.5 | 288.1 | 289.0 | 290.5 | 291.9 | 292.4 | 292.0 | 292.0 | 292.2 | 292.6 | 292.9 |
| Food at home ............................................ do | 269.9 | 279.2 | 280.6 | 279.4 | 278.3 | 277.8 | 279.3 | 280.3 | 281.9 | 283.4 | 283.8 | 283.0 | 282.8 | 282.5 | 282.5 | 282.3 |
| Housing ..................................................... do.... | 293.5 | 314.7 | 319.7 | 320.7 | 319.0 | 316.3 | ${ }^{1} 317.9$ | 318.5 | 318.6 | 320.3 | 321.8 | 323.1 | 324.5 | 324.8 | 326.4 | 326.8 |
| Shelter \# ................................................ do... | 314.7 | 337.0 | 342.6 | 342.8 | 340.7 | 335.9 | ${ }^{1} 338.3$ | 339.2 | 339.3 | 341.7 | 342.7 | 343.6 | 345.3 | 346.6 | 348.5 | 349.8 |
| Rent, residential.................................... do... | 208.2 | 224.0 | 226.9 | 228.9 | 237.2 | 230.8 | 232.2 | 233.1 | 233.6 | 234.5 | 235.1 | 235.9 | 237.1 | 238.2 | 239.5 | 240.4 |
| Homeownership ................................... do | 352.7 3192 | 376.8 3508 | 383.0 359.5 | 382.8 363.4 | 379.5 362.2 | 372.9 364.1 | ${ }_{365.4}^{(2)}$ | 364.6 | 363.8 | 363.6 | 369.3 | 373.6 | 375.5 | 375.1 | 376.4 | 374.4 |
| Fuel and utilities \# .............................. do. Fuel oil, coal, and bottled gas ........... do. | 675.9 | 350.8 667.9 | 662.8 | 677.2 | ${ }_{691.3}^{362.2}$ | 688.5 | 671.1 | 654.0 | 625.3 | 610.6 | 621.0 | 620.0 | 619.3 | 619.0 | 623.2 | 624.7 |
| Gas (piped) and electricity ........................ do. | 345.9 | 393.8 | 409.2 | 413.4 | 407.6 | 410.6 | 413.5 | 414.5 | 418.0 | 420.5 | 429.1 | 437.4 | 440.5 | 439.1 | 440.5 | 435.6 |
| Household furnishings and operation ......... do... | 221.3 | 233.2 | 234.2 | 235.4 | 235.1 | 235.7 | ${ }^{2} 235.8$ | 236.7 | 237.6 | 239.0 | 238.4 | 238.6 | 238.9 | 238.0 | 238.9 | 239.4 |
| Apparel and upkeep ................................... do... | 186.9 | 191.8 | 194.9 | 195.5 | 195.4 | 193.6 | 191.0 | 192.0 | 194.5 | 195.5 | 196.1 | 195.6 | 195.0 | 197.3 | 200.4 | 200.7 |
| Transportation ............................................... do.... | 280.0 | 291.5 | 295.3 | 295.5 | 295.8 | 294.8 | 293.0 | 289.9 | 287.4 | 298.3 | 296.2 | 298.3 | 300.4 | 302.4 | 303.7 | 305.0 |
| Private .................................................... do... | 277.5 | 287.5 | 291.1 | 291.1 | 291.4 | 290.4 | 288.4 | 285.2 | 282.7 | 287.5 | 291.7 | 293.8 | 296.0 | 298.0 | 299.2 | 300.4 |
| New cars ............................................... do... | 190.2 | 197.6 | 197.7 | 197.7 | 199.0 | 200.1 | 201.0 | 201.3 | 201.2 | 201.1 | 201.6 | 201.6 | 201.4 | 202.1 | 202.7 | 204.3 |
| Used cars .............................................. do. | 256.9 | 296.4 | 304.6 | 306.7 | 310.5 | 312.6 | 311.0 | 309.1 | 309.3 | 312.7 | 317.1 | 322.7 | 329.6 | 336.8 | 343.9 | 350.4 |
| Public ...................................................... do... | 312.0 | 346.0 | 353.3 | 356.3 | 356.0 | 355.6 | 357.7 | 355.2 | 354.5 | 361.1 | 359.2 | 36 | ${ }^{363.2}$ | 365.0 | 366.6 | 368.2 |
| Medical care ............................................... do.... | 294.5 | 328.7 | 336.0 | 338.7 | 342.2 | 344.3 | 347.8 | 351.3 | 352.3 | 353.5 | 354.3 | 355.4 | 357.7 | 360.0 | 361.2 | 362.9 |
| Seasonally Adjusted (a) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| All items, percent change from previous month |  |  | 0.1 | 0.4 | 0.0 | $-0.3$ | ${ }^{2} 0.2$ | -0.2 | 0.1 | 0.6 | 0.5 | 0.2 | 0.4 | 0.4 | 0.5 | 0.4 |
| Commodities ....................................... $1967=100 .$. | .............. |  | 266.4 | 267.9 | 268.1 | 268.4 | ${ }^{1} 268.1$ | 266.3 | 266.8 | 268.4 | 270.4 | 270.8 | 271.8 | 273.1 | 274.5 | 275.6 |
| Commodities less food ...................................... do... | ............. | .............. | 253.8 | 255.6 | 255.9 | 256.3 | ${ }^{1} 255.6$ | 253.0 | 252.8 | 254.5 | ${ }^{257.1}$ | 258.2 | 259.7 | 261.4 | 263.0 | 263.9 |
| Food .............................................................. do.... |  |  | 287.5 | 288.1 | 288.2 | 288.1 | 288.3 | 288.3 | 290.1 | 291.3 | 292.2 | 291.3 | 291.0 | 291.6 | 292.5 | 293.9 |
| Food at home .............................................. do.... | .-...... |  | 280.2 | 280.5 | 280.1 | 279.4 | 279.5 | 279.4 | 281.8 | 282.9 | 283.8 | 282.0 | 281.6 | 281.6 | 282.3 | 283.5 |
| Apparel and upkeep ....................................... do... |  |  | 192.8 | 193.3 | 193.2 | 192.7 | 193.2 | 194.2 | 194.1 | 194.5 | 195.8 | 196.5 | 197.7 | 198.4 | 198.4 | 198.4 |
| Transportation ............................................... do.... |  |  | 295.6 | 296.4 | 296.0 | 295.8 | 293.9 | 289.1 | 289.0 | 292.1 | 295.8 | 297.1 | 298.6 | 301.6 | 304.1 | 305.9 |
| Private ....................................................... do. |  |  | 291.6 | 292.3 | 291.8 | 291.7 | 289.4 | 284.4 | 284.4 | 287.2 | 291.3 | 292.6 | 294.0 | 297.0 | 299.6 | 301.5 |
| New cars ................................................. do... |  |  | 199.6 | 199.2 | 198.7 | 199.3 | 199.4 | 201.1 | 202.6 | 201.3 | 200.6 | 200.8 | 200.8 | 202.5 | 204.5 | 205.9 |
| Services ....................................................... do... |  |  | 339.1 | 339.9 | 339.3 | 336.7 | ${ }^{1} 338.3$ | 339.3 | 339.8 | 341.7 | 342.8 | 343.7 | 345.1 | 346.5 | 348.0 | 349.4 |
| PRODUCER PRICES § <br> (U.S. Department of Labor Indexes) <br> Not Seasonally Adjusted |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| All commodities ................................. $1967=100$. | 293.4 | 299.3 | 299.3 | 299.8 | 300.3 | 300.7 | 299.9 | 300.9 | 300.6 | 300.6 | 301.5 | r302.4 | 303.2 | 304.9 | 305.3 | 306.3 |
| By stage of processing: $\dagger$ <br> Crude materials for further processing | 329.0 | 319.5 | 316.1 | 312.0 | 313.2 | 312.7 | 313.9 | 320.2 | 321.6 | 325.8 | 325.8 | r323.3 | 320.6 | 326.9 | 328.3 | 324.5 |
| Intermediate materials, supplies, etc .......... do.... | 306.0 | 310.4 | 310.5 | 309.9 | 309.9 | 310.1 | 309.2 | 309.9 | 309.5 | 308.7 | 309.7 | ${ }^{3} 311.3$ | 313.0 | 314.4 | 315.7 | 316.0 |
| Finished goods \# ...................................... do.... | 269.8 | 280.7 | 281.2 | 284.1 | 284.9 | 285.5 | 283.9 | 284.1 | 283.4 | 283.1 | 284.2 | 285.0 | 285.7 | 286.2 | 285.1 | 287.9 |
| Finished consumer goods........................ do.... | 271.3 | 281.0 | 281.9 | 284.3 | 285.3 | 285.6 | 283.5 | 283.7 | 282.7 | 282.3 | 283.6 | ${ }^{2} 284.6$ | 285.2 | 285.6 | 285.1 | 287.1 |
| By durability of product:Durable goods................................................ | 264.3 | 279.4 | 278.7 | 283.2 | 283.8 | 284.9 | 285.2 | 285.6 | 285.6 | 286.2 | 286.5 | r286.7 | 287.4 | 288.0 | 285.4 | 290.9 |
|  |  | 279.0 |  | 281.2 |  | 282.0 | 282.6 | 284.8 | 284.6 | 285.3 | 286.0 | [286.7 |  |  |  |  |
|  | ${ }_{312.4}^{269.8}$ | 315.3 | 378.6 | ${ }_{314.3}$ | 3215.2 | 38.3 | 313.3 | 313.4 | 313.0 | 312.4 | 313.5 | P314.5 | 315.5 | 318.2 | 286.7 3199 | 289.2 |
| Nondurable goods .................................... do... | 286.0 | 292.7 | 292.9 | 293.8 | 293.9 | 294.3 | 293.5 | 293.9 | 293.2 | 292.7 | 293.7 | ${ }^{295,0}$ | 296.1 | 297.1 | 297.3 | 298.8 |
| Total manufactures .................................. do............. | 269.6 | 279.8 | 279.6 | 282.3 | 282.4 | 283.2 | 283.7 | 285.7 | 285.3 | 286.0 | 286.7 | ${ }^{287.3}$ | 287.9 | 288.3 | 287.1 | 289.7 |
| Nondurable manufactures ......................... do.... | 303.6 | 306.4 | 307.1 | 306.0 | 306.1 | 305.9 | 303.8 | 302.5 | 301.4 | 299.7 | 301.0 | ${ }^{2} 303.1$ | 304.7 | 306.4 | 308.1 | 308.3 |
|  | 251.5 | 248.9 | 247.4 | 243.8 | 243.9 | 244.8 | 245.8 | 250.4 | 250.6 | 254.7 | 254.7 | ${ }^{2} 252.5$ | 251.6 | 255.7 | 259.2 | 257.9 |
|  | 254.9 | 242.4 | 234.5 | 229.2 | 230.7 | 232.6 | 233.2 | 240.7 | 241.5 | 250.5 | 250.4 | ${ }^{2} 247.4$ | 244.3 | 253.5 | 256.3 | 255.2 |
|  | 248.7 | 251.5 | 253.5 | 250.8 | 250.2 | 250.5 | 251.7 | 254.7 | 254.5 | 256.0 | 256.1 | ${ }^{2} 254.3$ | 254.6 | 255.8 | 259.7 | 258.3 |
| Industrial commodities................................ do.... | 304.1 | 312.3 | 312.7 | 314.3 | 315.0 | 315.2 | 313.9 | 313.9 | 313.5 | 312.4 | 313.6 | ${ }^{2} 315.3$ | 316.6 | 317.5 | 317.2 | 318.7 |
| Chemicals and allied products $\qquad$ do.... Fuels and related prod., and power. $\qquad$ do.... | 287.8 | 292.3 | 290.7 | 289.9 | 290.5 | 289.6 | 289.3 | 290.5 | 289.8 | 291.3 | 291.1 | ${ }^{2} 290.8$ | 291.3 | 294.9 | 294.8 | 296.4 |
|  | 694.4 | 693.2 | 700.4 | 698.8 | 706.1 | 703.4 | 683.6 | 668.6 | 658.0 | 644.8 | 651.9 | ${ }^{6} 665.5$ | 671.6 | 674.3 | 675.7 | 672.7 |
| Furniture and household durables................ do.... | 198.4 | 206.9 | 208.3 | 208.9 | 208.9 | 209.2 | 210.7 | 212.5 | 212.3 | 212.8 | 213.6 | ${ }^{2} 214.0$ | 214.4 | 214.5 | 214.9 | 215.1 |
| Hides, skins, and leather products ............ do... | 261.5 | 262.6 | 263.5 | 263.2 | 263.2 | 264.1 | 266.7 | 264.3 | 264.9 | 267.4 | 269.4 | ${ }^{2} 271.2$ | 272.7 | 275.5 | 275.3 | 274.7 |
| Lumber and wood products......................... do.......... | 292.8 | 284.7 | 283.0 | 279.4 | 279.9 | 285.6 | 293.3 | 303.1 | 305.8 | 307.2 | 308.0 | ${ }^{2} 314.8$ | 314.5 | 313.9 | 306.0 | 306.1 |
| Machinery and equipment................................... ${ }^{\text {do }}$ | 300.4 | 301.6 | 301.8 | 301.6 | 300.5 | 299.9 | 300.3 | 304.7 | 304.4 | 304.6 | 306.1 | ${ }^{3} 306.3$ | 307.4 | 308.5 | 310.9 | 310.7 |
| Nonmetallic mineral products................... do.... | 309.5 | 320.2 | 321.2 | 321.1 | 321.2 | 320.5 | 321.5 | 322.3 | 322.0 | 324.1 | 324.1 | ${ }^{3} 34.5$ | 325.4 | 326.2 | 327.2 | 327.9 |
| Pulp, paper, and allied products................ ${ }^{\text {do.... }}$ | 273.7 | 288.7 | 289.4 | 289.8 | 284.8 | 290.5 | 293.6 | 294.2 | 294.8 | 29.4 | 296.0 | ${ }^{2} 297.0$ | 2974 | 298.0 | 299.1 | 300.4 |
| Rubber and plastics products ..................... do.... | 232.8 | 241.4 | 242.5 | 242.2 | 241.7 | 242.2 | 242.9 | 242.3 | 241.8 | 243.0 | 243.2 | r243.1 | 244.4 | 244.6 | 244.5 | 245.1 |
|  | 199.6 | 204.6 | 204.3 | $\stackrel{204.1}{ }$ | 203.9 | 202.6 | 202.7 | ${ }_{2}^{202.6}$ | 203.4 | 203.5 | 204.3 | ${ }^{2} 204.7$ | 205.1 | 205.7 | 205.8 | 206.4 |
| Transportation equipment \#.... Dec. $1968=100 .$. <br> Motor vehicles and equip............... $1967=100$.. | 235.4 | 249.7 | 244.5 | $\stackrel{256.0}{ }$ | $\stackrel{256.3}{ }$ | 257.5 | 256.3 | 25.8 | 25.2 | 255.6 | 255.8 | ${ }^{2} 256.1$ | ${ }^{256.4}$ | 257.0 | 250.3 | 261.2 |
|  | 237.5 | 251.3 | 244.6 | 257.8 | 257.8 | 258.1 | 257.0 | 256.3 | 255.4 | 255.9 | 256.2 | '256.5 | 256.7 | 256.9 | 248.9 | 261.1 |
| Seasonally Adjusted $\ddagger$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Finished goods, percent change from previous month |  |  | 0.1 | 0.4 | 0.6 | 0.3 | -1.1 | 0.2 | -0.3 | 0.0 | 0.2 | 0.5 | 0.1 | 0.4 | 0.2 | 0.3 |
| By stage of processing: $\dagger$...................................... |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Crude materials for further processing $1967=100$. |  | $\ldots$ | 315.4 | 314.3 | 317.3 | 316.6 | 315.8 | 316.8 | 318.9 | 323.9 | 324.1 | ${ }^{\text {r }} 323.6$ | 319.7 | 326.5 | 328.0 | 327.2 |
| Intermediate materials, supplies, etc ............ do.... |  | .............. | 310.8 | 310.9 | 311.7 | 311.8 | 310.1 | 309.8 | 308.6 | 307.2 | 308.6 | r311.1 | 312.2 | 314.0 | 316.1 | 317.0 |
|  | .............. | ........ | 282.8 | 283.8 | 285.5 | 286.4 | 283.3 | 283.8 | 283.0 | 283.0 | 283.7 | ${ }^{285.1}$ | 285.3 | 286.4 | 286.9 | 287.8 |
|  |  |  | 283.0 | 284.4 | 286.2 | 287.0 | 283.1 | 283.4 | 282.2 | 282.3 | 282.9 | ${ }^{2} 284.5$ | 284.6 | 285.5 | 286.4 | 287.3 |
| Finished consumer goods.............................. do... Foods ......................................................... do. |  |  | 258.3 | 258.2 | 258.2 | 258.8 | 258.3 | 260.9 | ${ }^{261.4}$ | 264.2 | 268.9 | ${ }^{2} 261.4$ | 259.6 | 260.7 | 262.4 | 265.3 |
| Finished goods, exc. foods ......................... do....Durable............................. |  |  | 291.2 | 293.2 | 295.8 | 296.7 | 290.8 | 290.0 | 288.0 | 286.7 | 288.3 | r291.4 | 292.5 | 293.2 | 293.7 | 293.6 |
|  |  |  | ${ }^{227.8}$ | 228.5 | 229.8 | 230.4 | 229.6 | 232.2 | 232.6 | 232.4 | 232.9 | r234.0 | 233.8 | 234.7 | 233.8 | 2328 |
|  |  |  | 338.6 | 341.7 | 345.3 | 346.4 | 337.3 | 333.7 | 329.7 | 327.4 | 330.0 | r334.7 | 336.8 | 337.4 | 338.9 | 339.6 |
|  |  |  | 281.9 | 282.0 | 283.1 | 284.4 | 283.9 | 285.0 | 285.8 | 285.6 | 286.2 | ${ }^{287.0}$ | 287.7 | 289.6 | 288.8 | 289.6 |
| PURCHASING POWER OF THE DOLLAR |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| As measured by: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 0.371 | 0.356 | 0.356 | 0.352 | 0.351 | 0.350 | 0.352 | 0.352 | 0.353 | 0.353 | 0.352 | 0.351 | 0.350 | 0.349 | 0.351 | 0.347 |
|  | 0.367 | 0.346 | 0.341 | 0.340 | 0.341 | 0.342 | ${ }^{1} 0.341$ | 0.341 | 0.341 | 0.338 | 0.337 | 0.335 | 0.334 | 0.333 | 0.331 | 0.330 |

See footnotes at end of tables

| Unless otherwise stated in footnotes below，data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS | 1981 | 1982 | 1982 |  |  |  | 1983 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Annual |  | Sept． | Oct． | Nov． | Dec． | Jan． | Feb． | Mar． | Apr． | May | June | July | Aug． | Sept． | Oct． |

CONSTRUCTION AND REAL ESTATE

| CONSTRUCTION PUT IN PLACE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| New construction（unadjusted），total ．．．．．．．．．．．．．mil．\＄．． | 239，418 | 232，049 | 21，501 | 21，368 | 21，368 | 19，674 | 17，116 | 16，314 | 18，259 | 19，597 | 21，461 | 23，578 | ＇23，980 | ＇25，499 | 25，370 |  |
| Private，total \＃．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do． | 186，069 | 180，979 | 16，018 | 16，399 | 16，668 | 16，020 | 13，820 | 13，358 | 15，058 | 16，071 | 17，382 | 18，966 | r19，183 | r19，933 | 20，114 |  |
| Residential．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．． | 86，566 | 74，810 | 6，561 | 6，999 | 7，268 | 6，804 | 6，233 | 6，082 | 7，163 | 8，221 | 9，222 | 10，167 | ${ }^{\text {r } 10,624 ~}$ | 「10，992 | 10，936 | － |
| New housing units．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．．． | 62，664 | 51，916 | 4，939 | 4，985 | 5，046 | 4，600 | 4，446 | 4，510 | 5，463 | 6，066 | 6，799 | 7，743 | r8，361 | ＇8，757 | 8，688 | ． |
| Nonresidential buildings，except farm and public utilities，total \＃ $\qquad$ mil．$\$$. | 60，818 | 65，134 | 5，726 | 5,851 | 5，758 | 5，334 | 4，823 | 4，553 | 4，793 | 4，733 | 4，797 | 5，184 | 5，158 | 「5，547 | 5，571 |  |
| Industrial．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．．． | 17，030 | 17，343 | 1，455 | 1，571 | 1，440 | 1，344 | 1，112 | 1，039 | 1，117 | 1，074 | 1，068 | 1，131 | 1，066 | ${ }^{5} 1,244$ | 1，147 |  |
| Commercial ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．．． | 34，248 | 37，284 | 3，337 | 3，303 | 3，295 | 3，019 | 2，818 | 2，663 | 2，751 | 2，770 | 2，812 | 3，108 | 3，135 | r3，242 | 3，279 | ．．．．．．．．．．．．． |
| Public utilities： <br> Telephone and telegraph $\qquad$ do．．．． | 7，074 | 7，110 | 649 | 599 | 596 | 539 | 436 | 448 | 561 | 501 | 547 | 581 | 517 | 397 | ．．．．．．．．． |  |
| Public，total \＃．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．．． | 53，349 | 51，070 | 5，483 | 4，969 | 4，700 | 3，654 | 3，296 | 2，956 | 3，200 | 3，526 | 4，079 | 4，612 | ${ }^{\text {r }} 4,797$ | ${ }^{5} 5,566$ | 5，256 | ．．．．．．．．．．．．． |
| Buildings（excluding military）\＃．．．．．．．．．．．．．．．．do．．．． | 17，792 | 16，997 | 1，622 | 1，480 | 1，538 | 1，380 | 1，342 | 1，265 | 1，326 | 1，332 | 1，423 | 1，523 | ${ }^{\text {r } 1,533}$ | ${ }^{1} 1,681$ | 1，582 |  |
| Housing and redevelopment ．．．．．．．．．．．．．．．．．．．．do．．．． | 1，722 | 1，658 | 153 | 152 | 162 | 154 | 144 | 133 | 151 | 136 | 137 | 133 | ${ }^{1} 122$ | ${ }^{\text {「150 }}$ | 146 | ．．．．．．．．．．．．． |
| Industrial ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．．． | 1，655 | 1，632 | 167 | 136 | 139 | 127 | 156 | 126 | 151 | 137 | 154 | 152 | 165 | 137 | 198 |  |
| Military facilities ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．d | 1，964 | 2，205 | 245 | 184 | 217 | 191 | 180 | 194 | 198 | 212 | 199 | 161 | 211 | 202 | 217 |  |
| Highways and streets ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．．． | 13，599 | 13，521 | 1，692 | 1，646 | 1，318 | 727 | 573 | 489 | 558 | 770 | 1，115 | 1，415 | 1，547 | ${ }^{2} 2,023$ | 1，797 |  |
| New construction（seasonally adjusted at annual rate3），total $\qquad$ bil．\＄．． |  |  | 230.7 | 234.1 | 243.7 | 240.2 | 247.9 | 243.0 | 241.9 | 247.4 | 254.8 | 264.3 | ${ }^{\text {r269．6 }}$ | г274．8 | 272.7 |  |
| Private，total \＃．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．．． |  |  | 178.2 | 181.9 | 190.5 | 190.8 | 195.0 | 194.3 | 194.9 | 199.5 | 206.0 | 214.7 | ${ }^{2} 218.5$ | г221．4 | 222.2 |  |
| Residential．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．． |  |  | 71.7 | 76.4 | 81.2 | 86.0 | 89.7 | 93.6 | 96.1 | 102.0 | 107.5 | 113.5 | ${ }^{\text {r }} 118.2$ | 120.2 | 118.4 |  |
| New housing units．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．．． |  |  | 53.0 | 53.6 | 55.8 | 58.6 | 63.4 | 68.8 | 72.3 | 77.3 | 82.2 | 87.9 | r92．7 | 94.8 | 92.7 |  |
| Nonresidential buildings，except farm and public utilities，total \＃ bil．$\$$. |  |  | 65.2 | 65.0 | 66.1 | 64.3 | 65.3 | 62.7 | 61.3 | 57.6 | 57.6 | 60.0 | 59.3 | ＇62．5 | 63.6 |  |
| Industrial ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．． |  |  | 16.5 | 17.1 | 16.7 | 15.6 | 15.2 | 14.3 | 14.3 | 13.2 | 13.0 | 13.1 | 12.2 | ${ }^{1} 14.2$ | 13.1 |  |
| Commercial ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．．． |  |  | 38.0 | 37.0 | 37.9 | 36.9 | 38.2 | 36.7 | 35.5 | 33.6 | 33.3 | 35.9 | 35.9 | ＇36．3 | 37.4 |  |
| Public utilities： <br> Telephone and telegraph $\qquad$ do．．．． |  |  | 7.2 | 6.6 | 6.8 | 6.4 | 6.8 | 6.6 | 6.3 | 6.3 | 6.6 | 6.5 | 6.3 | 4.3 |  |  |
| Public，total \＃．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．．． |  |  | 52.5 | 52.2 | 53.2 | 49.4 | 52.9 | 48.7 | 47.0 | 47.9 | 48.7 | 49.6 | 51.1 | r53．4 | 50.6 |  |
| Buildings（excluding military）\＃．．．．．．．．．．．．．．．．．do．． |  |  | 17.2 | 17.3 | 17.7 | 16.8 | 18.1 | 17.9 | 17.2 | 16.8 | 17.3 | 17.4 | 17.7 | 18.3 | 17.0 |  |
| Housing and redevelopment ．．．．．．．．．．．．．．．．．．．do．． |  | ．．．．．．．．．． | 1.8 | 1.8 | 1.9 | 1.8 | 1.8 | 1.8 | 1.9 | 1.6 | 1.6 | 1.6 | 1.4 | ${ }^{1} 1.8$ | 1.7 |  |
| Industrial ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．．． |  |  | 1.6 | 1.9 | 2.0 | 1.5 | 1.8 | 1.8 | 1.8 | 1.6 | 1.7 | 1.7 | 2.0 | 1.7 | 1.9 |  |
| Military facilities ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．．． |  |  | 2.6 | 2.4 | 2.6 | 2.4 | 2.3 | 2.4 | 2.5 | 2.8 | 2.3 | 1.9 | 2.3 | 2.2 | 2.3 |  |
| Highways and streets ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．． |  |  | 14.0 | 14.4 | 14.4 | 13.0 | 14.0 | 12.5 | 11.9 | 12.9 | 13.0 | 12.9 | 14.1 | ${ }^{\text {r15．9 }}$ | 15.3 |  |
| CONSTRUCTION CONTRACTS |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Construction contracts in 50 States（F．W．Dodge Division，McGraw－Hill）： |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Valuation，total $\qquad$ mil．\＄． | $153,480$ | 154，619 | 13，850 | ${ }^{12,359}$ | 12，909 | 13，977 | 11，376 | 11，310 | 16，171 | 16，336 | 18，934 | 20，339 | 17，028 | 18，597 | 17，388 | 16，227 |
| Public ownership ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．mil，\＄．． | 38，956 | 41，347 | 3，780 | r3，171 | 3，137 | 2，835 | 2，958 | 2，538 | 3，917 | 3，735 | 4，479 | 5，070 | 4，162 | 4，621 | 4，369 | 3，806 |
| Private ownership ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．．． | 114，524 | 113，273 | 10，070 | r9，188 | 9，772 | 11，142 | 8，418 | 8，772 | 12，254 | 12，602 | 14，455 | 15，270 | 12，866 | 13，976 | 13，019 | 12，421 |
| By type of building． |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Nonresidential ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．．． | 60，088 | 59，208 | 4，889 | ${ }^{\text {r }}$ ， 9,956 | 4，520 | 3，975 | 4，459 | 4，214 | 5，438 | 4，549 | 5，246 | 6，334 | 5，312 | 6，006 | 5，437 | 5，795 |
| Residential．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．．． | 60，164 | 58，076 | 5，560 | ${ }^{\text {r }}$ ， 548 | 5，628 | 5，184 | 4，970 | 4，775 | 7，762 | 7，667 | 8，235 | 10，158 | 8，471 | 9，257 | 8，644 | 8，221 |
| Non－building construction ．．．．．．．．．．．．．．．．．．．．．．．．．do．．．． | 33，228 | 37，336 | 3，402 | ${ }^{\text {r }} 1,855$ | 2，761 | 4，818 | 1，947 | 2，321 | 2，971 | 4，120 | 5，453 | 3，847 | 3，246 | 3，334 | 3，308 | 2，210 |
| New construction planning <br> （Engineering News－Record）§ $\qquad$ do．．．． | 166，366 | 149，206 | 11，936 | 13，373 | 15，530 | 17，683 | 12，665 | 11，802 | 12，737 | 10，930 | 11，165 | 13，185 | 9，729 | 13，206 | 12，902 | 12，744 |
| HOUSING STARTS AND PERMITS |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| New housing units started： Unadjusted： |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total（private and public）．．．．．．．．．．．．．．．．．．．．．．．thous．． | 1，100．3 | 1，072．0 | 108.4 | 111.5 | 109.9 | 83.4 | 92.9 | 96.7 | 135.8 | 136.4 | 175.5 | 173.8 | 162.0 | ${ }^{\text {r }} 177.7$ | 157.1 |  |
| Privately owned ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．．． | 1，084．2 | 1，062．2 | 106.4 | 110.5 | 108.9 | 82.9 | 91.3 | 96.3 | 134.6 | 135.8 | 174.9 | 173.2 | 161.6 | ${ }^{\text {r176．8 }}$ | r155．2 | 155.2 |
| One－family structures ．．．．．．．．．．．．．．．．．．．．．．．．．do．．．． | 705.4 | 662.6 | 63.3 | 66.3 | 66.0 | 51.8 | 56.3 | 60.4 | 86.2 | 93.2 | 114.9 | 114.2 | 100.4 | r109．9 | r97．8 | 88.2 |
| Seasonally adjusted at annual rates： |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total privately owned．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．． |  |  | 1，134 | 1，142 | 1，361 | 1，280 | 1，694 | 1，784 | 1，605 | 1，506 | 1，807 | 1，736 | 1，804 | ${ }^{\text {r }} 1,904$ | r1，672 | 1，608 |
| One－family structures ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．．． |  |  | 683 | 716 | 868 | 842 | 1，126 | 1，103 | 1，008 | 1，001 | 1，183 | 1，127 | 1，032 | ${ }^{\text {r }} 1,135$ | ＇1，039 | 964 |
| New private housing units authorized by building permits（ 16,000 permit－issuing places）： |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Monthly data are seas．adj．at annual rates： |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．thous．． | 986 | 1，000 | 1，029 | 1，154 | 1，227 | 1，326 | 1，447 | 1，479 | 1，467 | 1，536 | 1，635 | 1，761 | 1，782 | 1，652 | 「1，506 | 1，565 |
| One－family structures ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．．． | 564 | 546 | 576 | 657 | 738 | 753 | 866 | 835 | 859 | 841 | 940 | 1，013 | 920 | 874 | ＇837 | 865 |
| Manufacturers＇shipments of mobile homes |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Unadjusted ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．thous．． Seasonally adjusted at annual rates ．．．．．．．．．．．．．．．do．．．． | 240.9 | 238.9 | 21.2 222 | 20.4 224 | 18.8 251 | 15.9 243 | 18.1 284 | 19.7 283 | 25.4 276 | 25.1 291 | $\begin{array}{r} 26.8 \\ 298 \end{array}$ | 29.5 308 | 23.3 299 | 30.1 305 | 28.0 302 | $\ldots$ |
| CONSTRUCTION COST INDEXES |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Dept．of Commerce composite ．．．．．．．．．．．．．．．．1977＝100．． | 151.9 | 154.1 | 152.8 | 153.9 | 152.7 | 153.4 | 156.6 | 156.8 | 156.5 | 156.8 | 155.3 | 154.2 | 154.5 | 154.4 | 154.3 |  |
| American Appraisal Co．，The： |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Average， 30 cities ．．．．．．．．．．．．．．．．．．．．．．．．．．．．． $1913=100 .$. | 2,643 | ．．． | ……．．．．．． | ．．．．．．．．．．．．． | ．．．．．．．．． | ．．．．．．．．．．．．． |  | ．．．．．．． | ．．．．．．．．． | ．．．．．． | ．．．．．．．．． | ．．．．．．．．．．．． | ．． | ．．．．．．．．．．．． | ．．．．．．．．． |  |
| New York $\qquad$ do． $\square$ | 2，645 | ．．．．．．．．．．． | $\cdots$ | ．．．．．．．．．．．． | － | ．．．．．．．．．．．． | ． | ． | ， | ．．．．．．．．．．．． |  | ．．．．．．．．．．．．． | ．．．．．．．．．．．．． | ．．．．．．．．．．．． | ．．．．．．．．．．． | ．．．．．．．．．．．．． |
| San Francisco ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． | 2，873 |  |  |  |  |  |  |  |  |  |  |  | ． | －．．．． | ．．．．．．．．． | ． |
| St．Louis．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．．． | 2，453 |  |  |  |  |  |  |  |  |  |  |  | ．．．．．．．． | ．．．．．．．．．．．．． | ．．．．．．．．．．．． | ．．．．．．．．．．．．． |
| Boeckh indexes： |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Average， 20 cities： |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Apartments，hotels，office buildings $1977=100 .$. | 137.4 | 150.0 | 153.6 | ．．．．． | 154.9 |  | 155.7 |  | 155.8 |  | 157.7 |  | 162.0 |  | 163.2 |  |
| Commercial and factory buildings．．．．．．．．．．．．．．do．．． | 140.1 | 151.9 | 155.2 |  | 156.0 |  | 159.2 |  | 159.7 |  | 161.7 |  | 164.4 |  | 165.2 |  |
| Residences ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．．． | 136.0 | 147.5 | 151.2 |  | 152.5 |  | 153.1 |  | 153.5 |  | 155.4 |  | 157.8 |  | 158.5 |  |
| Engineering News－Record： |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Building ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． $1967=100 .$. | 310.3 | 330.6 | 335.0 | 334.8 | 335.6 | 340.0 | 342.0 | 347.5 | 348.1 | 347.4 | 347.9 | 353.5 | 357.3 | 359.4 | 359.7 | ${ }^{2} 357.6$ |
| Construction ．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．do．．． | 328.9 | 356.1 | 363.3 | 363.2 | 364.8 | 367.7 | 368.7 | 372.5 | 372.9 | 372.5 | 372.6 | 379.2 | 382.7 | 384.7 | 385.6 | ${ }^{2} 384.2$ |
| Federal Highway Adm．－Highway construction： Composite（avg．for year or qtr．）．．．．．．．．． $1977=100$. ． | 156.7 | 146.8 | 147.8 |  |  | 146.1 |  |  | 148.1 |  |  | 143.1 |  |  | 146.8 |  |
| See footnotes at end of tables． |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |


| Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS | 1981 | 1982 | 1982 |  |  |  | 1983 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Annual |  | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. |

CONSTRUCTION AND REAL ESTATE-Continued

| REAL ESTATE $\diamond$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mortgage applications for new home construction: FHA net applications .........................thous. units. Seasonally adjusted annual rates................. do... | 92.3 | 99.8 | 9.8 180 | 11.8 106 | $\begin{gathered} 7.9 \\ 143 \end{gathered}$ | $\begin{gathered} 11.3 \\ 168 \end{gathered}$ | $\begin{gathered} 12.2 \\ 178 \end{gathered}$ | $\begin{gathered} 12.0 \\ 167 \end{gathered}$ | $\begin{aligned} & 17.1 \\ & 180 \end{aligned}$ | $\begin{array}{r} 16.5 \\ 187 \end{array}$ | $\begin{aligned} & 15.1 \\ & 156 \end{aligned}$ | $\begin{gathered} 18.8 \\ 210 \end{gathered}$ | 15.9 198 | $\begin{aligned} & 19.3 \\ & 207 \end{aligned}$ | 13.3 154 | 11.9 |
| Requests for VA appraisals. $\qquad$ do.. <br> Seasonally adjusted annual rates $\qquad$ do.. | 153.8 | 155.0 | 12.9 | 15.7 186 | 16.9 227 | 15.1 238 | 19.5 274 | 21.0 278 | 27.3 292 | 22.7 249 | 22.4 245 | 26.3 293 | 22.7 | 28.0 288 | 21.4 255 | 17.3 205 |
| Home mortgages insured or guaranteed by: <br> Fed. Hous. Adm.: Face amount ............. mil. \$ <br> Vet. Adm.: Face amount §. | $\left\|\begin{array}{r} 10,278.14 \\ 7,905.93 \end{array}\right\|$ | 8,428.27 | 774.42 | 724.61 3859 | 771.21 4548 | 1,083.56 | $\begin{aligned} & 914.79 \\ & 630.80 \end{aligned}$ | $\begin{array}{r} 1,100.29 \\ 961.02 \end{array}$ | $\begin{aligned} & 2,026.13 \\ & \mathbf{1 , 2 4 3 . 4 8} \end{aligned}$ | $\left.\begin{array}{\|c} 2,447.06 \\ 1,189.71 \end{array} \right\rvert\,$ | 1,637.70 | $\left.\begin{aligned} & 3,944.14 \\ & 1,541.01 \end{aligned} \right\rvert\,$ | $\begin{aligned} & 2,464.19 \\ & 1,223.94 \end{aligned}$ | 2,174.87 | 2,091.70 | $\begin{aligned} & 2,190.42 \\ & \mathbf{1 , 9 3 4 . 2 0} \end{aligned}$ |
| Federal Home Loan Banks, outstanding advances to member institutions, end of period ........ mil. \$. | 65,194 | 66,004 | 67,642 | 67,077 | 66,308 | 66,004 | 62,365 | 61,004 | 60,024 | 59,371 | 58,628 | 58,800 | 58,264 | 57,377 | 57,86 | 58,560 |
| New mortgage loans of all savings and loan associations, estimated total ...................... mil. \$. By purpose of loan: | 53,283 | 54,298 | 5,112 | 4,724 | 5,314 | 8,451 | 5,869 | 6,415 | 10,076 | 10,446 | 10,966 | 14,146 | 12,817 | '13,949 | 13,147 |  |
|  | 11,599 | 11,765 21,779 | 1,154 1,988 | 1,125 | 1,194 1,938 | 1,719 2 2 | 1,152 <br> 173 | 1,340 | 2,163 | 2,267 3 3 | 2,245 4 4 | ${ }_{5}^{2,597}$ | ${ }_{5}^{2,296}$ | r2,473 r 6308 | ${ }_{5}^{2,398}$ |  |
|  | 13,385 | 20,754 | 1,970 | 1,813 | 2,182 | 4,018 | 2,544 | 2,826 | 4,475 | 4,350 | 4,296 | 5,782 | 5,025 | -5,168 | 5,128 |  |

DOMESTIC TRADE


See footnotes at end of tables.

| Unless otherwise stated in footnotes below，data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS | 1981 | 1982 | 1982 |  |  |  | 1983 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Annual |  | Sept． | Oct． | Nov． | Dec． | Jan． | Feb． | Mar． | Apr． | May | June | July | Aug． | Sept． | Oct． |

DOMESTIC TRADE－Continued



| 63，278 | 63，751 | 63，771 | 63，736 | 64，001 | 63，674 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 10，847 | 10，858 | 11，043 | 11，410 | 11，313 | 11，131 |
| 8，821 | 8，865 | 8，928 | 9，265 | 9，309 | 9，056 |
| 724 | 726 | 729 | 744 | 747 | 758 |
| 21，253 | 21，370 | 21，333 | 21，423 | 21，115 | 21，347 |
| 19，870 | 20，003 | 19，964 | 20，139 | 19，868 | 20，073 |
| 8，750 | 8，747 | 8，733 | 8，628 | 8，596 | 8，216 |
| 4，267 | 4，279 | 4，354 | 4，341 | 4，263 | 4，332 |
| 677 | 671 | 680 | 682 | 682 | 664 |
| 1，555 | 1，592 | 1，626 | 1，638 | 1，656 | 1，651 |
| 827 | 805 | 818 | 813 | 822 | 878 |
| 9，090 | 9，324 | 9，345 | 9，345 | 9，626 | 9，715 |
| 3，041 | 3，041 | 3，067 | 3，016 | 3，148 | 3，209 |
| 1，578 | 1，577 | 1，565 | 1，548 | 1，542 | 1，545 |
| 130，731 | 135，378 | 136，105 | 124，858 | 123，345 | 126，364 |
| 59，866 | 60，937 | 60，812 | 58，902 | 59，235 | 60，905 |
| 10，023 | 10，142 | 10，259 | 10，224 | 10，360 | 10，789 |
| 26，756 | 27，083 | 26，638 | 26，691 | 26，596 | 27，585 |
| 10，111 | 10，337 | 10，324 | 9，878 | 9，984 | 10，101 |
| 70，865 | 74，441 | 75，293 | 65，956 | 64，110 | 65，459 |
| 25，950 | 27，992 | 28，198 | 22，191 | 21，555 | 22，780 |
| 19，071 | 20，760 | 21，130 | 16，462 | 15，826 | 16，837 |
| 14，326 | 14，982 | 15，431 | 15，311 | 14，769 | 14，750 |
| 11，970 | 12，251 | 12，167 | 10，477 | 10，001 | 10，234 |
| 129，788 | 128，849 | 127，619 | 128，250 | 127，869 | 130，392 |
| 61，668 | 60，581 | 59，417 | 59，597 | 59，735 | 61，517 |
| 10，134 | 10，234 | 10，373 | 10，672 | 10，736 | 10，821 |
| 28，925 | 27，892 | 26，665 | 26，375 | 26，023 | 27，585 |
| 9，962 | 9，920 | 9，956 | 10，028 | 10，314 | 10，349 |
| 68，120 | 68，268 | 68，202 | 68，653 | 68，134 | 68，875 |
| 24，206 | 24，357 | 24，386 | 24，484 | 24，129 | 24，983 |
| 17，924 | 18，068 | 18，075 | 18，090 | 17，663 | 18，523 |
| 14，442 | 14，546 | 14，767 | 15，174 | 14，994 | 14，960 |
| 11，218 | 11，047 | 10，912 | 10，891 | 10，918 | 10，876 |
| 31，312 | 33，067 | 35，274 | 47，915 | 28，146 | 27，026 |
| 2，320 | 2，347 | 2，575 | 3，792 | 1，933 | 1，868 |
| 345 | 359 | 362 | 361 | 289 | 272 |
| 28，992 | 30，720 | 32，699 | 44，123 | 26，213 | 25，158 |
| 9，115 | 9，991 | 12，020 | 19，437 | 7，122 | 6，991 |
| 11，201 | 11，521 | 11，135 | 13，050 | 11，038 | 10，454 |
| 11，057 | 11，381 | 10，987 | 12，786 | 10，905 | 10，308 |
| 1，611 | 1，729 | 1，934 | 3，055 | 1，228 | 1，186 |
| 1，856 | 1，977 | 1，860 | 1，924 | 1，803 | 1，736 |
| 1，507 | 1，551 | 1，625 | 2，442 | 1，575 | 1，542 |
| 32，606 | 32，560 | 32，817 | 33，540 | 33，312 | 33，083 |
| 343 | 344 | 346 | 339 | 348 | 351 |
| 8，498 | 8，522 | 8，547 | 8，937 | 8，967 | 8，697 |
| 590 | 588 | 588 | 600 | 598 | 606 |
| 11，237 | 11，224 | 11，257 | 11，416 | 11，185 | 11，340 |
| 1，656 | 1，678 | 1，725 | 1，728 | 1，726 | 1，746 |
| 683 | 706 | 723 | 736 | 748 | 758 |
| 354 | 356 | 368 | 371 | 370 | 389 |
| 1，627 | 1，638 | 1，651 | 1，616 | 1，694 | 1，744 |


| 64，103 | 64，781 |
| :---: | :---: |
| 11，272 | 11，240 |
| 9，256 | 9，208 |
| 753 | 739 |
| 21，501 | 21，572 |
| 20，208 | 20，298 |
| 8，183 | 8，391 |
| 4，322 | 4，519 |
| 654 | 698 |
| 1，678 | 1，688 |
| 838 | 868 |
| 9，762 | 9，776 |
| 3，263 | 3，197 |
| 1，563 | 1，572 |
| 128，843 | 129，335 |
| 61，071 | 61，058 |
| 11，198 | 11，207 |
| 27，488 | 27，599 |
| 10，325 | 10，266 |
| 67，772 | 68，277 |
| 24，334 | 25，003 |
| 18，028 | 18，615 |
| 14，900 | 14，854 |
| 10，667 | 10，698 |
| 129，327 | 129，901 |
| 60，412 | 60，640 |
| 10，893 | 10，838 |
| 26，739 | 27，326 |
| 10，461 | 10，307 |
| 68，915 | 69，261 |
| 25，080 | 25，389 |
| 18，566 | 18，803 |
| 14，826 | 14，854 |
| 10，885 | 10，972 |
| 32，513 | 32，638 |
| 2，382 | 2，475 |
| 345 | 361 |
| 30，131 | 30，163 |
| 9，311 | 9，531 |
| 11，693 | 11，711 |
| 11，529 | 11，563 |
| 1，717 | 1，710 |
| 2，030 | 2，033 |
| 1，727 | 1，696 |
| 33，568 | 33，349 |
| 355 | 344 |
| 8，920 | 8，800 |
| 596 | 593 |
| 11，472 | 11，381 |
| 1，757 | 1，778 |
| 772 | 743 |
| 378 | 390 |
| 1，773 | 1，774 |


|  |  オంo | 帯思 |  |  | $\cdots$ NN |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  <br>  |  |  | $$ |  |  |  |
|  |  |  |  | $\begin{aligned} & \text { out } \\ & \text { outio } \\ & 0 \end{aligned}$ |  |  | $\begin{array}{r} \text { 上5 } \\ \text { os } \\ \text { ond } \\ \text { ond } \\ \hline \end{array}$ |
|  | ちぞN゙ざすN゙ <br>  |  |  |  |  |  |  |
|  |  | ！ |  | ¿ | \％N゙心 |  |  |
|  | （：c：c：cc：c | 京 |  | ＋ |  |  |  |

LABOR FORCE，EMPLOYMENT，AND EARNINGS


| Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS | 1981 | 1982 | 1982 |  |  |  | 1983 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Annual |  | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. |

## LABOR FORCE, EMPLOYMENT, AND EARNINGS-Continued



| Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 odition of BUSINESS STATISTICS | 1981 | 1982 | 1982 |  |  |  | 1983 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Annual |  | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. |

LABOR FORCE, EMPLOYMENT, AND EARNINGS-Continued


See footnotes at end of tables.

| Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS | 1981 | 1982 | 1982 |  |  |  | 1983 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Annual |  | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. |

## LABOR FORCE, EMPLOYMENT, AND EARNINGS--Continued

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline HOURLY AND WEEKLY EARNINGS \(\dagger\) \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline Average hourly earnings per worker: Not seasonally adjusted: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline Private nonagric. payrolls .................... dollars. \& 7.25 \& 7.67 \& 7.76 \& 7.79 \& 7.81 \& 7.82 \& 7.90 \& 7.92 \& 7.90 \& 7.94 \& 7.97 \& 7.97 \& 8.00 \& 7.94 \& 8.11 \& 8.15 \\
\hline Mining \& 10.04 \& 10.78 \& 10.99 \& 10.96 \& 11.01 \& 11.03 \& 11.21 \& 11.25 \& 11.19 \& 11.28 \& 11.20 \& 11.25 \& 11.29 \& \({ }^{111.28}\) \& \({ }^{11} 1.35\) \& \({ }^{111.35}\) \\
\hline Construction ......................................... do \& \({ }^{10.82}\) \& 11.62 \& 11.74 \& \({ }^{11.88}\) \& 11.72 \& \({ }^{11.96}\) \& \({ }_{8}^{11.95}\) \& 12.00 \& \({ }^{11.95}\) \& 111.90 \& 11.80 \& 11.74 \& 11.78 \& 11.84 \& \({ }^{12} 81200\) \& \({ }^{1} 12.03\) \\
\hline Manufacturing ................................... do.... \& 7.99 \& \({ }_{8}^{8.50}\) \& 8.59 \& \({ }_{8}^{8.56}\) \& \({ }_{836}^{8.61}\) \& \({ }_{8.68}^{8.68}\) \& \({ }_{8.46}^{8.71}\) \& \({ }_{8}^{8.75}\) \& -8.74 \& \({ }_{8.78}^{8.77}\) \& \begin{tabular}{l}
8.78 \\
8.89 \\
\hline
\end{tabular} \& \begin{tabular}{l}
8.81 \\
884 \\
\hline
\end{tabular} \& \({ }_{88}^{8.86}\) \& \(\begin{array}{r}1.79 \\ \hline 8.46 \\ \hline 8\end{array}\) \&  \& \({ }^{8.8 .91}\) \\
\hline Excluding overtime \(\qquad\) do... \& \begin{tabular}{l}
7.72 \\
8.54 \\
\hline
\end{tabular} \& 8.25
9.06 \& \begin{tabular}{l}
8.33 \\
9.17 \\
\hline
\end{tabular} \& 8.31
9.13 \& 8.36
9.17 \& \begin{tabular}{l}
8.42 \\
9.24 \\
\hline
\end{tabular} \& 8.46
9.26 \& 8.50
9.31 \& 8.47
9.29 \& \begin{tabular}{l}
8.48 \\
9.31 \\
\hline
\end{tabular} \& \begin{tabular}{l}
8.49 \\
9.34 \\
\hline
\end{tabular} \& 8.49
9.37 \& 8.54
9.40 \& \begin{tabular}{l} 
r8.46 \\
\hline 9.34 \\
\hline
\end{tabular} \& \begin{tabular}{l} 
r8.53 \\
\\
r9.48 \\
\hline
\end{tabular} \& -8.55 \\
\hline Excluding overtime \& 8.25 \& 8.81 \& 8.92 \& 8.90 \& 8.92 \& 8.97 \& 9.02 \& 9.06 \& 9.02 \& 9.02 \& \({ }_{9}^{9.04}\) \& 9.04 \& 9.08 \& \& \({ }^{9} 9.99\) \& \({ }^{29.09}\) \\
\hline Lumber and wood products.............. do. \& 6.99 \& 7.46 \& 7.65 \& 7.57 \& 7.59 \& 7.55 \& 7.68 \& 7.72 \& 7.68 \& 7.74 \& 7.78 \& 7.85 \& 7.82 \& 7.83 \& -7.84 \& จ7.83 \\
\hline Furniture and fixtures ................... do. \& 5.91 \& 6.31 \& 6.40 \& 6.40 \& 6.43 \& 6.46 \& 6.49 \& 6.50 \& 6.51 \& 6.51 \& 6.52 \& 6.60 \& 6.65 \& 6.67 \& \({ }^{\text {r } 6.73}\) \& \({ }^{\text {p6.73 }}\) \\
\hline Stone, clay, and glass products......... do. \& 8.27 \& 8.86 \& 9.03 \& 9.03 \& 9.04 \& 9.08 \& 9.10 \& 9.10 \& 9.13 \& 9.16 \& 9.20 \& 9.28 \& 9.34 \& \({ }^{7} 9.31\) \& r9.42 \& \({ }^{\text {P9. }}\). 37 \\
\hline Primary metal industries ................ do \& 10.81 \& 11.33 \& 11.54 \& 11.41 \& 11.49 \& 11.49 \& 11.56 \& 11.53 \& 11.24 \& 11.25 \& 11.28 \& 11.23 \& 11.37 \& 11.28 \& 11.31 \& \({ }^{-11.28}\) \\
\hline Fabricated metal products.............. do \& 8.19 \& \(\begin{array}{r}8.78 \\ 9 \\ 98 \\ \hline 8\end{array}\) \& 8.90
9.41 \& \begin{tabular}{l}
8.85 \\
\hline 96 \\
\hline 8
\end{tabular} \& \(\begin{array}{r}8.90 \\ 98 \\ \hline 8\end{array}\) \& \begin{tabular}{l}
8.96 \\
9.43 \\
\hline
\end{tabular} \& \begin{tabular}{l}
8.98 \\
9.40 \\
\hline
\end{tabular} \& \begin{tabular}{l}
9.04 \\
9.44 \\
\hline 1
\end{tabular} \& \begin{tabular}{l} 
9.05 \\
9.46 \\
\hline 10
\end{tabular} \& \begin{tabular}{l}
9.07 \\
9.48 \\
\hline
\end{tabular} \& 9.08
9.59 \& \begin{tabular}{l}
9.11 \\
9.63 \\
\hline
\end{tabular} \& \begin{tabular}{l}
9.10 \\
9.65 \\
\hline
\end{tabular} \& r9.122
9.61 \&  \& \begin{tabular}{l}
19.20 \\
\hline 9.76 \\
\hline 8
\end{tabular} \\
\hline Electric and electronic equipment .... do \& 7.62 \& 8.21 \& \({ }_{8.37}\) \& 8.41 \& 8.45 \& 8.51 \& 8.53 \& 8.56 \& 8.60 \& 8.60 \& 8.60 \& 8.63 \& 8.69 \& 8.64 \& r8.74 \& \({ }^{\text {P8.72 }}\) \\
\hline Transportation equipment ............... do.. \& 10.39 \& 11.12 \& 11.24 \& 11.29 \& 11.34 \& 11.43 \& 11.40 \& 11.49 \& 11.49 \& 11.53 \& 11.52 \& 11.63 \& 11.62 \& 11.53 \& 11.81 \& 11.82 \\
\hline Instruments and related products .... do \& 7.42 \& 8.10 \& 8.24 \& 6. 50 \& 6.56 \& \({ }_{6}^{8.38}\) \& 8.42 \& 8.48 \& 8.47
6 \& \({ }_{8}^{8.76}\) \& 8.48
688 \& 8.48 \& 8.57 \& \({ }^{18.53}\) \& 8.61 \& \({ }^{8 .} 8.57\) \\
\hline Miscellaneous manufacturing ........... do... \& 5.9 \& 6.43 \& \& 6.50 \& 6.56 \& 6.67 \& 6.72 \& 6.73 \& 6.75 \& 6.76 \& 6.82 \& 6.81 \& 6.82 \& \({ }^{16} 681\) \& \({ }^{\text {r } 6.85}\) \& \({ }^{8} 6.87\) \\
\hline Nondurable goods ........ \& 7.18 \& 7.73 \& 7.84 \& 7.80 \& 7.88 \& 7.95 \& 7.97 \& 7.95 \& 8.00 \& 8.03 \& 8.03 \& 8.04 \& 8.11 \& 8.05 \& \({ }^{\text {r. }} 170\) \& \({ }^{88.12}\) \\
\hline Foxcluding overtime and kinded pres.............. do... \& 7.94 \& 7.49
789 \& 7.56 \& 7.55 \& 7.62
80 \& 7.69
8.06 \& 7.72
809 \& 8.75 \& \(\begin{array}{r}7.74 \\ 816 \\ \hline\end{array}\) \& \& \& \& \({ }_{8}^{7.817}\) \& \({ }^{7} 7.73\) \& \& \({ }^{8} 8.79\) \\
\hline Food and kindred products .............. do........... \& 7.44 \& 7.89
9.78 \& \begin{tabular}{l}
7.91 \\
9.55 \\
\hline
\end{tabular} \& 7.88
9.50 \& 8.00
10.16 \& 8.06
9.63 \& 8.09
9.87 \& \({ }_{8}^{8.11}\) \& 8.16
10.43 \& 8.20
10.61 \& 8.18
10.74 \& 8.17
10.91 \& \(\begin{array}{r}8.17 \\ 10.84 \\ \hline\end{array}\) \& \({ }^{\text {r }} 10.124\) \& \(\begin{array}{r}8.13 \\ +9.86 \\ \hline 8 .\end{array}\) \& \begin{tabular}{l} 
P8.15 \\
\\
\hline 9.79
\end{tabular} \\
\hline Textile mill products .......................... do \& 5.52 \& 5.83 \& 5.86 \& 5.88 \& 5.92 \& 6.04 \& 6.08 \& 6.10 \& 6.11 \& 6.14 \& 6.14 \& 6.16 \& 6.17 \& 6.19 \& 6.23 \& \({ }^{6} 6.24\) \\
\hline Apparel and other textile products .. do \& 4.97 \& 5.20 \& 5.23 \& 5.21 \& 5.24 \& 5.28 \& 5.33 \& 5.33 \& 5.33 \& 5.35 \& 5.33 \& 5.36 \& 5.35 \& \({ }^{5} 5.35\) \& r5.39 \& \({ }^{\text {P } 5.40}\) \\
\hline Paper and allied products ............... do \& 8.60 \& 9.32 \& 9.63 \& 9.53 \& 9.60 \& 9.65 \& 9.65 \& 9.65 \& 9.67 \& 9.72 \& 9.81 \& 9.91 \& 10.06 \& \({ }^{10.02}\) \& 10.09 \& \({ }^{10.07}\) \\
\hline Printing and publishing ................. do \& 8.19 \& 8.75 \& 8.91 \& 8.89 \& 8.92 \& 9.00 \& 8.97 \& 8.99 \& 9.03 \& 9.03 \& 9.05 \& 9.06 \& 9.10 \& r9.14 \& 9.25 \& \({ }^{\text {P9, } 29}\) \\
\hline Chemicals and allied products.......... do \& 9.12 \& \({ }^{96}\) \& 10.19 \& 10.22 \& 10.26 \& 10.32 \& 10.34 \& 10.41 \& 10.39 \& 10.43 \& 10.50 \& 10.52 \& 10.58 \& \({ }^{1} 10.61\) \& \({ }^{10.67}\) \& \({ }^{10.73}\) \\
\hline Petroleum and coal products \& 11.38 \& 12.46 \& 12.61 \& 12.57 \& 12.68 \& 12.71 \& 13.16 \& 13.25 \& 13.28 \& 13.27 \& 13.17 \& 13.17 \& 13.20 \& \({ }^{1} 13.16\) \& \({ }^{\text {r13.35 }}\) \& \({ }^{13} 13.35\) \\
\hline Rubber and plastics products, \& 7.17
499 \& \({ }^{7} .65\) \& \({ }_{5}^{7.78}\) \& \({ }_{5}^{7.74}\) \& \({ }_{7}^{7.81}\) \& 7.91 \& \({ }_{5}^{7.91}\) \& \begin{tabular}{l}
7.91 \\
5 \\
5 \\
\hline
\end{tabular} \& 7.92 \& \({ }_{7}^{7.95}\) \& \({ }^{7} 51.97\) \& 7.96 \& \({ }_{5}^{8.06}\) \& 8.03 \& 8. \({ }^{8.08}\) \& \({ }^{\text {P8. }} 8.10\) \\
\hline Leather and leather products .......... do \& 4.99
970 \& 5.32
1030 \& 5.41 \& 5.39 \& 5.41
10.59 \& 5.44 \& 5.50 \& 5.50 \& 5.52 \& 5.52 \& 5.51 \& 5.49 \& 5.52 \& \& 5.57 \& P5.57 \\
\hline Transportation and public utilities .......... do \& \& \& 10.46 \& 10.48 \& 10.59 \& 10.62 \& 10.6 \& 10.75 \& 10.68 \& 10.72 \& 10.74 \& 10.7 \& \({ }^{10.86}\) \& \& 10.97 \& . 00 \\
\hline Wholesale and retail trade .............................. \& 5.92
7.56 \& \({ }_{8.02}^{6.21}\) \& \({ }_{8}^{6.24}\) \& 6.27
8.13 \& \begin{tabular}{l}
6.30 \\
8.14 \\
\hline
\end{tabular} \& \({ }_{8}^{6.27}\) \& \({ }_{8.31}\) \& \begin{tabular}{l}
6.45 \\
8.28 \\
\hline
\end{tabular} \& \({ }_{8.47}^{6.43}\) \& \begin{tabular}{l}
6.45 \\
8.34 \\
\hline
\end{tabular} \& \begin{tabular}{l}
6.46 \\
8.36 \\
\hline
\end{tabular} \& \begin{tabular}{l}
6.46 \\
8.35 \\
\hline
\end{tabular} \& 6.48
8.42 \&  \& 6.54 \& \({ }^{9} 6.56\) \\
\hline Retail trade .......................................... d \& 5.25 \& 5.47 \& 5.50 \& \({ }_{5}^{5.53}\) \& 5.56 \& 5.54 \& \({ }_{5} .65\) \& 5.69 \& 5.68 \& \({ }_{5}^{6.69}\) \& 5.71 \& 5.71 \& 5.72 \& \({ }^{5} 5.71\) \&  \& . 77 \\
\hline Finance, insurance, and real estate .......... d \& 6.31 \& 6.78 \& 6.90 \& 6.97 \& 7.00 \& 7.01 \& 7.19 \& 7.22 \& 7.19 \& 7.23 \& 7.31 \& 7.26 \& 7.30 \& \({ }^{\text {r } 7.25}\) \& \({ }^{7} 7.38\) \& \({ }^{7} .43\) \\
\hline Services ......................................... do \& 6.41 \& 6.90 \& 6.99 \& 7.04 \& 7.08 \& 7.12 \& 7.18 \& 7.19 \& 7.17 \& 7.20 \& 7.23 \& 7.20 \& 7.18 \& 7.18 \& 7.31 \& P7.40 \\
\hline Seasonally adjusted: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline Private nonagricultural payrolls ........... dollars.. \& 7.25 \& . 67 \& 7.73 \& \({ }^{1} 7.76\) \& 7.78 \& . 82 \& \[
7.88
\] \& \[
7.91
\] \& (19191 \& \[
{ }_{11}^{7}{ }^{7.95}
\] \& \[
{ }^{7}{ }^{7.97}
\] \& \[
{ }^{8.00}
\] \& \[
{ }_{1}^{8.03}
\] \& \[
{ }_{1}^{7.98}
\] \& \[
8.08
\] \& \({ }^{\text {P }} 8.13\) \\
\hline  \& 10.82 \& 11.62 \& 11.66 \& 11.77 \& 11.71 \& 11.88 \& 11.86 \& 12.00 \& 12.00 \& 12.02 \& 11.86 \& 11.85 \& 11.82 \& 11.83 \& \({ }^{11.93}\) \& \({ }^{11.91}\) \\
\hline Manufacturing \& 7.99 \& 8.50 \& 857 \& 58 \& 8.61 \& 8.63 \& 8.6 \& 876 \& 8.75 \& 878 \& 8.79 \& 8.82 \& 8.85 \& \& \& \\
\hline Transportation and public utilities ......... do \& 9.70 \& 10.30 \& 10.39 \& 10.45 \& 10.51 \& 10.58 \& 10.66 \& 10.70 \& 10.77 \& 10.76 \& 10.82 \& 10.83 \& 10.88 \& \({ }^{1} 10.64\) \& \({ }^{10.89}\) \& -10.97 \\
\hline Wholesale and retail trade ................. do \& 5.92 \& \({ }_{6}^{6.21}\) \& 6.24 \& 6.29 \& 6.32 \& 6.33 \& \({ }^{6.35}\) \& \({ }^{6.39}\) \& 6.40 \& 6.43 \& 6.45 \& 6.49 \& 6.51 \& \({ }^{\text {r } 6.52}\) \& 6.54 \& \\
\hline  \& 6.31
6.41 \& 6.78
6.90 \& \({ }^{(1)} 7.00\) \& \({ }^{(4.7} 7\) \&  \& \({ }^{(1)} 709\) \& \({ }^{(1)} 7.11\) \& \({ }^{(1)} 7.14\) \& \({ }_{7.15}\) \& \({ }^{(1)} 7.19\) \& \({ }_{7.24}\) \& \({ }_{7}(1)\) \& \({ }^{(1)} 7\) \& \({ }^{(1)} 7.26\) \& \({ }_{\text {- }}^{\text {(1) }} 1.32\) \& \({ }^{\text {(1) }} 7.39\) \\
\hline Indexes of avg. hourly earnings, seas, adj.: Private nonfarm economy: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline Current dollars ............................ 1977=100 \& 1389 \& 148.3 \& 150.0 \& 150.7 \& 151.1 \& 151.9 \& 152.7 \& 153.4 \& 153.4 \& 154.0 \& 154.6 \& 154.8 \& 155.2 \& 155.0 \& 155.9 \& \({ }^{156.8}\) \\
\hline  \& 148.26 \& 159.0 \& 93.1
1628 \& \(\begin{array}{r}93.1 \\ 16.1 \\ \hline 1\end{array}\) \& \(\begin{array}{r}93.4 \\ 162.9 \\ \hline\end{array}\) \& 194.1
163.0 \& 94.7 \& \({ }^{1656.3}\) \& 165.0 \& \begin{tabular}{l}
194.8 \\
1658 \\
\hline
\end{tabular} \& \(\begin{array}{r}194.7 \\ 1650 \\ \\ \hline 1\end{array}\) \& 94.8
1664 \& 194.7
1676 \& \({ }^{9} 94.0\) \& \& \\
\hline Construction .......-*) - \& 132.0 \& 141.1 \& 141.6 \& 142.9 \& 141.9 \& 144.0 \& 144.0 \& 145.6 \& 145.5 \& 145.9 \& 144.5 \& 144.6 \& 144.0 \& \({ }^{1} 144.1\) \& \({ }^{1} 145.3\) \& \(\bigcirc 145.0\) \\
\hline Manufacturing ..................................... do \& 141.9 \& 152.5 \& 154.6 \& 154.7 \& 155.3 \& 155.8 \& 156.5 \& 157.3 \& 157.1 \& 157.0 \& 157.7 \& 157.8 \& 158.2 \& \({ }^{1588.1}\) \& \({ }^{158.3}\) \& \({ }^{158.7}\) \\
\hline Transportation and pubic utilities ............ do \& 139.4 \& 148.6 \& 150.1 \& 151.1 \& 152.2 \& 153.1 \& 154.4 \& 155.2 \& 155.9 \& 155.9 \& 156.6 \& 156.8 \& 157.9 \& \({ }^{1} 155.4\) \& \({ }^{1} 158\). \& \({ }^{1} 159.2\) \\
\hline Wholesale and retail trade Finance insur............... do \& 1138.0 \& 145.0
1483 \& 146.2 \& \({ }_{1}^{14720}\) \& \({ }_{1526}^{147.5}\) \& 1483.1 \& 148.9 \& 1145.3 \& 149.6 \& 150.5 \& \({ }_{1590}^{151.2}\) \& \({ }^{158.6}\) \& \({ }_{1591}^{152.1}\) \& \({ }^{1} 158.3\) \& \({ }^{1} 15398\) \& \({ }^{1} 153.9\) \\
\hline Finance, insurance, and real estate............ do \& 1387.1
13.3 \& 1447.6 \& \({ }_{1498}^{150.6}\) \& 152.0
150.5 \& \({ }_{150.7}^{152.6}\) \& 153.0
152.0 \& 156.7
152.2 \& 157.4
152.4 \& +152.6 \& 157.4
154.0 \& 159.0
154.9 \& 158.2
15.5 \& 159.1
155.6 \& r158.2

155.9 \& r159.8
r157.0 \& P162.0
p 158.6 <br>
\hline Hourly wages, not seasonally adjusted:
Construction \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Common labor .... \& \& \& \& \& \& \& \& \& 14.92 \& 92 \& 14.92 \& 15.24 \& 15.35 \& \& \& <br>
\hline Skilled labor .......................................... do.... \& 16.78 \& 18.56 \& 18.99 \& 19.01 \& 19.10 \& 19.26 \& 19.34 \& 19.46 \& 19.46 \& 19.46 \& 19.49 \& 19.85 \& 20.05 \& 20.24 \& 20.37 \& -20.37 <br>
\hline Farm (U.S.) wage rates, hired workers, by method of pay: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline All workers, including piece-rate ......... \$ per hr.. \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Workers receiving cash wages only $\qquad$ do \& \& \& \& \& \& \& \& \& \& \& \& \& ...... \& \& \& <br>
\hline Railr \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Rallroad wages (average, \& \& 1.5 \& 11.5 \& 11.6 \& 12.0 \& 12.1 \& 12.5 \& 12.7 \& 12.4 \& 12.6 \& 2.68 \& 12.6 \& 13.0 \& 12. \& \& <br>
\hline Avg. weekly earn \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Current dollars, seasonally adjusted \& 255.20 \& 266.92 \& 269.00 \& 269.27 \& 269.97 \& 272.14 \& 276.59 \& 272.90 \& 275.27 \& 277.46 \& 279.75 \& 280.80 \& 281.05 \& 279.30 \& 284.42 \& <br>
\hline 1977 dollars, seasonally adjusted $\ddagger$ \& 170.13 \& 167.87 \& 166.98 \& 166.32 \& 166.96 \& 168.61 \& 171.48 \& 169.61 \& 170.45 \& 170.85 \& 171.42 \& 171.85 \& 171.37 \& 169.48 \& 171.85 \& 172.29 <br>
\hline Spendable earnings (worker with 3 depen Current dollars, seasonally adjusted \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline 1977 dollars, seasonally adjusted $\ddagger$. \& 147.05 \& ${ }^{(2)}$ \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Current dollars, not seasonally adjusted: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>

\hline Private nonfarm, total ........................ dolla \& 255 \& 266.9 \& 270.0 \& 270.31 \& 271.01 \& 273.70 \& 273.34 \& 270.8 \& 274.13 \& 275.5 \& 278.15 \& 280.5 \& 283.20 \& 281. \& 286.28 \& | P28770 |
| :--- |
| P49259 |
|  | <br>

\hline Mining \& ${ }^{438975}$ \& 459.23 \& 461.58 \& 459.22 \& 458.02 \& 454.47 \& 476.43 \& 464.6 \& ${ }^{467.74}$ \& 469.25 \& 472.6 \& 478.1 \& 475.31 \& ${ }^{2} 481.66$ \& '489.19 \& ${ }^{\text {P4492.59 }}$ <br>
\hline Manufact \& 318.26 \& 436.45
33065 \& ${ }_{334}^{43.215}$ \& 440.75 \& ${ }_{338}{ }^{423.09}$ \& 440.13 \& 440.96 \& 429.80 \& 434.98 \& 436.73 \& 441 \& 444.9 \& 450 \& 449.92 \& ${ }^{\text {r }}$ - 54.812 \& ${ }^{\text {P }}$ <br>
\hline  \& \& \& \& 357.90 \& 336313 \& 344.6 \& ${ }^{341.43}$ \& ${ }_{3} 395.51$ \& 346.10 \& 349.05 \& 350.32 \& 355.04 \& 354.40 \& ${ }_{\text {r3sind }}$ \& ${ }^{2} 363.12$ \& -391.11 <br>

\hline Durable goods ................................... do \& | 343.31 |
| :--- |
| 280.74 | \& 306.06

296.83 \& ${ }^{357.63}$ \& ${ }_{301.08}$ \& 305.74 \& 310.85 \& 307.64 \& 305.22 \& ${ }_{311.20}$ \& 313.97 \& 315.58 \& 319.19 \& 319.53 \&  \& ${ }^{\text {r } 324.81}$ \& ${ }^{2} 323.99$ <br>
\hline Transportation and public utilities ......... do \& 382.18 \& 401.70 \& 405.85 \& 406.62 \& 413.01 \& 416.30 \& 409.04 \& 411.65 \& 413.32 \& 413.79 \& 415.64 \& 419.54 \& 425.71 \& ${ }^{\text {'421.86 }}$ \& ${ }^{\text {r }} 432.22$ \& 『433.40 <br>
\hline Wholesale and retail trade ..................... do \& 190.62 \& 198.10 \& 200.30 \& 199.39 \& 199.71 \& 203.15 \& 201.59 \& 199.31 \& ${ }^{201.90}$ \& 203.18 \& 205.43 \& 20737 \& ${ }^{210.60}$ \& -209.63 \& -203.63 \& 2209.26 <br>
\hline Wholesale trade ................................. do \& ${ }^{291.06}$ \& ${ }^{307.97}$ \& 311.04 \& 313.01 \& 313.39 \& 317.34 \& 318.27 \& ${ }^{313.81}$ \& ${ }^{316.74}$ \& 319.42 \& 31.85 \& 323.15 \& 326.70 \& ${ }^{\text {r }} 325.47$ \& ${ }^{\text {r }}$ 1728.18 \& P330.50 <br>
\hline Retail trade ................................... do \& 158.03 \& 163.55 \& 165.55 \& 164.79 \& 164.58 \& 168.97 \& 164.98 \& 163.30 \& 166.42 \& 167.29 \& ${ }^{169.59}$ \& 171.87 \& 175.03 \& ${ }^{1} 174.16$ \& 171.95 \& P171.95 <br>
\hline Finance, insurance, and real estate......... do \& 229.05 \& ${ }^{245.44}$ \& 249.09 \& 252.31 \& 253.40 \& ${ }_{2} 254.46$ \& ${ }_{26244}$ \& 260.64 \& 258.8 \& ${ }^{261.00}$ \& ${ }_{2} 265.35$ \& 262.09 \& 264.9 \& ${ }^{2} 261.73$ \& \& -271.20 <br>
\hline Services .............................................. do.... \& 208.97 \& 224.94 \& 228.57 \& 228.80 \& 230.10 \& 232.11 \& 234.79 \& 232.96 \& 233.74 \& 234.72 \& 236.42 \& 236.88 \& 237.66 \& 237.66 \& '239.04 \& 241.98 <br>
\hline HELP-WANTED ADVERTISING \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Seasonally adjusted index $. . . . . . . . . . . . . . . . . . . . . . ~ 1967=100 . . ~$ \& 119 \& 86 \& 73 \& 76 \& 78 \& 83 \& 83 \& 83 \& 83 \& 81 \& 87 \& 92 \& 100 \& r97 \& 99 \& <br>
\hline
\end{tabular}

| Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS | 1981 | 1982 | 1982 |  |  |  | 1983 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Annual |  | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. |

## LABOR FORCE, EMPLOYMENT, AND EARNINGS-Continued

| WORK STOPPAGES $\bigcirc$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Work stoppages involving 1,000 or more workers: Number of stoppages: <br> Beginning in month or year $\qquad$ number Workers involved in stoppages: $\qquad$ <br> Days idle during month or year ..thous $\qquad$ do... | $\begin{array}{r} 145 \\ 729 \\ 16,908 \end{array}$ | 96 966 9,061 | $\left.\begin{array}{r} 399 \\ 2,089 \end{array} \right\rvert\,$ | 38 905 |  |  |  | 14 844 |  |  | 11 24 494 | $\begin{array}{r}13 \\ \hline 676\end{array}$ |  | 676 10,656 | r22 $\stackrel{\mathrm{r}}{5} 75$ | $\begin{array}{r}63 \\ \hline 1,152\end{array}$ |
| UNEMPLOYMENT INSURANCE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Unemployment insurance programs: <br> Insured unemployment, all programs, average <br> weekly \#@ | 3,410 | 4,590 | 4,282 | 4,391 | 4,635 | 5,074 | 5,459 | 5,437 | 5,134 | 4,642 | 3,947 | 3,481 | '3,275 | 2,917 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Insured unemployment, avg. weekly....... d | 3,048 | 4,057 | - 3,712 | 3,828 | 4,656 | 4,581 | 4,923 | $\begin{aligned} & 2,065 \\ & 4,759 \end{aligned}$ | $\left.\begin{aligned} & 2,075 \\ & 4,401 \end{aligned} \right\rvert\,$ | $\begin{aligned} & 1,874 \\ & 3,906 \end{aligned}$ | $\begin{aligned} & 1,666 \\ & 3,361 \end{aligned}$ | $\begin{gathered} 1,740 \\ 3,063 \end{gathered}$ | $\begin{aligned} & 1,804 \\ & 3,049 \end{aligned}$ | $\begin{aligned} & 1,669 \\ & 2,766 \end{aligned}$ |  |  |
| Percent of covered employment: @ @ Unadjusted | 3.5 | 4.6 | 4.2 | 4 | 4.7 | 5.2 | 5.6 | 5.5 | 5.0 | 4.5 | 3.9 | 3.5 | 3.5 | 3.2 |  |  |
| Seasonally adjusted.................. |  |  |  | 5.3 |  |  | 4.5 |  |  |  |  |  |  | 3.5 |  |  |
| Beneficiaries, average weekly thous. <br> Benefits paid @ $\qquad$ mil. \$. | $\left.\begin{array}{\|c} \mathrm{r}^{2} 2,614,62.1 \end{array} \right\rvert\,$ | $\begin{array}{r} 3,558 \\ \mathrm{r} 20,651.8 \end{array}$ | $\xrightarrow{3,311.3}$ | $\xrightarrow{3,647.3}$ | 3,448 $1,820.0$ | $\stackrel{3,877}{2,138.0}$ | $\underset{2,205.6}{4,358}$ | $\xrightarrow{4,2528}$ | $\stackrel{4,246}{2,367.8}$ | 3,568 $1,817.5$ | $\underset{1,587.9}{2,985}$ | [1,537.4 ${ }^{\text {r2,913 }}$ | $\stackrel{2,609}{1,298.2}$ | 2,458 $1,337.8$ |  |  |
| Federal employees, insured unemployment average weekly | 32 | 32 | 26 | 28 | 31 | ${ }_{33}$ | 35 | 33 | 31 | 26 | 22 | 21 | 23 | 22 |  |  |
| Veterans' program (UCX): <br> Initial claims. |  |  | 11 |  |  |  |  |  |  |  |  |  |  | 19 |  |  |
| Insured unemployment, avg. | 41 |  |  |  | 14 | 26 | 37 | 37 | 34 |  |  |  |  | 26 |  |  |
| Beneficiaries, average we |  |  | $\stackrel{6}{9}$ | 7 | , | 20 | 32 | 36 | 34 | 28 | 24 | 24 | 22 | 23 |  |  |
| Benefits paid................... | 80.7 | 83.5 | 2.9 | 3.4 | 4.0 | 11.2 | 16.8 | 18.0 | 19.6 | 14.8 | 13.1 | 13.6 | 12.1 | 13.9 |  |  |
|  |  |  |  |  |  |  |  |  |  | 9 |  |  |  | 14 |  |  |
| Insured unemployment, avg weekly....... milo.. |  |  | 5 | 73 | 78 | 81 | 95 | 76 | 6.8 | 79 | 74 | 47 | 48 | 43 |  |  |
| Benefits paid.................................. mil. \$... | 10.8 | 338.7 | 31.1 | 31.6 | 35.1 | 39.5 | 44.5 | 33.1 | 36.2 | 24.8 | 29.4 | 15.0 | 17.6 | 21.8 |  |  |

FINANCE

| BANKING |  |
| :---: | :---: |
| Open market paper outstanding, end of period: <br> Bankers' acceptances .................................... mil. \$. |  |
|  |  |
| mmercial and financial co. paper, total ...... do... |  |
| Financial companies |  |
|  |  |
| onfinancial com |  |
|  |  |
| Agricultural loans and discounts outstanding of agencies supervised by the Farm Credit Adm.: |  |
| Farm mortgage loans: <br> Federal land banks $\qquad$ |  |
|  |  |
|  |  |
| Loans to cooperatives $\qquad$ do.... <br> Other loans and discounts $\qquad$ do.... |  |
|  |  |
| Federal Reserve banks, condition, end of period: Assets, total \# $\qquad$ mil. |  |
|  |  |
|  |  |
|  |  |
|  |  |
| Liabilities, total \#... |  |
| Deposits, total................................................ do...Member-bank reserve balances ........... do...Federal Reserve notes in circulation......... do... |  |
|  |  |
| All member banks of Federal Reserve System, averages of daily figures: <br> Reserves held, total. mil. \$. |  |
|  |  |
| Required $\qquad$ do... Excess. $\qquad$ do.... |  |
| Borrowings from Federal Reserve banks ...... do... Free reserves $\qquad$ do... |  |
|  |  |
| Large commercial banks reporting to Federal Reserve System, Wed. nearest end of yr. or mo.: Deposits: <br> Demand, adjusted § $\qquad$ mil. \$.. |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
| me, total \# |  |
| Individuals, partnerships, and corp.: Savings .................................................... do. Other time |  |
|  |  |
|  |  |
| oans (adjusted), total § |  |
| Commercial and industrial |  |
| For purchasing or carrying securities ........ do.... |  |
| To nonbank financial institutions ................ $\qquad$ <br> Real estate loans $\qquad$ do. do. |  |
|  |  |
| Other loans $\qquad$ do.. |  |
|  |  |
|  |  |
|  |  |


| 69,226 | 79,543 | 73,818 | 75,811 | 77,125 | 79,543 | 77,529 | 73,706 | 70,843 | 70,389 | 68,797 | 70,907 | 72,710 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 161,114 | ${ }^{3} 162,330$ | 171,627 | 170,365 | 166,941 | 3162,330 | 167,304 | 169,142 | 166,534 | 169,892 | 169,870 | 171,642 | 172,674 | 172,407 | 175,966 |  |
| 111,908 | ${ }^{\text {s }} 118,640$ | 115,216 | 115,530 | 115,650 | ${ }^{3} 118,640$ | 120,626 | 122,230 | 121,034 | 123,819 | 125,552 | 127,318 | 128,520 | 129,375 | 130,121 |  |
| 30,357 | ${ }^{3} 34,666$ | 35,584 | 35,893 | 36,147 | ${ }^{3} 34,666$ | 36,755 | 38,363 | 36,529 | 36,984 | 38,205 | 38,645 | 37,927 | 39,136 | 39,088 |  |
| 81,551 | ${ }^{3} 83,974$ | 79,632 | 79,637 | 79,503 | ${ }^{3} 83,974$ | 83,871 | 83,867 | 84,505 | 86,835 | 87,347 | 88,673 | 90,593 | 90,239 | 91,033 |  |
| 49,206 | 43,690 | 56,411 | 54,835 | 51,291 | 43,690 | 46,678 | 46,912 | 45,500 | 46,073 | 44,318 | 44,324 | 44,154 | 43,032 | 45,845 |  |
| 78,206 | 80,408 | 81,566 | 81,352 | 80,766 | 80,408 | 80,202 | 80,356 | 80,856 | 81,022 | 81,024 | 81,165 | '81,397 | 81,601 | 81,177 | 81,106 |
| 46,463 | 50,375 | 50,006 | 50,160 | 50,292 | 50,375 | 50,364 | 50,429 | 50,569 | 50,687 | 50,778 | 50,884 | -50,946 | 51,006 | 51,095 | 51,105 |
| 9,124 | 8,423 | 8,078 | 8,288 | 8,477 | 8,423 | 8,882 | 9,102 | 9,341 | 9,259 | 8,967 | 8,630 | c8,659 | 8,974 | 8,707 | 9,263 |
| 22,619 | 21,609 | 23,464 | 22,904 | 21,998 | 21,609 | 20,955 | 20,825 | 20,946 | 21,076 | 21,279 | 21,652 | ${ }^{\text {c } 21,792 ~}$ | 21,621 | 21,375 | 20,737 |
| 176,778 | 190,128 | 180,647 | 186,454 | 187,494 | 190,128 | 176,424 | 183,117 | 182,445 | 189,421 | 185,011 | 189,579 | 189,478 | 193,405 | 208,034 | 190,067 |
| 143,906 1,601 | 153,769 717 | 146,838 1,123 | 142,629 | 149,394 | 153,769 | 142,656 | 142,975 | $\begin{array}{r}148,860 \\ 2,808 \\ \hline\end{array}$ | 151,134 84 | 152,198 1,260 | 155,649 <br> 3,610 | 155,314 1,113 | 160,242 3,633 | 167,398 1,625 | 155,907 387 |
| 130,954 | 139,312 | 134,393 | 132,080 | 137,676 | 139,312 | 132,368 | 135,561 | 136,651 | 141,550 | 141,180 | 141,673 | 144,255 | 146,489 | 155,423 | 146,096 |
| 11,151 | 11,148 | 11,148 | 11,148 | 11,148 | 11,148 | 11,144 | 11,139 | 11,138 | 11,135 | 11,132 | 11,131 | 11,131 | 11,128 | 11,128 | 11,126 |
| 176,778 | 190,128 | 180,647 | 186,454 | 187,494 | 190,128 | 176,424 | 183,117 | 182,445 | 189,421 | 185,011 | 189,579 | 189,478 | 193,405 | 208,034 | 190,067 |
| 30,816 | 34,334 | 32,095 | 36,638 | 29,884 | 34,334 | 26,275 | 29,160 | 28,100 | 32,321 | 26,054 | 27,508 | 27,781 | 30,608 | 44,593 | 26,112 |
| 25,228 | 26,489 | 20,318 | 24,678 | 26,533 | 26,489 | 22,683 | 22,468 | 23,419 | 23,193 | 20,567 | 18,004 | 23,046 | 25,702 | 20,697 | 20,227 |
| 131,906 | 141,990 | 135,197 | 136,048 | 139,989 | 141,990 | 137,667 | 139,060 | 141,497 | 142,497 | 145,783 | 147,549 | 147,094 | 148,241 | 148,172 | 149,676 |
| ${ }^{1} 41,918$ | ${ }^{1} 41,853$ | 39,963 | 40,587 | 41,199 | 41,853 | 41,862 | 39,797 | 38,039 | 38,650 | 38,282 | 38,415 | 38,947 | 38,660 | -37,916 | 38,042 |
| ${ }^{141,606}$ | ${ }^{1} \mathbf{4 1 , 3 5 3}$ | 39,579 | 40,183 | 40,797 | 41,353 | 41,316 | 39,362 | 37,602 | 38,174 | 37,833 | 37,935 | 38,440 | 38,214 | '37,418 | 37,626 |
| ${ }^{1} 312$ | ${ }^{1} 500$ | 384 | 404 | 402 | 500 | 546 | 435 | 437 | 476 | 449 | 480 | 507 | 446 | ${ }^{\text {¢ } 498}$ | 416 |
| ${ }^{1} 642$ | ${ }^{1} 697$ | 976 | 455 | 579 | 697 | 500 | 557 | 852 | 993 | 902 | 1,714 | 1,382 | 1,573 | ${ }^{1} 1,441$ | 839 |
| ${ }^{1}-277$ | ${ }^{1}-164$ | -490 | 35 | -130 | -164 | 79 | -83 | -362 | -435 | -355 | -1,113 | -703 | -929 | -752 | -281 |
| 108,595 | 109,585 | 96,774 | 104,673 | 107,467 | 109,585 | 103,892 | 105,018 | 103,300 | 102,186 | 105,580 | 104,052 | 105,843 | 105,977 | 103,543 | 107,485 |
| 187,518 | 189,652 | 164,559 | 187,996 | 190,848 | 189,652 | 173,523 | 182,699 | 173,389 | 170,795 | 201,731 | 180,687 | 179,459 | 177,392 | 167,689 | 178,290 |
| 140,376 | 139,364 | 124,088 | 139,931 | 143,159 | 139,364 | 131,271 | 136,570 | 130,202 | 129,353 | 150,310 | 134,190 | 134,522 | 134,792 | 128,721 | 136,481 |
| 5,235 | 5,487 | 4,488 | 5,391 | 5,238 | 5,487 | 5,722 | 5,533 | 4,439 | 4,863 | 5,482 | 5,510 | 5,309 | 4,932 | 4,693 | 5,522 |
| 2,148 | 1,767 | 1,874 | 3,014 | 1,064 | 1,767 | 1,213 | 2,580 | 2,095 | 3,477 | 1,134 | 2,031 | 3,221 | 995 | 1,610 | 1,154 |
| 21,896 | 23,613 | 17,939 | 22,492 | 23,374 | 23,613 | 19,964 | 20,790 | 18,668 | 17,587 | 25,867 | 20,667 | 20,103 | 20,049 | 17,960 | 19,740 |
| 362,502 | 406,773 | 401,322 | 403,346 | 400,640 | 406,773 | 416,773 | 415,929 | 415,145 | 409,948 | 411,392 | 414,174 | 415,834 | 419,022 | 417,907 | 422,720 |
| 76,971 | 110,640 | 79,876 | 85,214 | 85,764 | 110,640 | 147,742 | 159,156 | 164,469 | 166,832 | 174,817 | 173,545 | 175,021 | 172,771 | 172,470 | 173,299 |
| 250,511 | 258,127 | 281,554 | 278,990 | 276,282 | 258,127 | 233,046 | 221,957 | 216,971 | 211,054 | 207,808 | 212,468 | 214,414 | 218,694 | 218,041 | 222,971 |
| 470,988 | 505,603 | 499,214 | 503,444 | 503,395 | 505,603 | 507,196 | 507,802 | 503,066 | 499,741 | 505,058 | 506,066 | 508,984 | 510,467 | 510,582 | 521,573 |
| 195,499 | 216,860 | 217,148 | 216,754 | 216,892 | 216,860 | 218,565 | 218,288 | 216,608 | 214,650 | 214,426 | 213,330 | 215,445 | 214,063 | 213,350 | 216,818 |
| 10,756 | 11,223 | 10,495 | 12,207 | 11,627 | 11,223 | 9,758 | 11,151 | 10,811 | 10,010 | 12,084 | 12,764 | 11,940 | 12,603 | 11,496 | 13,172 |
| 26,729 | 26,926 | 27,036 | 27,312 | 27,017 | 26,926 | 26,361 | 26,561 | 26,581 | 25,301 | 26,005 | 25,383 | 25,687 | 25,241 | 25,512 | 25,236 |
| 124,444 | 132,336 | 131,702 | 131,706 | 131,954 | 132,336 | 133,935 | 134,163 | 134,568 | 134,009 | 134,358 | 134,860 | 135,703 | 137,078 | 138,140 | 139,432 |
| 146,367 | 155,314 | 148,459 | 154,587 | 152,179 | 155,314 | 155,643 | 157,475 | 147,288 | 151,140 | 159,109 | 155,512 | 160,976 | 159,524 | 158,118 | 168,064 |
| 116,905 | 125,863 | 116,464 | 122,277 | 122,219 | 125,863 | 131,837 | 131,316 | 129,975 | 135,147 | 137,979 | 136,946 | 135,743 | 135,821 | 136,281 | 140,391 |
| 36,819 | 44,586 | 37,798 | 42,270 | 44,152 | 44,586 | 48,816 | 49,391 | 49,098 | 50,996 | 54,352 | 53,742 | 51,445 | 51,400 | 52,103 | 56,307 |
| 30,872 | 36,730 | 30,695 | 33,043 | 34,740 | 36,730 | 38,677 | 40,047 | 40,587 | 41,118 | 43,885 | 43,425 | 41,612 | 43,016 | 43,807 | 47,193 |
| 80,086 | 81,277 | 78,666 | 80,007 | 78,067 | 81,277 | 83,021 | 81,925 | 80,877 | 84,151 | 83,627 | 83,204 | 84,298 | 84,421 | 84,178 | 84,084 |

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \multirow[t]{2}{*}{Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS} \& 1981 \& 1982 \& \multicolumn{4}{|c|}{1982} \& \multicolumn{10}{|c|}{1983} <br>
\hline \& \multicolumn{2}{|r|}{Annual} \& Sept. \& Oct. \& Nov \& Dec. \& Jan. \& Fe \& Mar \& Apr. \& May \& Jun \& July \& Aug. \& Sept. \& Oct. <br>
\hline \multicolumn{17}{|c|}{FINANCE_Continued} <br>
\hline \multicolumn{17}{|l|}{BANKING-Continu} <br>
\hline Total loans and securities $\bigcirc \ldots \ldots . . . . . . . . . . . . . . . . . . ~ b i l . ~ \$ . . ~$ \& \multirow[t]{3}{*}{$$
\begin{array}{r}
1,316.3 \\
111.0 \\
231.4 \\
973.9
\end{array}
$$} \& \multirow[t]{2}{*}{$$
\begin{array}{r}
1,412.0 \\
130.9 \\
239.2
\end{array}
$$} \& \multirow[t]{2}{*}{$$
\begin{array}{r}
1,389.4 \\
118.2 \\
237.6
\end{array}
$$} \& \multirow[t]{2}{*}{$$
\begin{array}{r}
1,397.5 \\
122.3 \\
237.2
\end{array}
$$} \& \multirow[t]{2}{*}{$$
\begin{array}{r}
1,398.5 \\
126.4 \\
235.8
\end{array}
$$} \& \multirow[t]{2}{*}{$$
\begin{array}{r}
1,412.0 \\
130.9 \\
239.2
\end{array}
$$} \& \multirow[t]{2}{*}{$$
\left.\begin{array}{r}
1,428.2 \\
139.8 \\
243.3
\end{array} \right\rvert\,
$$} \& \multirow[t]{2}{*}{$$
\begin{array}{r}
1,436.5 \\
144.5 \\
243.2
\end{array}
$$} \& \multirow[t]{2}{*}{$$
\begin{gathered}
1,450.1 \\
151.0 \\
242.8
\end{gathered}
$$} \& \multirow[t]{2}{*}{$$
\begin{array}{r}
1,460.6 \\
157.8 \\
243.4
\end{array}
$$} \& \multirow[t]{2}{*}{$$
\begin{array}{r}
1,474.4 \\
166.1
\end{array}
$$} \& \multirow[t]{2}{*}{$$
\begin{array}{r}
1,488.0 \\
171.2 \\
0
\end{array}
$$} \& \multirow[t]{2}{*}{1,499.9} \& \multirow[t]{2}{*}{1,513.2} \& \multirow[t]{2}{*}{1,520.3} \& <br>
\hline Other securities \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& ........... <br>
\hline  \& \& 1,042.0 \& 1,033.5 \& 1,038.1 \& 1,036.4 \& 1,042.0 \& 1,045.1 \& 1,048.8 \& 1,056.3 \& 1,059.5 \& 1,063.3 \& 1,070.6 \& 1,080.9 \& 1,091.0 \& 1,096.3 \& <br>
\hline \multicolumn{17}{|l|}{Money and interest rates:} <br>
\hline Discount rate (N.Y.F.R. Bank) @ @ ..........percent.. \& 13.41 \& 11.02 \& 10.00 \& 9.68 \& 9.35 \& 8.73 \& 8.50 \& 8.50 \& \multirow[t]{2}{*}{8.50
10.83} \& 8.50 \& 8.50 \& 8.50 \& 8.50 \& \multirow[t]{2}{*}{$$
\begin{array}{r}
8.50 \\
10.30
\end{array}
$$} \& \multirow[t]{2}{*}{$$
\begin{array}{r}
8.50 \\
10.42
\end{array}
$$} \& \multirow[t]{2}{*}{8.50

8
10.55} <br>
\hline Federal \& ${ }^{2} 14.20$ \& ${ }^{2} 13.56$ \& 13.21 \& 12.90 \& 12.48 \& 12.14 \& 11.58 \& 11.11 \& \& 10.51 \& 10.20 \& 10.14 \& 10.22 \& \& \& <br>

\hline \multirow[t]{3}{*}{| Home mortgage rates (conventional 1st mortgages) |
| :--- |
| New home purchase (U.S. avg.) ..............percent. |
| Existing home purchase (U.S. avg.). |} \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>


\hline \& \multirow[t]{2}{*}{| ${ }^{2} 14.13$ |
| :--- |
| ${ }^{1} 14.51$ |
| 1 |} \& \multirow[t]{2}{*}{\[

$$
\begin{aligned}
& { }^{2} 14.49 \\
& { }_{1}^{14.78}
\end{aligned}
$$
\]} \& \multirow[t]{2}{*}{14.34

14.71} \& \multirow[t]{2}{*}{13.86
14.37} \& \multirow[t]{2}{*}{13.26

13.74} \& \multirow[t]{2}{*}{| 13.09 |
| :--- |
| 13.44 |} \& \multirow[t]{2}{*}{13.00

13.04} \& \multirow[t]{2}{*}{12.62
12.88} \& \multirow[t]{2}{*}{12.97

12.61} \& \multirow[t]{2}{*}{$$
\begin{aligned}
& 12.02 \\
& 12.42
\end{aligned}
$$} \& \multirow[t]{2}{*}{\[

$$
\begin{aligned}
& 12.21 \\
& 12.36
\end{aligned}
$$

\]} \& \multirow[t]{2}{*}{\[

$$
\begin{aligned}
& 11.90 \\
& 12.21
\end{aligned}
$$

\]} \& \multirow[t]{2}{*}{${ }_{12.18}^{12.02}$} \& \[

$$
\begin{aligned}
& 12.01 \\
& 12.25
\end{aligned}
$$

\] \& \multirow[t]{2}{*}{\[

$$
\begin{aligned}
& { }^{\mathrm{r}} 12.08
\end{aligned}
$$
\]} \& \multirow[t]{2}{*}{11.80

12.19} <br>
\hline \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>

\hline \multirow[t]{3}{*}{| Open market rates, New York City: |
| :--- |
| Bankers' acceptances, 90 days Commercial paper, 6 -month $\ddagger$. $\qquad$ do. Finance co. paper placed directly, 6-mo @ do... |} \& \multirow[t]{2}{*}{415.32

3
314.76

3} \& \multirow[t]{2}{*}{\begin{tabular}{l}
${ }^{8} 11.89$ <br>
${ }^{1} 11.89$ <br>
<br>
<br>
\hline 1.89

} \& \multirow[b]{2}{*}{

10.40 <br>
10.86 <br>
\hline
\end{tabular}} \& \& \& \& \& \& \& \& \& \& \& \& \& <br>

\hline \& \& \& \& ${ }_{9}^{9.24}$ \& 8.76
8.72 \& 8.54
8.50 \& ${ }_{8}^{8.15}$ \& 8.36

8.39 \& | 8.54 |
| :--- |
| 8.48 | \& 8.49

8.48 \& 8.36
8.31 \& 9.04
9.03 \& 9.33
9.36 \& 9.59
9.68 \& 9.23
9.28 \& 9.01
8.98 <br>
\hline \& ${ }^{3} 13.73$ \& ${ }^{3} 11.20$ \& 9.63 \& 8.60 \& 8.42 \& 8.20 \& 7.97 \& 8.26 \& 8.35 \& 8.41 \& 8.15 \& 8.80 \& 9.10 \& ${ }_{9.42}^{9.48}$ \& ${ }_{9.09}^{9.28}$ \& 8.79 <br>
\hline Yield on U.S. Government securities (taxable): 3-month bills (rate on new issue) ........percent.. \& \multirow[t]{2}{*}{${ }^{3} 14.077$} \& \multirow[t]{2}{*}{${ }^{3} 10.686$} \& \multirow[t]{2}{*}{8.196} \& \multirow[t]{2}{*}{7.750} \& \multirow[t]{2}{*}{8.042} \& \multirow[t]{2}{*}{8.013} \& \multirow[t]{2}{*}{7.810} \& \multirow[t]{2}{*}{8.130} \& \multirow[t]{2}{*}{8.304} \& 8.252 \& \multirow[t]{2}{*}{8.185} \& \multirow[t]{2}{*}{8.820} \& \multirow[t]{2}{*}{9.120} \& \multirow[t]{2}{*}{9.390} \& \multirow[t]{2}{*}{9.050} \& \multirow[t]{3}{*}{8.71} <br>
\hline CONSUMER INSTALLMENT CREDIT \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Total extended and liquidated: Unadjusted: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Extended ..............................................................................

Liquidated ................................. \& \[
$$
\begin{aligned}
& 334,508 \\
& 316,291
\end{aligned}
$$

\] \& | 344,901 |
| :--- |
| 331,805 | \& \[

$$
\begin{gathered}
29,554 \\
27,056
\end{gathered}
$$

\] \& \[

$$
\begin{aligned}
& 27,929 \\
& 28,926
\end{aligned}
$$

\] \& \[

$$
\begin{aligned}
& 31,423 \\
& 29,522
\end{aligned}
$$

\] \& \[

$$
\begin{gathered}
34,567 \\
28,143
\end{gathered}
$$
\] \& \& \& \& \& \& \& \& \& \& <br>

\hline \multicolumn{17}{|l|}{} <br>
\hline \multicolumn{17}{|l|}{\multirow[t]{2}{*}{}} <br>
\hline Commercial banks \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Finance companies.............................. do.... \& ${ }^{\circ}$ \& \& 4,841
3
3 \& ${ }_{2}^{4,533}$ \& 6,099
3
3 \& 5,861 \& $\cdots$ \& $\stackrel{\text {............ }}{\sim}$ \& \& $\stackrel{\text {............ }}{ }$ \& \& \& $\ldots$ \& \& $\cdots$ \& \multirow[t]{2}{*}{} <br>
\hline Credit unions..................................... ${ }_{\text {do.... }}^{\text {deala }}$ \& $\cdots$ \& $\cdots$ \& 4,621 \& 4,457 \& 4,444 \& 3,446
4,429 \& $\cdots$ \& -........... \& $\cdots$ \& $\stackrel{\text { …........ }}{ }$ \& $\cdots$ \& $\cdots$ \& $\cdots$ \& $\cdots$ \& \multirow[t]{2}{*}{$\cdots$} \& <br>
\hline \multirow[t]{3}{*}{} \& \& \& \& \& \& \& \& \multirow[b]{2}{*}{$\cdots$} \& \multirow[b]{2}{*}{} \& \multirow[t]{2}{*}{} \& \multirow[t]{2}{*}{} \& \& \& \& \& <br>

\hline \& \multirow[t]{2}{*}{} \& \multirow[t]{2}{*}{….............} \& \multirow[t]{2}{*}{$$
\begin{array}{r}
7,488 \\
12,705 \\
\hline
\end{array}
$$} \& \multirow[t]{2}{*}{\[

\left.$$
\begin{array}{r}
8,041 \\
12,614 \\
514
\end{array}
$$ \right\rvert\,

\]} \& \multirow[t]{2}{*}{\[

$$
\begin{aligned}
& 10,177 \\
& 12,778 \\
& 186
\end{aligned}
$$

\]} \& \multirow[t]{2}{*}{\[

$$
\begin{array}{r}
9,716 \\
12,491 \\
172
\end{array}
$$
\]} \& \& \& \& \& \& \multirow[t]{2}{*}{$\cdots$} \& \multirow[t]{2}{*}{$\stackrel{1}{2}$.} \& \multirow[t]{2}{*}{$\cdots$} \& \multirow[t]{2}{*}{……........} \& \multirow[t]{3}{*}{} <br>

\hline \& \& \& \& \& \& \& $\cdots$ \& ........... \& ............ \& \& \& \& \& \& \& <br>
\hline Liquidated, total \# ............................... do... \& \multirow[b]{2}{*}{.............} \& \multirow[t]{2}{*}{....} \& \multirow[t]{2}{*}{27,363} \& \multirow[t]{2}{*}{28,781} \& \multirow[t]{2}{*}{29,676} \& \multirow[t]{2}{*}{28,359} \& \multirow[t]{2}{*}{-...........} \& \multirow[b]{2}{*}{...........} \& \multirow[t]{2}{*}{$\cdots$} \& \multirow[b]{2}{*}{............} \& \multirow[b]{2}{*}{$\ldots$} \& \multirow[b]{2}{*}{.................} \& \multirow{3}{*}{} \& \multirow[b]{2}{*}{............} \& \multirow[b]{2}{*}{$\cdots$} \& <br>
\hline By major holder: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \multirow[t]{4}{*}{} <br>
\hline Commercial banks ............................. do.... \& $\cdots$ \& \& 12,531 \& 13,681 \& 14,349 \& 13,125 \& \& ............ \& \& \& \& \& \& $\ldots$ \& \& <br>
\hline Finance companies............................ do... \& \& \& 4,735
8

2,792 \& ${ }_{2,925}^{4,905}$ \& | 5,048 |
| :--- |
| 3 |
| 1022 | \& - \& \& \& \& \& \& \& \& \& \& <br>

\hline Retailers............................................ do... \& \& \& 4,552 \& 4,524 \& 4,495 \& 4,537 \& \& \& \& \& \& \& \& $\ldots$ \& $\cdots$ \& <br>
\hline By major credit type: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Automobile $\qquad$ do. \& \& \& 12,394 \& 8,111
12,533 \& 8,643
12,739 \& -8,225 \& .......... \& \& \& \& \& .... \& \& \& \& <br>
\hline Mobile home ..................................... do.... \& $\cdots$ \& \& 47 \& 578 \& 463 \& 510 \& \& \& \& \& \& \& \& \& \& <br>
\hline Total outstanding, end of year or month
By major holder: \& 331,697 \& 44,798 \& 337,469 \& 336,473 \& 338,372 \& 344,798 \& 343,151 \& 340,343 \& 342,568 \& 344,748 \& 347,189 \& 353,012 \& 358,020 \& 363,662 \& 367,604 \& <br>

\hline | y major holder: |
| :--- |
| Commercial banks $\qquad$ do | \& 147,622 \& 152,069 \& 149,801 \& \& \& \& \& \& \& \& \& \& \& \& \& <br>

\hline Finance companies ...................................... do.... \& 89,818 \& ${ }^{154,322}$ \& ${ }_{93,357}$ \& ${ }_{92,541}$ \& 143,462 \& -94,322 \& ${ }_{95,080}$ \& 93,859 \& ${ }_{94,817}$ \& 94,675 \& 95,364 \& 96,349 \& 97,319 \& ${ }^{97,708}$ \& ${ }_{97,274}$ \& $\ldots$ <br>
\hline  \& ${ }_{29,551}^{45,954}$ \& 47,253
30,202 \& ${ }_{26,829}^{46,846}$ \& 26,645
27,046 \& $\xrightarrow{47,639}$ \& 47,253
30,202 \& [48,859 \& 26,757
2734 \& 27,081 \& ${ }_{27,455}^{47,55}$ \& ${ }_{27,541}^{4788}$ \& 48,652
27,804 \& - 47,139 \& ${ }_{28,067}^{50,121}$ \& 51,123
28,319 \& <br>
\hline By major credit type: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Automobile ............................................. do... \& 125,331 \& 130,227 \& 128,865 \& 128,375 \& 129,299 \& 130,227 \& 129,482 \& 129,055 \& 130,959 \& 131,976 \& 133,640 \& 136,183 \& 138,689 \& 141,677 \& 142,477 \& <br>
\hline  \& 62,819
18,373 \& 67,184
18,988 \& 61,845
19,011 \& 61,836
19,043 \& ${ }_{1}^{62,362} 1$ \& 67,184 \& ${ }_{19,291}^{65,562}$ \& 63,372
19,374 \& 63,091

19,379 \& | 63,521 |
| :--- |
| 19,400 | \& 63,459

19,448 \& 64,899
19,647 \& 65,856
19,750 \& 19,882 \& 67,904
20,087 \& <br>
\hline FEDERAL GOVERNMENT FINANCE \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Budget receipts and outlays: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline  \& 1599,272
1657,204

1 \& | 1617,766 |
| :--- |
| 1728,424 | \& 59,694

61,403 \& 40,539
66,708 \& 42,007 \& 54,498 \& 57,505
67.087 \& 38,816 \& 43,504
69540 \& 66,234 \& 33,755
63.040 \& 66,517 \& 43,948
65,360 \& 49,683
671160 \& 63,556
61,610 \& <br>
\hline  \& ${ }^{\text {- } 57,932}$ \& --110,658 \& -1,708 \& -26,169 \& -24,158 \& -17,938 \& -9,582 \& ${ }_{-25,336}$ \& $-26,036$ \& -3,308 \& -29,285 \& 3,401 \& -21,412 \& -17,477 \& ${ }^{6} 1,946$ \& <br>
\hline Budget financing, total................................. do... \& \& ${ }^{\text {s } 127,989 ~}$ \& ${ }^{\text {r }}$ 4,574 \& 26,462 \& 24,845 \& 18,103 \& 9,916 \& 25,341 \& \& \& \& -1,382 \& 22,705 \& 18,744 \& 756 \& <br>
\hline Borrowing from the public ......................... do.... \& ${ }^{179,329}$ \& ${ }^{1} 134,912$ \& -2, 2128 \& 6,228 \& 25,923 \& 29,895 \& 6,419 \& 17,919 \& 31,303 \& 2,681 \& 18,497 \& 25,719 \& 11,877 \& 20,522 \& 15,442 \& <br>
\hline Reduction in cash balances .......................... do... \& 1-21,397 \& ${ }^{1} \cdot 6,923$ \& -17,554 \& 20,234 \& -1,078 \& -11,792 \& 3,497 \& 7,422 \& -4,007 \& 1,766 \& 11,979 \& -27,101 \& 10,828 \& -1,778 \& -14,686 \& <br>
\hline Gross amount of debt outstanding .................... do \& '1,003,941 \& ${ }^{1} 1,146,987$ \& 1,146,987 \& 1,147,713 \& 1,166,569 \& 1,201,898 \& 1,205,899 \& 1,220,132 \& 1,249,312 \& 1,252,706 \& 1,296,125 \& 1,324,318 \& 1,331,595 \& 1,353,072 \& 1,381,886 \& <br>
\hline Held by the public.................................... do \& '794,434 \& 1929,346 \& 929,346 \& 935,574 \& 961,497 \& 991,392 \& 997,811 \& 1,015,730 \& 1,047,033 \& 1,049,714 \& 1,068,211 \& 1,093,930 \& 1,105,806 \& 1,126,328 \& 1,141,770 \& <br>
\hline Budget receipts by source and outlays by agenc \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Receipts (net), total................................ mil. . ... \& 1599,272
128517

181 \& 1-617,766 \& 59,694 \& 40,539 \& 42,007 \& | 54,498 |
| :--- |
| 24946 |
| 8 | \& ${ }_{34,151}^{57,5}$ \& ${ }_{20,544}^{38,816}$ \& 43,504 \& 66,234 \& 33,755 \& 66,517 \& 43,948 \& 49,683 \& 63,556 \& <br>

\hline  \& | + |
| :---: |
| 161,137 |
| 185917 | \& $\begin{array}{r}1298,111 \\ \hline 19207\end{array}$ \& ${ }_{\mathbf{3 2 , 1 4 6}}$ \& 20,832 \& 22,680 \& 24,946 \& 34,154 \& -20,54 \& -15,673 \& 35,040

4,796 \& - 6 \& | 32,73 |
| :---: |
| 9,955 | \& 856 \& 23,259

38 \& $$
\begin{array}{r}
30,961 \\
9,048
\end{array}
$$ \& <br>

\hline Social insurance taxes and contributions \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline  \& 182,720
169,499 \& $\begin{array}{r}\text { '201,131 } \\ { }_{169} \mathbf{3 1 7} \\ \\ \hline\end{array}$ \&  \& 15,157

5,010 \& $$
\left.\begin{gathered}
14,902 \\
5,332
\end{gathered} \right\rvert\,
$$ \& \[

$$
\begin{array}{r}
15,776 \\
5,613
\end{array}
$$

\] \& \[

$$
\begin{array}{r}
17,071 \\
5,119
\end{array}
$$

\] \& \[

$$
\begin{gathered}
13,797 \\
1748
\end{gathered}
$$

\] \& \[

$$
\begin{array}{r}
17,939 \\
5,533
\end{array}
$$

\] \& \[

21,481

\] \& \[

\left.$$
\begin{array}{r}
22,330 \\
5,344
\end{array}
$$ \right\rvert\,
\] \& $\underset{5}{17,886}$ \& $\underset{5}{15,316}$ \& 20,089

595 \& 17,240 \& <br>
\hline Outlays, total \#...................................... do.... \& 1657,204 \& \& \& \& 66,166 \& 72,436 \& 67,087 \& 64,152 \& 69,540 \& 69,542 \& 63,040 \& \& \& \& \& <br>
\hline Agriculture Department............................. do.... \& '26,030 \& ${ }^{136,213}$ \& 3,026 \& 4,107 \& 5,374 \& 7,499 \& 5,836 \& 3,847 \& 3,084 \& 4,626 \& 2,503 \& 2,787 \& 2,429 \& 1644 \& ${ }_{2} 1,637$ \& <br>
\hline Defense Department, military .................. do... \& ${ }^{1} 156,035$ \& ${ }^{1} 182,850$ \& r16,446 \& 15,896 \& 16,461 \& 17,615 \& 15,901 \& 16,199 \& 18,453 \& 17,115 \& 16,888 \& 17,908 \& 16,936 \& 18,133 \& 17,508 \& <br>
\hline Health and Human Services \& ${ }^{1230,304}$ \& \& \& \& \& \& 22.197 \& 22,220 \& 23,405 \& \& \& \& \& \& \& <br>
\hline Treasury Department............................. do... \& - 92,633 \& ${ }^{1110,521}$ \& ${ }^{2} 7,180$ \& 9,149 \& 9,076 \& 14,327 \& 9,248 \& 9,512 \& 8,014 \& 8,113 \& 9,679 \& 13,944 \& 8,969 \& 10,014 \& 22,743 \& <br>
\hline National Aeronautics and Space Adm ........ do.... \& 15,421 \& ${ }^{12} 6,026$ \& 467 \& 482 \& 632 \& 524 \& 468 \& 494 \& 672 \& 487 \& 603 \& 571 \& 583 \& 601 \& 539 \& <br>
\hline Veterans Administration .......................... do... \& ${ }^{1} 22,904$ \& ${ }^{1} 23,937$ \& 1,924 \& 1,942 \& 2,066 \& 3,200 \& 834 \& 2,061 \& 2,286 \& 3,354 \& 878 \& 1,900 \& 2,021 \& 2,254 \& 2,008 \& <br>
\hline Gold. GOLD AND SILVER: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Gold:
Monetary stock, U.S. (end of period) ....... mil. \$.. \& \& \& \& \& \& \& \& \& \& \& 11,132 \& 11,131 \& 11,131 \& 11,128 \& \& <br>
\hline Price at New York $\ddagger$ $\qquad$ dol. per troy oz.. \& 459.614 \& 376.010 \& 435.564 \& 421.755 \& 414,993 \& 445.431 \& 479.893 \& 490.408 \& 419.696 \& 432.188 \& 437.555 \& 412.841 \& 423.053 \& 416.248 \& 411.455 \& 393.208 <br>

\hline | Silver: |
| :--- |
| Price at New York $\ddagger$ $\qquad$ dol. per troy oz.. | \& 10.518 \& 7.947 \& 8.725 \& 9.458 \& 9.892 \& 10.586 \& 12.396 \& 13.964 \& 10.619 \& 11.694 \& 12.976 \& 11.749 \& 12.088 \& 12.096 \& 11.915 \& 9.841 <br>

\hline
\end{tabular}

[^12]

| Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS | 1981 | 1982 | 1982 |  |  |  | 1983 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Annual |  | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. |

FINANCE-Continued

| Bonds-Con |  |  |  |  |  |  |  |  |  |  | 12.30 | 12.54 | 12.73 | 13.01 | 12.91 | 12.79 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Yields: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Domestic corporate (Moody's) $\qquad$ percent. By rating: | 15.06 | 14.94 | 14.34 | 13.54 | 13.08 | 13.02 | 12.90 | 13.02 | 12.72 | 2.44 |  |  |  |  |  |  |
| Aaa $\qquad$ do... | 14.17 | 13.79 | 12.94 | 12.12 | 11.68 | 11.83 | 11.79 | 12.01 | 11.73 | 11.51 | 11.45 | 11.74 | 12.15 | 12.51 | 12.37 | 12.25 |
|  | 14.75 <br> 15.99 <br> 1.9 | ${ }^{14.41}$ | 13.72 | 12.97 | ${ }_{1281}^{12.51}$ | 12.44 |  | ${ }^{12.58}$ | ${ }_{132}^{123}$ | ${ }_{12.26}^{12.06}$ | 11.95 | 12.15 | 12.39 | ${ }_{12}^{12.72}$ | 12.62 | 12.49 |
|  | 16.04 | 16.11 | ${ }_{15.63}$ | 14.73 | 14.30 | 14.14 | ${ }_{13.94}$ | ${ }_{13.95}^{13.52}$ | ${ }_{13.61}$ | 13.29 | 13.99 | ${ }_{13.37}$ | 13.39 | 13.64 | 13.55 | ${ }_{13.46}^{12.97}$ |
| By group: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Industrials ........................................ d | 14.5 | 14.54 | 14.11 | 13.19 | 12.57 | 12.48 | 12.34 | 12.43 | 12.12 | 11.84 | 11.59 | 11.90 | 12.18 | 12.52 | 12.46 | 12.39 |
| Public utilities........................................ do | 15.62 | 15.33 | 14.56 | 13.88 | 13.58 | 13.55 | 13.46 | 13.60 | 13.31 | 13.03 | 13.00 | ${ }_{13.17}$ | 13.28 | ${ }_{13.50}$ | ${ }_{13.35}$ | 13.19 |
| Railroads ........................................... do | 13.22 | 13.68 | 13.69 | 13.08 | 12.74 | 12.60 | 12.27 | 12.13 | 12.11 | 11.90 | 11.62 | 11.78 | 12.07 | 12.13 | 12.04 | 12.08 |
| Domestic municipal |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Bond Buyer (20 bonds) | 11 | 11.56 | 10 | 10.05 | 23 | 9.56 | 9.74 | 9.04 | 9.38 | 8.82 | 9.78 | 9.36 | 9.60 | 9.75 | 9.46 | 9.79 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Stocks | 12.87 | 12.23 | 11.48 | 10.51 | 10.18 | 10.33 | 10.37 | 10.60 | 10.34 | 10.19 | 10.21 | 10.64 | 11.10 | 11.42 | 11.26 | 11.21 |
| Prices: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 364.61 | 345.40 | 356.89 | 383.92 | 401.57 | 404.83 | 417.61 | 428.91 | 447.11 | 458.20 |  |  |  |  | 491.30 | 500.44 |
| Dow-Jones averages ( 65 stocks) <br> Industrial ( 30 stocks) <br> Prabic utility ( 15 stocks) <br> Transportation (20 stocks) | 932.92 | 884.36 | 917.27 | 988.71 | 1,027.76 | 1,033.08 | 1,064. | 1,087.43 | 1,129.58 | 1.1688.43 | 1,212.86 | 1,221.47 | 1,213.93 | 1,189.21 | 1,237.04 | 1,252.20 |
|  | 108.58 | 111.95 | 116.18 | 119.97 | 119.34 | 117.83 | 123.83 | 124.32 | 126.88 | 126.08 | 129.21 | 128.73 | 130.40 | ${ }^{129.60}$ | 132.47 | ${ }^{138.35}$ |
|  | 398.56 | 359.81 | 368.32 | 402.70 | 436.43 | 446.37 | 457.74 | 479.72 | 507.66 | 518.15 | 542.75 | 571.73 | 572.84 | 536.83 | 571.17 | 582.28 |
| Standard \& Poor's Corporation: § |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sombined index ( 500 Stockks). | 128.04 | 119.7 | 122.43 | 132.66 | 138.10 | 139.37 | 144.27 | 146.80 | 151.88 | 157.71 | 164.10 | 166.39 | 166.96 | 162.42 | 167.16 | 167.65 |
|  | 144.24 <br> 139.03 | 133.57 11998 | 1197.61 | ${ }_{131.64}^{148}$ | 153.90 1393 | 156.02 | 162.02 15103 | 165.15 | 170.33 15904 | ${ }_{1638}^{176.78}$ | 184.10 | 187.42 17789 | 188.32 | 178.16 |  |  |
| Industrial, total ( 400 Stocks) \# .............. do | . 67 | 109.37 | 115.51 | 126.43 | 133.27 | 134.75 | 133.08 | 133.89 | 144.43 | 149.93 | 154.90 | 156.13 | 157.69 | 150.32 | 155.43 | 160.20 |
|  | 51.87 | 54.78 | 56.48 | 9.41 |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 21.26 93.09 | ${ }_{74.82}$ | 20.27 77.20 | 2.19 86.27 | 23.52 88.27 | $\begin{aligned} & 23.84 \\ & 85.83 \end{aligned}$ | $\begin{aligned} & 21.93 \\ & 90.96 \\ & 90.26 \end{aligned}$ | $\begin{aligned} & \mathbf{0 1 5 . 5 2} \\ & 91.73 \\ & 9 \end{aligned}$ | $\begin{aligned} & 06.48 \\ & 9545 \end{aligned}$ | $\begin{array}{r} 27.30 \\ 100.90 \end{array}$ | $\begin{gathered} 04.08 \\ 109.03 \\ 109 \end{gathered}$ | 29.73 110.91 | 29.96 113.04 | ${ }_{112.03}^{28.62}$ | $\begin{array}{r} 30.99 \\ 121.86 \end{array}$ | $\begin{array}{r} \mathbf{3 1 . 0 9} \\ \mathbf{3 1 2 0} \\ \mathbf{1 2 0 . 3 7} \end{array}$ |
| Financial ( 40 Stocks)NewYorkCit................ $1970=10$. Banks outside N.Y.C. (10 Stocks)......... do... Property-Casualty Insurance ( 5 Stocks) do | 14.44 | 14.30 | 13.72 | 15.97 | 17.46 | 16.90 | 16.51 | 16.75 | 18.60 | 20.00 | 20.56 | 20.15 |  | 18.75 |  |  |
|  | 52.45 | 54.76 | 50.50 | 64.21 | 68.70 | 65.60 | 63.91 | 64.58 | 70.91 | 78.18 | 79.16 | 73.22 | 69.77 | 68.75 | 68.4 | ${ }^{183.28}$ |
|  | 117.82 |  | 86.7 | 106.48 | 114.55 | 103.62 | 101.22 | 100.25 | 107.22 | 115.35 | 122.92 | 121.77 | 120.07 | 119.44 | 118.31 | ${ }^{111.76}$ |
|  | 141.29 | 143.01 | 134.47 | 156.02 | 166.54 | 168.28 | 162.01 | 163.13 | 186.26 | 190.90 | 188.29 | 186.32 | 181.67 | 175.69 | 186.65 | 185.44 |
| New York Stock Exchange common stock indexes |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 74.02 | ${ }^{68.93}$ | 70.21 | 76.10 | 79.75 | 80.30 | 83.25 | 84.74 | 87.50 | 90.61 | 94.61 | 96.43 | 96.74 | 93.96 | 96.70 | 96.78 |
|  | 85.44 | 78.18 |  | 86.67 | 90.76 | 92.00 | ${ }^{95.37}$ | 97.26 | 100.61 | 104.46 | 109.43 | 112.52 | 113.21 | 109.50 | 112.76 | 112.87 |
| Transportation ..................................... do.... | 72.61 38.91 | ${ }^{60.41}$ | 61.39 4036 | 66.64 42.67 | 71.92 4346 | 73.40 4293 | 75.65 4595 | 79.44 <br> 45 | 833.28 | ${ }^{85.26}$ | ${ }_{47}^{89.07}$ | ${ }_{46} 92.22$ | ${ }_{4}^{92.91}$ | ${ }_{88}^{88.06}$ | ${ }^{94.56}$ | ${ }^{95.41}$ |
| Utility ${ }^{\text {and......... }}$ | ${ }_{73.52}$ | 71.99 | 69.66 | 80.59 | 88.66 | 86.22 | 85.66 | 86.57 | ${ }_{93.22}$ | 99.07 | 102.45 | ${ }_{101.22}$ | ${ }_{99.60}$ | +95.76 | ${ }_{97.00}$ | 48.73 94.79 |
| Yields (Standard \& Poor's Corp.): |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Composite ( 500 stocks) $\qquad$ percent. | 5.20 | 5.81 | 5.63 | 5.12 | 4.92 | 4.93 | 4.79 | 4.74 | 4.59 | 4.44 | 4.27 | 4.26 | 4.21 | 4.35 | 4.24 |  |
|  | ${ }^{4.90}$ | 5.48 1039 108 | 5.26 | ${ }_{9}^{4.78}$ |  | ${ }_{9}^{4.59}$ |  |  | ${ }_{9}^{4.26}$ | ${ }_{9}^{4.12}$ | ${ }_{9}^{3.96}$ | ${ }_{9}^{3.93}$ | ${ }_{9}^{3.88}$ | 4.01 | 3.91 |  |
| Utilities (40 stocks) ...................................... do...... | 10.15 | 10.39 | 10.22 | ${ }^{9} 73$ | \% 9.62 | ${ }_{3.88}$ | ${ }_{3} 9.48$ | ${ }^{9} 9.60$ | 9.52 | 9.40 | 9.12 | 9.30 | 9.15 | 9.20 | 9.11 |  |
|  | 3.40 | 4.32 | 4.17 | 3.75 5.22 | 3.53 4.84 | 3.46 <br> 5.08 | 3.24 5.27 | 3.19 5 5 | 3.04 4.75 | 2.98 4.45 | ${ }_{4.33}^{2.81}$ | 2.83 | 2.77 | 2.88 | 2.65 |  |
|  | 5.41 | 5.92 | 6.12 |  |  |  |  |  |  |  | 4.3 | 4.47 | 4.6 | 4.7 | 4.7 |  |
| Preferred stocks, 10 high-grade .................... do.... | . 36 | 12.53 | 12.41 | 1.71 | 11.18 | 11.2 | 1.2 | 1.1 | 10.86 | 10.80 | 10.6 | 10.81 | 11.06 | 1.07 | 11.06 | 0.97 |
| Sales: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total on all registered exchanges (SEC): |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Market value <br> Shares sold $\qquad$ $\qquad$ mil. $\$$. millions.. | $\begin{array}{r} 490,688 \\ 15,910 \end{array}$ | 596,670 22,414 | $\left.\begin{array}{r} 61,374 \\ 2,301 \end{array} \right\rvert\,$ | $\begin{array}{r} 79,303 \\ 2,852 \end{array}$ | $\left.\begin{array}{r} 75,002 \\ 2,642 \end{array}\right\}$ | $\begin{array}{r} 73,704 \\ 2,547 \end{array}$ | $\left.\begin{array}{r} 69,588 \\ 2,402 \end{array}\right\}$ | $\left.\begin{array}{r} 65,657 \\ 2,189 \end{array} \right\rvert\,$ | $\begin{array}{r} 81,315 \\ 2,681 \end{array}$ | $\begin{array}{r} \mathbf{r} 5,498 \\ \mathbf{2 , 4 3 1} \end{array}$ | $\begin{array}{r} 88,346 \\ 2,825 \end{array}$ | $\left.\begin{array}{r} 93,847 \\ 2,857 \end{array} \right\rvert\,$ | $\left.\begin{array}{r} 76,494 \\ 2,319 \end{array} \right\rvert\,$ | $\begin{array}{r} 79,553 \\ 2,633 \end{array}$ |  | ....... |
| On New York Stock Exchange:Market value |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | ${ }_{4}^{415,913}$ | 514,263 | 52,551 | 67,157 | 63,927 | 61,542 | 59,712 | 55,909 | 70,121 |  |  |  |  | 68,306 |  |  |
| Shares sold (cleared or settled)................................ions. | 12,843 | 18,211 | 1,890 | 2,292 | 2,129 | 1,992 | 1,920 | 1,756 | 2,183 | 1,930 | 2,246 | 2,264 | 1,837 | 2,191 |  |  |
| (sates effected) - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 11,85 | 16,4 | 1,548 | 2,069 | 1,85 | 1,68 | 1,858 | 1,615 | 1,90 | 1,79 | 1,95 | 1,97 | 1,58 | 1,70 | 1,74 | 1,794 |
| Shares listed, N.Y. Stock Exchange, end of period: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Market value, all listed shares ................... bil. s... Number of shares listed................ millions. | $\begin{array}{r} 1,143.79 \\ 38,298 \end{array}$ | $\begin{array}{r} 1,305.36 \\ 39,516 \end{array}$ | $\begin{array}{r} 1,120.26 \\ 39,177 \end{array}$ | $\begin{gathered} 1,244.38 \\ 39,262 \end{gathered}$ | $\|, 291.94\|$ | $\begin{array}{r} 1,305.36 \\ 39,516 \end{array}$ | $\begin{array}{r} 1,349.19 \\ 39,688 \end{array}$ | $\left\|\begin{array}{l} 1,385.49 \\ 40,298 \end{array}\right\|$ | $\begin{aligned} & 1,431.63 \\ & 40,468 \end{aligned}$ | $\left.\begin{array}{r} 1,545.81 \\ 41,090 \end{array} \right\rvert\,$ | $\begin{array}{r} 1,547.13 \\ 41,508 \end{array}$ | 1,604.022 | $\left.\begin{array}{\|l\|} 1,562.40 \\ 43,382 \end{array} \right\rvert\,$ | 1,571.38 | 1,591.43 | ${ }^{1,563.58} 44.276$ |
|  |  |  |  |  |  |  |  |  | 40,468 | 41,990 |  | 42,321 |  | 43,763 | 43,888 | 44,276 |

FOREIGN TRADE OF THE UNITED STATES


| ${ }^{1} 233,739.0$ | 212,274.6 |
| :---: | :---: |
| ${ }^{1} 233,677.0$ | 212,193.1 |
| ${ }^{1} 11,097.4$ | 10,271.1 |
| ${ }^{1} 63,848.7$ | 64,822.2 |
| ${ }^{16,435.8}$ | 5,699.7 |
| ${ }^{1} 69,714.7$ | 63,664.2 |
| 139,565.8 | 33,723.6 |
| '24,368.7 | 18,332.1 |
| ${ }^{1} 17,732.1$ | 15,256.5 |
| ${ }^{1} 2,159.4$ | 2,875.4 |
| ${ }^{12} 2,911.7$ | 2,368.2 |
| ${ }^{15,297.5}$ | 4,600.7 |
| 121,823.0 | 20,966.1 |


|  |  |  |  |  |  |  |  |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $16,716.7$ | $17,274.5$ | $15,695.0$ | $16,723.9$ | $16,204.9$ | $15,540.5$ | $18,329.9$ | $16,712.0$ |
| $16,712.6$ | $17,267.0$ | $15,689.2$ | $16,716.4$ | $16,200.6$ | $15,531.5$ | $18,327.5$ | $16,707.5$ |
| $17,320.3$ | $16,671.4$ | $15,851.9$ | $16,346.6$ | $17,393.0$ | $16,325.8$ | $16,751.6$ | $16,073.8$ |
| 720.1 | 915.0 | 601.3 | 892.9 | 651.0 | 779.6 | 879.7 | 793.6 |
| $4,947.1$ | $5,372.4$ | $5,109.7$ | $5,746.2$ | $5,043.2$ | $4,862.8$ | $5,521.8$ | $5,264.5$ |
| 445.8 | 433.6 | 362.7 | 360.5 | 386.2 | 311.2 | 381.7 | 376.5 |
| $4,857.0$ | $4,930.1$ | $4,892.6$ | $5,095.6$ | $5,340.1$ | $4,939.3$ | $5,927.2$ | $5,066.5$ |
| $2,838.1$ | $3,089.2$ | $2,512.5$ | $2,378.3$ | $2,671.7$ | $2,675.7$ | $3,556.0$ | $3,223.2$ |
| $1,573.0$ | $1,224.7$ | $1,043.4$ | $1,161.1$ | $1,111.1$ | $1,134.2$ | $1,272.4$ | $1,164.2$ |
| $1,278.5$ | $1,235.6$ | $1,125.3$ | $1,070.1$ | $1,001.5$ | 837.7 | 791.0 | 783.1 |
|  |  |  |  |  |  |  |  |
| 191.4 | 280.0 | 145.4 | 264.0 | 250.2 | 249.1 | 281.2 | 268.5 |
| 174.7 | 162.3 | 133.4 | 146.2 | 126.5 | 134.9 | 167.4 | 240.0 |
| 380.4 | 337.0 | 307.7 | 280.6 | 315.9 | 259.4 | 329.6 | 327.3 |
| $1,568.4$ | $1,804.1$ | $1,814.6$ | $1,803.1$ | $1,601.0$ | $1,423.6$ | $1,781.1$ | $1,752.6$ |

 $16,234.6$
$16,228.5$
$15,566.4$

683.3
$4,801.1$
350.7
$4,902.5$
$3,440.9$
$1,308.4$
714.8

192.0
243.1
287.4
$1,546.7$


[^13]| Unless otherwiee stated in footnotes below, data through 1978 and deacriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS | 1981 | 1982 | 1982 |  |  |  | 1983 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Annual |  | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. |

## FOREIGN TRADE OF THE UNITED STATES-Continued

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \begin{tabular}{l}
VALUE OF EXPORTS-Continued \\
Exports (mdse.), incl. reexports-Continued
\end{tabular} \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline Europe: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline France..........................................il. .. \& \({ }^{2} 7,340.5\) \& 7,110.4 \& 572.1 \& 666.1 \& 515.4 \& 561.0 \& 546.8 \& 563.6 \& 686.9 \& 524.2 \& 502.3 \& 483.7 \& 412.4 \& 395.9 \& \& \\
\hline \begin{tabular}{l}
German Democratic Republic (formerly \\
E. Germany) \(\qquad\) mil. \(\$\).
\end{tabular} \& '295.7 \& 222.8 \& 1.9 \& 16.9 \& 0.1 \& 14.1 \& 6 \& 5.5 \& 2 \& 25.2 \& . 2 \& 4.3 \& 1.3 \& 0.6 \& \& \\
\hline \begin{tabular}{l}
Federal Republic of Germany (formerly \\
W. Germany).................................. mil. 5.
\end{tabular} \& 10,276.7 \& 9,291.3 \& 654.9 \& 678.6 \& 755.9 \& 802.4 \& 732.1 \& 662.9 \& 790.0 \& 768.2 \& 743.9 \& 699.8 \& 745.2 \& 698.6 \& \& \\
\hline Italy. \& 15,360.0 \& \& 349.4 \& 386.5 \& \& 368.6 \& 79 \& 387.5 \& 386 \& 353.2 \& 369.4 \&  \& 264 \& 273.7 \& \& \\
\hline Union of Soviet Socialist Republics. \& - \(\begin{array}{r}12,431.3 \\ 12\end{array}\) \& 2, \& 7.1 \& 0.0 \& 160.6
883 \& 147.7 \& 266.4 \& 219.9 \& 179.3 \& 219.5 \& 42.9 \& 88.7 \& 4, \& 66.2 \& \& \\
\hline \& \& \& 93.6 \& \& \& 92.5 \& \& \& \& \& \& \& 73.2 \& \& \& \\
\hline \begin{tabular}{l}
North and South America: \\
Canada
\end{tabular} \& '39,564.3 \& 33,7 \& 2,837.9 \& 3,089 \& 2,612 \& 2,37 \& 2,671.6 \& 2,675.5 \& 3,565.8 \& 3,223.2 \& 3,440.8 \& 3,329.3 \& 2,634.5 \& 3,031.9 \& \& \\
\hline American republics, total \# \& 138 \& 30, \& 2,562.2 \& 2,11 \& 1,8 \& 1,956.2 \& 1,861 \& 1,75 \& 1,776.7 \& 1,705.7 \& 1,785.6 \& 2,040.6 \& 1,976.6 \& 1,932.4 \& \& \\
\hline Brazil .......................... \& 13 \& 3,422 \& 3068 \& \& 7 \& 214.8 \& 194.8 \& 195.5 \& 185.4 \& 198.8 \& 183.9 \& \& 294.2 \& 179.2 \& \& \\
\hline Mexico \& \({ }^{1} 17,7888.7\) \& 11.816 .9 \& 1,042.6 \& 633.2 \& 504.9 \& 640.0 \& 626.6 \& 712.3 \& 746.7 \& 681.2 \& 825.9 \& 802.3 \& 761.7 \& 881.2 \& \& \\
\hline Venezuela \& 15,444.9 \& 5,206.2 \& 402.5 \& 449.2 \& 402.6 \& 392.8 \& 390.0 \& 285.3 \& 199.5 \& 134.8 \& 160.9 \& 227.8 \& 222.0 \& 174.0 \& \& \\
\hline Exports of U.S. merchandise, \& \({ }^{2} 228\), \& 207,157.6 \& 15,980.7 \& 16,886.7 \& 15,319.1 \& 16,290 \& 15,818.8 \& 15,198.8 \& 17,913.0 \& 16,360.7 \& 15,854.5 \& 17,201.1 \& 15,566.9 \& 15,252.0 \& \& \\
\hline Excluding military grant-aid \& \({ }^{1228,}\) \& 207,076 \& 15,976.6 \& 16,878 \& 15,313.3 \& \& 15,814.4 \& 15,189 \& 17,910.6 \& 16,356.2 \& 15,848 \& 17,198,6 \& 15,565.9 \& 15,250.9 \& \& \\
\hline \begin{tabular}{l}
Agricultural producta, total \\
Nonagricultural products, total
\(\qquad\)
\(\qquad\) do. do.
\end{tabular} \& \(143,338.5\)
\(185,622.6\) \& -36,622.6 \& 2,388.1 \& 288799.4 \& 3,049.7 \& \(2,887.5\)
\(13,402.5\) \& \(3,115.2\)
\(12,703.6\) \& \(3,018.0\)
\(12,180.8\) \& 3,188.1 \& \begin{tabular}{|l}
\(2,981.1\) \\
\(13,379.6\)
\end{tabular} \& 2,679.9 \& 2,789.0 \& 2.595 .7 \& 2.613 .5 \& \& \\
\hline By commodity groupe and principal commodities: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline Food and live animals \# ......................... mil. \(5 .\). \& 130,290.8 \& 23,9 \& 1,691 \& 1,816.6 \& 1,798.8 \& 1,758.0 \& 2,093.7 \& 1,963.6 \& 2,098.2 \& 1,904.2 \& 1,769.0 \& 1,910.6 \& 1,865.9 \& 1,854.3 \& 2,122.9 \& \\
\hline Beverages and tobacco -......................... do \& - \(22,914.7\) \& \begin{tabular}{l}
\(3,026.2\) \\
19248 \\
\hline 1
\end{tabular} \& 1193.1 \& 1,515.4 \& 379.8 \& 1.546.9 \& 171.5 \& 1223.6 \& 1,6098 \& 1.645.4 \& 199.3 \& 231.3 \& 193.4 \& 215.7 \& 207.4 \& \\
\hline Mineral fuels, lubricante, etc. \# ............... mil. \& 1 \(10,279.0\) \& 12,728 \& 1,073.3 \& 1,206.1 \& -846. \& \({ }^{881.9}\) \& 1,006.3 \& 1,481.1 \& -843.6 \& 1,672.6 \& 7 789.4 \& \({ }^{1,816.3}\) \& \({ }^{1}\),352.6 \& \({ }^{1837.5}\) \& \({ }^{1,421.0}\) \& \\
\hline Oils and fats, animal and vegetable ........... do \& 11,750.3 \& 1,540 \& 146.8 \& 105.0 \& 118.3 \& 117.3 \& 99.1 \& 139.5 \& 114.9 \& 156.7 \& 129.3 \& 84.9 \& 127.0 \& 111.7 \& 157.0 \& \\
\hline Chemicals \& \({ }^{2} 21,187.1\) \& 19,890.5 \& 1,548.7 \& 1,487.8 \& 1,455.2 \& 1,647.2 \& 1,565.1 \& 1,491.8 \& 1,704.1 \& 1,586.5 \& 1,557.7 \& 1,820.0 \& 1,620.8 \& 1,742.0 \& 1,609.8 \& \\
\hline Manufactured goods \# \(\qquad\) do.... Machinery and transport equipment, \& \({ }^{2} 20,632.5\) \& 16,738.6 \& 1,321.7 \& 1,390.7 \& 1,202.5 \& 1,155.4 \& 1,213.9 \& 1,087.3 \& 1,332.7 \& 1,315.5 \& 1,269.6 \& 1,226.7 \& 1,173.9 \& 1,235.3 \& 1,250.7 \& \\
\hline total............................................. mil. \& 195,717.2 \& 87,128.1 \& 6,756.3 \& 7,136.5 \& 6,083 \& 6,846.4 \& 6,174.2 \& 6,406 \& 8,041.1 \& 6,79 \& 6,865.3 \& 7,812.8 \& \& \& 6,792.3 \& \\
\hline Machinery, total \& \begin{tabular}{l}
162945.5 \\
3 \\
\hline 127909
\end{tabular} \& \(59,324.2\)
27823 \& \({ }^{4,928.1}\) \& 4,889.2 \& 4,461.1 \&  \& 4,252.5 \& 3,989.1 \& 4,921 \& 4,513 \& \& \& \& \& \& \\
\hline Transport equipment total ........................ do............ \& \({ }^{16,214.0}\) \& 13,906.8 \& 1,040.7 \& 1,084.0 \& '957.9 \& \({ }^{919.5}\) \& '958.7 \& 1,076.1 \& 1,349.1 \& 1,288.1 \& 1,370.4 \& 1,246.4 \& \({ }^{2} 959.0\) \& 1,049.5 \& \& \\
\hline VALUE OF IMPORTS \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline General imports, total ................................... do.... \& \({ }^{1261,304.9}\) \& 243,951.9 \& 20 \& 21,219.3 \& 19,002.0 \& 18,720.2 \& 20,149.0 \& 17,59 \& 20,311.2 \& 19,8 \& 21,932.9 \& 21,763.0 \& 21,583.9 \& 8.6 \& \& \\
\hline Seasonally adjusted.................................. do.... \& \& \& 20,581.3 \& 21,006.0 \& 18,892.4 \& 19,154.4 \& 20,020,9 \& 19,014.9 \& 19,525.2 \& 19,771.1 \& 21,514.4 \& 21,024.4 \& 21,949.9 \& 22,782.3 \& 22,175.1 \& \\
\hline By geographic regions: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline Africa ...................... \& \({ }^{1} 27,070.6\) \& \({ }^{2} 17,770.1\) \& 1,262.7 \& 1,586.0 \& 1,423.8 \& 1,288.3 \& 1,2 \& \({ }^{866.8}\) \& 87 \& 950.0 \& 1,2 \& 1,342.5 \& 1,519.9 \& . 6 \& \& \\
\hline Austra \& \({ }^{12,352.7}\) \& \({ }^{2} 3130.5\) \& \({ }^{281.1}\) \& , 323.1 \& , 261.2 \& \({ }^{2} 205\). \& , 245 \& \({ }^{216.6}\) \& \({ }_{2} \mathbf{2} 27.9\) \& \({ }_{2}{ }^{2} 21.4\) \& , \& \({ }^{262.5}\) \& '256.5 \& \& \& \\
\hline Europe ...................... \& +53,409.7 \& 23,412.7 \& 4,241.8 \& 4,712.0 \& \(4,220.1\) \& 4,381.0 \& 4,658.0 \& 3,767.0 \& 4,434.4 \& 4,6024 \& 4,815.4 \& 4,662.4 \& 4,692.3 \& 5,080.8 \& \& \\
\hline rthern North \& \({ }^{146,432.0}\) \& : \(46,497.7\) \& 4,238.7 \& 3,907.9 \& 4,009.8 \& 3,625.6 \& 3,868.1 \& 3,753 \& 4,534 \& 4,227.8 \& 4,529.7 \& 4,691.1 \& 3,937 \& 4,057.8 \& \& \\
\hline Southern North America ............................ d \& '23,477.4 \& 23,525.0 \& 2,100.8 \& 1,972.3 \& 1,779.6 \& 2,126.8 \& 1,982.4 \& 1,806.4 \& 2,032.6 \& 2,131.3 \& \(2,577.6\) \& 1,965.0 \& 2,046.6 \& 2,198.5 \& \& \\
\hline South America .......................................... do.... \& \({ }^{15,526.4}\) \& \({ }^{2} 14,444.1\) \& 1,141.9 \& 1,562.4 \& 1,173.7 \& 1,336.6 \& 1,384.1 \& 996.6 \& 1,252.2 \& 1,396.6 \& 1,532.4 \& 1,160.2 \& 1,354.5 \& 1,249.7 \& \& \\
\hline By leading countries: Africa: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline Egypt \& \[
\begin{array}{r}
1397.3 \\
{ }^{1} 2,445.3
\end{array}
\] \&  \& \[
\begin{array}{r}
8.5 \\
84.4
\end{array}
\] \& \[
\begin{array}{r}
19.2 \\
227.1
\end{array}
\] \& \[
\begin{gathered}
51.2 \\
162.8
\end{gathered}
\] \& \[
\begin{array}{r}
51.0 \\
172.1
\end{array}
\] \& \[
\begin{array}{r}
17.9 \\
142.3
\end{array}
\] \& \[
\begin{array}{r}
95.0 \\
162.7
\end{array}
\] \& \[
\begin{array}{r}
16.3 \\
162.8
\end{array}
\] \& \[
\begin{array}{r}
4.0 \\
263.5
\end{array}
\] \& \[
\begin{array}{r}
4.5 \\
183.8
\end{array}
\] \& \[
\begin{array}{r}
17.8 \\
169.0
\end{array}
\] \& 37.4 \& \[
\begin{array}{r}
20.5 \\
154.1
\end{array}
\] \& \& \\
\hline , \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline Australia, \& 8 \& \& 203.1 \& 252.7 \& 172.3 \& \& 196.0 \& 158.1 \& 164.7 \& 6 \& 164.1 \& 175.4 \& 168.6 \& 3.1 \& \& \\
\hline Japan ...... \& 137 \& 237 \& 2,90 \& 3,274 \& 2,6 \& 2. \& 2,9 \& 2,8 \& 3,440.2 \& 3,080 \& 3,461.1 \& 3,283.8 \& 3,55 \& 3,633.8 \& \& \\
\hline Europe: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline France........................................ do.... \& \({ }^{15} 5851.4\) \& 25,545.3 \& 0.1 \& 4.0 \& 99.8 \& 2.7 \& 0.2 \& 8 \& 1.9 \& 492.8 \& 17.9 \& 97.0 \& 69.6 \& 0.6 \& \& \\
\hline \begin{tabular}{l}
German Democratic Republic (formerly \\
E. Germany) \(\qquad\) mil
\end{tabular} \& \& \& \& 3.3 \& \& 2.9 \& 5.4 \& 5.7 \& 5.3 \& 5.3 \& 3.4 \& 3.5 \& 4.6 \& 5.5 \& \& \\
\hline \begin{tabular}{l}
Fedaral Republic of Germany (formeriy \\
W. Germany
\end{tabular} \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline  \& \({ }^{1} 11,379.0\) \& 211,974.8 \({ }^{2}\) \& 872.9
459.6 \& 981.1
350.0 \& 949.0
413.7 \& 967.2
420.4 \& \({ }_{471.1}^{989.2}\) \& 887.4 \& 1,064.5 \& 1,044.6 \& 1,011.7 \& 1,114.2 \& \& 1,126.9 \& \& \\
\hline Union of Soviet Socialiet Republica............ do \& 347.5 \& \({ }_{12}{ }_{2}\) \& \({ }^{469.6}\) \& \begin{tabular}{|c}
350.0 \\
34.8
\end{tabular} \& 813.7 \& 420.4 \& \({ }_{222.7}^{47.1}\) \& 367.4

5 \& 60.6
20.0 \& 25.2 \& 1628.4 \& ${ }_{1} 165.5$ \& \& \& \& <br>

\hline United Kingdom..................................... do.... \& ${ }^{\text {1 }} 12,834.6$ \& ${ }^{13,094.8}$ \& 1,079.6 \& 1,483.0 \& 1,037.3 \& 1,181.4 \& 1,021.2 \& 774.9 \& 897.8 \& 922.1 \& 1,227.8 \& 1,032.3 \& \[
1,129.7

\] \& \[

1,318.0
\] \& \& <br>

\hline North and South America: Cansda \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline \& \& \& 4,23 \& \& 4,0 \& 3,622. \& 66.9 \& 3,762.7 \& 4,631 \& 4,227.1 \& 4,528.2 \& 4,688.8 \& 3,937.0 \& 4,055.4 \& \& <br>

\hline Latin American republics, total \# \& $$
\left.\begin{aligned}
& \mathbf{3} 3,023.3 \\
& 14,474.5
\end{aligned} \right\rvert\,
$$ \& ${ }^{2} 32,512.6$ \& 2,776.3 \& \[

\left|$$
\begin{array}{|c|}
3,061.0 \\
427.6
\end{array}
$$\right|

\] \& \[

$$
\begin{array}{r}
2,604.6 \\
316.4
\end{array}
$$

\] \& \[

$$
\begin{array}{r}
2,963.1 \\
440.1
\end{array}
$$

\] \& \[

$$
\begin{array}{r}
2,885.0 \\
430.6
\end{array}
$$

\] \& 2,408.3 \& 2,801.1 \& \[

$$
\begin{aligned}
& 3,001.9 \\
& 3836
\end{aligned}
$$

\] \& \[

3,538.0

\] \& \[

$$
\begin{array}{r}
2,744.5 \\
\mathbf{3} 51.7
\end{array}
$$
\] \& 2,899.2 \& 3,032.0 \& \& <br>

\hline Mexico -....................................---1.................. do \& 13,765.1 \& -15,565.9 \& 1,448.9 \& 1,299.9 \& 1,219.4 \& 1,418.7 \& 1,285.9 \& 1,194.8 \& 1,328.8 \& 1,345.7 \& \& 1,363.7 \& \& \& \& <br>

\hline Venezuela ...................................................... do.... \& 15,666.0 \& 24,767.7 \& 1,461.9 \& 1,204.0 \& ${ }^{1,2929}$ \& ,528.9 \& ${ }_{472.5}$ \& 284.9 \& 428.0 \& 424.9 \&  \& , 310.4 \& \[
$$
\begin{array}{r}
1,295.0 \\
428.9
\end{array}
$$

\] \& \[

1,491.4
\] \& \& <br>

\hline By commodity groups and principal commodities: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Agricultural products, total Nonagricultural producta, total $\qquad$ mil. $\$ .$. \& 217,003.4
$1244,301.4$ \& 215,421.7
n228,5302 \& 1,3020 \& 1,428.6 \& 1,248.0 \& 1,234.3 \& 1,529.8 \& 1,3129 \& 1,379.5 \& 1,489.6 \& 1,532.8 \& 1,261.4 \& 1,264.2 \& 1,248.5 \& \& <br>
\hline ood and live animals \# ............................. d \& \& 2. \& \& \& 17,764.0 \& 17,485.9 \& 18,699.3 \& 16,29.6 \& \& 18,318.1 \& 2 \& 20,501.6 \& \& \& \& <br>
\hline Beverages and tobacco .............................................. ${ }_{\text {do }}$ \& ${ }^{\text {'13, }} 13138.3$ \& \& ${ }_{1}^{1,266.6}$ \& 1,384.3 \& ${ }^{1,2827.7}$ \& ${ }_{2} 1,196.8$ \& 1,346.6 \& 1,197.8 \& 1,300.1 \& 1,309.2 \& 1,450.0 \& 1,191.3 \& 1,228.2 \& ,202.5 \& 1,230.8 \& <br>
\hline Crude materials, inedible, exc. fuels \# ....................... \& ${ }^{1} 11,193.4$ \& ${ }^{2} 8,589.4$ \& 715.8 \& 701.3 \& 705.0 \& 624.8 \& 691.9 \& 630.1 \& 767.5 \& 713.7 \& 281.9

860.1 \& $$
\begin{aligned}
& 298.9 \\
& 868.7
\end{aligned}
$$ \& 269.5

803.8 \& 277.9
850.8 \& ${ }_{837.9}^{2351}$ \& <br>
\hline Mineral fuele, lubricants, etc........................ do \& 181,416.9 \& 265,409.2 \& 5,200.6 \& 5,946.6 \& 5,037.4 \& 5,467.6 \& 5,141.6 \& 3,704.4 \& 3,864.9 \& 3,763.1 \& 5,033.2 \& 4,767.3 \& 5,164.0 \& 5,703.1 \& 6,571.3 \& <br>

\hline Petroleum and products .......ab............. do \& ${ }^{1}{ }^{155,577.3} 1$ \& 259,396.4 \& $\begin{array}{r}4,741.4 \\ 24.4 \\ \hline\end{array}$ \& | $5,486.9$ |
| :---: |
| 32.2 | \& | $4,419.7$ |
| ---: |
| 32.3 | \& 4,843.7 \& 4,440.6

38.5 \& $3,001.7$
30.1 \& $3,260.6$
320 \& ${ }_{3,287.5}^{30.1}$ \& 4,655.4 \& 4,333.4 \& 4,802.3 \& 5,369.6 \& \& <br>

\hline Chemicale $\qquad$ \& ${ }^{19} 9445.9$ \& ${ }^{29,493.5}$ \& 869.7 \& 827.0 \& 739.3 \& 751.8 \& 859.9 \& 867.1 \& 1,011.0 \& 896.7 \& ${ }^{927.6}$ \& \[
$$
\begin{array}{r}
35.9 \\
838.2
\end{array}
$$

\] \& \[

$$
\begin{array}{r}
39.6 \\
827.0
\end{array}
$$

\] \& \[

88.1

\] \& \[

$$
\begin{aligned}
& 43.5 \\
& 846.0
\end{aligned}
$$
\] \& <br>

\hline Manufactured goods \#\#.................... \& 137,291.9 \& 233,148.4 \& 2,581.1 \& 2,616.0 \& 2,509.1 \& 2,229.1 \& 2,469.2 \& 2,270.3 \& 2805.4 \& 2,877.8 \& 3,047.5 \& 2,936.8 \& 2.875 .6 \& 3,268.4 \& 3,024.8 \& <br>
\hline  \& ${ }^{2} 269,627.2$ \& ${ }^{2} 73,31996.6$ \& $5,894.2$
$3,419.1$ \& 6,187.3

3,4228 \& 3,543.0 \& [5,517.3 \& ${ }_{\text {cher }}$ \& 5,925.5 \& 7 \& 6,731.5 \& $7,288.3$ \& 77.364 .4 \& \[
$$
\begin{aligned}
& 7.0619 .9 \\
& 0.0796
\end{aligned}
$$

\] \& \[

$$
\begin{aligned}
& 7,134.3 \\
& \hline, 00 k
\end{aligned}
$$
\] \& 6,436.1 \& <br>

\hline  \& $138,212.2$
$131,415.2$ \&  \& 3,419.1 \& 3,422.8 \& 3,044.5.5 \& 3,038.2 \& $3,221.7$
$2,930.7$ \& $3,017.0$
2908.5 \& $3,678.0$
$3,372.2$ \& 3,635.5 \& $3,755.7$
3,5326 \& $3,954.4$
$3,410.0$ \& 4,079.6

2982.3 \& $$
\begin{gathered}
4,005.9 \\
3,128.5
\end{gathered}
$$ \& \& <br>

\hline Automobiles and parts ............................................ \& ${ }^{2} 26,216.9$ \& ${ }^{29,360.6}$ \& 2,202.1 \& $2,436.6$ \& 2,178.6 \& 2,163.0 \& 2,482.4 \& 2,605.4 \& 2,9886 \& $2,762.2$ \& 3,252.7 \& 3,119.0 \& 2,689.6 \& $2,1873.9$ \& \& <br>
\hline
\end{tabular}

See footnotes at end of table.

| Unlesa otherwise stated in footnotes below, data through 1978 and deecriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS | 1981 | 1982 | 1982 |  |  |  | 1983 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Annual |  | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. |

FOREIGN TRADE OF THE UNITED STATES-Continued

| Indexes |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Exports (U.S. mdse., excl. military grant-aid): |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Unit value ......................................... $1977=100$. | ${ }^{1} 150.8$ | 152.5 | 150.8 | 151.6 | 151.0 | 152.2 | 154.0 | 155.0 | 154.1 | 154.8 | 152.6 | 153.7 | 155.0 | 154.0 | 154.9 |  |
| Quantity....................................................... do... | ${ }^{1} 128.8$ | 115.1 | 107.8 | 113.3 | 103.2 | 108.9 | 104.5 | 99.7 | 118.2 | 107.5 | 105.7 | 113.9 | 102.2 | 100.8 | 108.3 | ............ |
| Value ......................................................... do... | ${ }^{1} 194.1$ | 175.6 | 162.6 | 171.8 | 165.8 | 165.7 | 160.9 | 154.6 | 182.3 | 166.5 | 161.3 | 175.0 | 158.4 | 155.2 | 167.7 | ............ |
| General imports: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Unit value ................................................... do.... | ${ }^{1} 170.3$ | 167.5 | 164.1 | 166.2 | 164.1 | 164.2 | 163.6 | 162.0 | 162.2 | 160.7 | 158.9 | 160.2 | 158.7 | 160.8 | 160.9 |  |
| Quantity....................................................... do... | ${ }^{1} 105.2$ | 99.9 | 101.3 | 105.2 | 95.3 | 93.8 | 101.4 | 89.4 | 103.1 | 101.5 | 113.7 | 11.9 | 112.0 | 118.1 | 111.2 | ..... |
| Value ....)................................................. do... | ${ }^{1} 179.1$ | 167.4 | 166.2 | 174.7 | 156.5 | 154.0 | 165.9 | 144.8 | 167.3 | 163.1 | 180.6 | 179.2 | 177.7 | 189.9 | 179.0 | ............ |
| Shipping Weight and Value |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Waterborne trade: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Exports (incl. reexports): $\qquad$ thous. sh. tons. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Value ................................................................ mil. \$. | ${ }^{1} 123,495$ | 115,905 | 9,061 | 9,402 | 8,923 | 8,869 | 8,584 | 8,004 | 8,758 | 8,644 | 7,829 | 8,345 |  |  |  |  |
| General imports: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipping weight......................... thous. sh. tons.. | ${ }^{1464,420}$ | 376,446 | 30,598 | 34,515 | 27,291 | 29,067 | 28,145 | 22,504 | 23,412 | 25,526 | 32,956 |  |  |  |  |  |
| Value ..................................................... mil. \$.. | ${ }^{1} 177,059$ | 155,511 | 12,426 | 13,532 | 11,552 | 11,283 | 12,407 | 10,563 | 11,616 | 11,161 | 13,323 | 12,924 |  |  |  |  |

## TRANSPORTATION AND COMMUNICATION

National parks, recreation visits \# \# $\qquad$ See footnotes at end of tables.

| Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as abown in the 1979 edition of BUSINESS STATISTICS | 1981 | 1982 | 1982 |  |  |  | 1983 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Annual |  | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. |

TRANSPORTATION AND COMMUNICATION-Continued

| COMMUNICATION |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Telephone carriers: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | - ${ }_{28,117}^{6899}$ | 73,808 $\mathbf{3 1 , 6 7 8}$ | ${ }_{2,712}^{6,291}$ | 6,327 <br> 236 | 6,310 2,745 | 6,005 $\mathbf{2 , 7 3 0}$ | 6,215 2,750 | 6,198 2,744 | ${ }_{2}^{6,735}$ | 6,485 <br> 2 | 6,498 2 2 | $\begin{array}{r}6,542 \\ 2,775 \\ \hline\end{array}$ | 6,504 2,750 | 6,558 2,725 |  |  |
| Tolls, message............................................................... | 26,507 | 28,099 | 2,338 | 2,334 | 2,308 | 2,342 | 2,294 | 2,138 | 4,704 | 2,331 | 2,358 | 2,352 | 2,311 | 2,498 |  | ........ |
| Operating expenses (excluding taxes) ............. do.... | 44,593 | 51,269 | 4,366 | 4,417 | 4,481 | 4,592 | 4,125 | 4,113 | 3,929 | 4,299 | 4,378 | 4,443 | 4,325 | 4,332 |  | ${ }^{. . . . . . . . . . . . . . . . . . ~}$ |
| Net operating income (after taxes) ................ do.... | 11.910 | 11,951 | 987 | 986 | 961 | 740 | 1,069 | 1,081 | 1,420 | 1,139 | 1,094 | 1,043 | 1,123 | 1,158 | ....... | ............ |
| Phones in service, end of period .....................mil.. | 164.9 | 157.8 | 161.4 | 160.8 | 169.5 | 157.8 | 156.3 | 156.2 | 155.4 | 154.5 | 153.4 | 146.8 | 144.6 | 142.5 | ........... | ............ |
| Telegraph carriers: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Domestic: ${ }^{\text {a }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Operating revenues ................................................... | 623.8 | 878.7 | 66.6 | 54.3 | 56.4 | 58.0 | 57.1 | 55.8 | 59.4 |  |  |  |  | $\cdots$ |  |  |
| Net operating revenues (before taxes) ....... do... | 112.7 | 86.8 | -7.0 | 8.4 | 6.1 | 7.9 | 6.4 | 5.8 | 10.9 |  |  |  | ............. | ${ }^{-\ldots . . . . . . . . . . . . . . ~}$ | ............ |  |
| Overseas total: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Operating revenues................................... do.... | 577.7 | 607.7 | 51.9 | 50.3 | 50.2 | 49.9 | 50.8 4.7 | 48.9 | 54.8 438 |  |  |  |  | ............ |  | ............ |
| Operating expenses .............................. do.... | 117.0 | $\begin{array}{r}495.2 \\ \hline 8.7\end{array}$ | 43.1 | 42.6 5.3 | 4.9 | 45.8 <br> 3 | 5.1 | 41.6 | 83.4 |  |  |  |  |  |  |  |

## CHEMICALS AND ALLIED PRODUCTS




| Unless otherwise stated in footnoter below, data through 1978 and descriptive notes are ap shown in the 1979 edition of BUSINESS STATISTICS | 1981 | 1982 | 1982 |  |  |  | 1983 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Annual |  | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. |

## CHEMICALS AND ALLIED PRODUCTS-Continued

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline Plastics and resin materials \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Production: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline  \& ${ }^{1} 12,688.0$ \& ${ }^{n 12,3977.7}$ \& 1,053.7 \& 107.0 \& 1,020.1 \& 1,083.4 ${ }^{91.3}$ \& 10092.9 \& 104.5 \& 11157.0 \& 1,129.1 \& 1,125.0 \& 1,143.3 \& 1,188.8 \& $$
\begin{array}{r}
124.7 \\
1,136.7
\end{array}
$$ \& \& <br>
\hline Polypropylene........................................... do.... \& 24,007.8 \& ${ }^{1} 13,515.0$ \& 280.4 \& 287.5 \& 311.0 \& 296.4 \& 351.3 \& 351.5 \& 345.8 \& 337.8 \& 369.0 \& 386.3 \& 376.1 \& 363.1 \& …...... \& <br>
\hline Polystyrene and copolymers ....................... do.... \&  \& - \& 460.5
481.0 \& 434.0
454.9 \& 421.1
452.4 \& 3505.5 \& 405.8
392.6 \& 432.2
452.0 \& 489.6
543.5 \& 478.1 \& 463.3
513.2 \& 469.4
535.3 \& 4393.7 \& 432.3
454 \& \& <br>
\hline mISCELIANEOUS PRODUCTS \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Explosives (industria), shipments, quarterly \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Painte, varnish, and lacquer, ahipments: $\rangle^{\text {mill }}$ \& 3,003.6 \& 2,514.9 \& 562.9 \& \& \& 569.9 \& \& \& 487.5 \& \& \& 537.6 \& \& \& 689.8 \& <br>
\hline Total shipments .................................. mil. $\$ .$. \& 7,155.3 \& 7,112.6 \& 660.2 \& 550.3 \& 485.0 \& 424.4 \& ${ }^{15388} 8$ \& ${ }^{2} 569.9$ \& 722.8 \& 744.8 \& ${ }^{\text {r }} 802.4$ \& ${ }^{1} 999.5$ \& $$
763.4
$$ \& 849.4 \& \& <br>
\hline  \& ${ }^{2,763.5}$ \& \& 249.9 \& 211.2 \& 202.3 \& 1788.4 \& r196.8 \& 2266.5 \& \& 346.1

2 \& ${ }^{2369.8}$ \& ${ }^{2980.4}$ \& r24.3 \& 383.4 \& ............ \& <br>
\hline Special purpose coatings ........................... do.... \& 1,326.2 \& 1,400.8. \& 125.7 \& 113.3 \& 98.6 \& 83.6 \& ${ }^{2} 110.4$ \& ${ }^{2} 110.5$ \& -132.2 \& ${ }^{2} 144.3$ \& ${ }^{152.3}$ \& ${ }^{158.2}$ \& r152.0 \& 173.3 \& \& .......... <br>
\hline
\end{tabular}

ELECTRIC POWER AND GAS

| ELECTRIC POWER |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Production: | 2,294,812 | 2,241,211 | 180,662 | 172.966 | 173,377 | 184,722 |  |  | 182 | 170,389 | 174, | 191,046 | 220,074 | 229,472 |  |  |
| By fuels .................................................... do... | 2,034,129 | 1,931,998 | 160,767 | 153,215 | 150,081 | 156,962 | 166,361 | 144,536 | 152,193 | 140,401 | 143,210 | 160,353 | 192,041 | 203,649 |  | ${ }_{\text {............... }}$ |
| By waterpower........................................... do.... | 260,684 | 309,213 | 19,896 | 19,750 | 23,297 | 27,760 | 29,318 | 27,950 | 30,302 | 29,988 | 31,193 | 30,692 | 28,033 | 25,824 | ............ | ............ |
| Sales to ultimate customers, total (Edison Electric Institute) $\ddagger$ mil. kw.-hr.. | '2,150,674 | 120093,592 | P549,610 |  |  | *500,774 |  |  | 526,540 |  |  | 501,648 |  |  |  |  |
| Commercial § ............................................ do... | ${ }^{\text {r } 521,698}$ | 2514,007 | ${ }^{\text {r }} 140,508$ | $\cdots$ |  | '124,488 |  |  | 125,226 |  |  | 123,083 | ............ | .... | ............ | . |
| Industrial § .-............................................ do... | '819,641 | ${ }^{15770,670}$ | '194,200 |  |  | r186,591 |  |  | 187,908 |  |  | 199,884 |  |  |  |  |
| Railways and railroada. do... <br> Residential or domestic $\qquad$ do... | $\begin{array}{r} 7,206 \\ 7730,479 \end{array}$ |  | $\left.\begin{array}{r} 1,1744 \\ \times 194,893 \end{array} \right\rvert\,$ |  |  | $\left\|\begin{array}{r} 1,007 \\ \hline 170,052 \end{array}\right\|$ | ............ |  | $\begin{array}{r} 1,191 \\ 193,729 \end{array}$ |  |  | $\begin{array}{r} 953 \\ 160,273 \end{array}$ | ............ |  |  |  |
| Street and highway lighting ........................... d | ${ }^{1} 14,683$ | ${ }^{3} 14,188$ | 358 |  |  |  |  |  | 3.752 |  |  |  |  |  |  |  |
| Other public authorities................................ d... | [53,737 | r255,729 | ${ }^{14,047}$ |  |  | '13,528 |  | $\cdots$ | 13,524 |  |  | 12,999 | $\cdots$ |  |  |  |
| Interdepartmental ........................................ do... | ${ }^{\text {r } 6,230 ~}$ | r75,390 | 1,430 |  |  | '1,351 |  |  | 1,211 |  |  |  |  |  |  |  |
| Revenue from sales to ultimate customers (Edison Electric Institute) $\ddagger$................................... mil. $\$$. | '111,016 | -121,127 | '33,161 |  |  | '29,219 |  |  | 30,803 |  |  | 29,515 |  |  |  |  |
| GAS |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total utility gas, quarterly <br> (American Gas Association): <br> Customers, end of period, total $\qquad$ thous. | 48,013 | 48,418 | 47,894 |  |  | 48,418 |  |  | 48,918 |  |  |  |  |  |  |  |
| Residential.............................................. do. | 44,209 | 44,567 |  |  |  | 44,567 |  |  |  |  |  |  |  |  |  |  |
| Commercial .............................................. do....- | 3,570 | 3,620 | 3,546 | ............ | .... | 3,620 | ............ |  | 3,689 |  |  |  |  |  |  |  |
|  | $\begin{array}{r} 186 \\ 48 \end{array}$ | $\begin{array}{r} 183 \\ 48 \end{array}$ | $\begin{array}{r} 184 \\ 48 \end{array}$ |  |  | $\begin{gathered} 183 \\ 48 \end{gathered}$ |  |  |  | ............. | .. | ... |  | ... |  |  |
| Sales to customers, total ........................ tril. Btu | 15,380 | 14,157 | 2,399 |  |  | 3,302 |  |  | 4,319 |  |  |  |  |  |  |  |
| Residential.............................................. do.... |  | 4,733 | 405 |  |  | 1,151 |  |  |  |  |  |  |  |  |  |  |
| Commercial ................................................... do | 2,360 | 2,444 | ${ }_{1670}^{285}$ | ........... | ... | ${ }^{614}$ | .... | ............. |  | ............- | .. | ............. | $\cdots$ | ............. | ... | ... |
| Industrial <br> Other $\qquad$ do. | $8,220$ | $\begin{array}{r} 6,769 \\ 212 \end{array}$ | 1,670 39 |  | $\ldots$ | $1,483$ | $\cdots$ | $\cdots$ |  |  |  |  |  |  |  | ... |
| Revenue from sales to customers, total ...... mil. \$.. | 56,340 | 63,362 | 10,789 |  |  | 16,179 |  |  | 22,572 |  |  |  |  |  |  |  |
| Residential.............................................. do.. | 19,218 |  | 2,395 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Commercial .............................................. do | 9,231 | 11,538 | 1,409 |  |  | 3,175 |  |  | 4,996 |  |  |  |  |  |  |  |
|  | 27,246 | 27,296 | 6,832 |  | ..... | 6,361 |  |  | 6,475 |  |  |  |  |  |  |  |
| Other ......................................................... do |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

FOOD AND KINDRED PRODUCTS; TOBACCO

| ALCOHOLIC BEVERAGBS |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Beer: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production...............................................mil. bbl. | 193.69 | ${ }^{1} 195.01$ | 15.64 | 15.07 | 13.65 | 13.31 | 14.77 | 14.56 | 16.78 | 15.54 | 18.17 | 18.47 | 18.50 | 18.27 | ............. | ............. |
| Taxable withdrawals..................................... do.... | 176.70 | 176.57 | 14.88 | 13.83 | 13.14 | 12.27 | 12.79 | 12.66 | 15.07 | 15.49 | 16.84 | 17.01 | 16.85 | 17.35 | ............. | ............. |
| Stocks, end of period .................................... do.... | 12.95 | 13.22 | 13.99 | 14.00 | 13.43 | 13.22 | 13.89 | 14.46 | 16.05 | 16.21 | 15.84 | 15.82 | 15.73 | 14.98 | ............. | ............. |
| Distilled spirits (total): |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production $\qquad$ mil. tax gal. Consumption, apparent, for beverage | 152.03 | 138.07 | 10.50 | 14.68 | 13.95 | 11.24 | 11.14. | 10.91 | 12.89 | 11.82 | 11.19 | 9.23 | 5.62 | ............. | $\ldots$ |  |
| purposes $\ddagger$................................mil. wine gal.. | ${ }^{3} 449.45$ | ${ }^{3} 437.66$ | 34.93 | 36.33 | 43.13 | 51.68 | 729.82 | 29.00 | 36.27 | 33.81 | 33.99 | 38.51 | 32.14 | . | ............. |  |
|  | 613.78 | 604.43 | 604.93 | 605.53 | 603.68 | 604.43 | 605.23 | 605.87 | 606.81 | 609.20 | 605.58 | 604.56 | 566.89 | .............. |  | ........ |
| Imports....................................... mil. proof gal.. | 117.93 | 106.03 | 9.87 | 12.75 | 11.75 | 8.29 | 12.41 | 4.90 | 7.24 | 6.56 | 7.09 | 15.46 | 6.48 | 8.51 | 7.35 | ............. |
| Whisky: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production $\ddagger$ $\qquad$ mil. tax gal. Stocks, end of period $\ddagger$ $\qquad$ do... | 96.68 541.07 | 91.25 533.39 | 6.66 539.69 | 8.31 536.00 | 7.73 533.69 | 6.63 533.39 | 6.56 532.96 | 7.52 534.57 | 9.39 535.38 | 8.73 537.72 | 7.47 633.41 | 6.20 535.11 | 3.51 500.07 |  | ................ | ................ |
| Imports........................................................... mil. proof gai.. | 86.53 | 76.60 | 7.19 | 9.89 | 8.18 | 5.64 | 9.59 | 3.02 | 4.95 | 4.43 | 4.83 | 12.20 | 4.12 | 6.11 | 4.77 | $\cdots$ |
| Wines and distilling materials: Effervescent wines: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production ...................................mil. wine gal. | 30.73 | ${ }^{2} 30.78$ | 3.39 | 3.77 | 2.70 | 2.50 | 2.80 | 2.16 | 2.27 | 3.23 | 2.84 | 3.15 | 3.26 | ............. | .............. |  |
| Taxable withdrawals.................................. do... | 27.27 | 29.03 | 1.90 | 6.55 | 2.85 | 3.99 | 1.45 | 1.01 | 2.28 | 1.14 | 3.67 | 1.78 | 1.39 | ............. | ............. |  |
| Stocks, end of period................................... do.... | 11.53 | 13.15 | 16.52 | 14.64 | 14.02 | 13.15 | 14.31 | 15.16 | 15.14 | 17.18 | 16.81 | 17.08 | 19.64 |  |  | ............. |
| Imports......................................................... do.... | 7.66 | 8.35 | 0.71 | 0.81 | 1.13 | 1.29 | 1.01 | 0.51 | 0.62 | 0.77 | 0.72 | 0.80 | 0.74 | 0.69 | 0.84 | ............. |
| Still wines: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production $\ddagger$.............................................. do.... | 466.23 | '554.31 | 162.79 | 229.61 | 72.07 | 23.64 | 7.50 | 6.12 | 5.58 | 5.45 | 6.10 | 6.83 | 4.33 | $\ldots . . . . . . . . .$. | ............. |  |
| Taxable withdrawals $\ddagger$............................... do.... | 363.64 | ${ }^{\text {r }} 398.60$ | 27.10 | 34.14 | 71.06 | 29.58 | 25.16 | 26.42 | 33.06 | 32.56 | 31.54 | 33.67 | 28.26 |  |  |  |
| Stocks, end of period $\ddagger$.............................................................................. ${ }^{\text {do. }}$ do. | 604.41 107.60 | 695.27 113.79 | 512.20 9.93 | 702.10 9.13 | 705.62 11.94 | 695.27 11.47 | 670.70 12.42 | 654.75 7.78 | 620.77 8.41 | 583.98 8.58 | 554.34 9.35 | 511.61 10.87 | 487.30 9.68 | 9.49 | 9.72 |  |
| Distilling materials produced at wineries ................................................ | 188.20 | 190.23 | 43.17 | 71.36 | 27.96 | 9.61 | 7.39 | 10.09 | 9.87 | 7.62 | 7.26 | 4.44 | 7.86 |  |  |  |


| Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS | 1981 | 1982 | 1982 |  |  |  | 1983 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Annual |  | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. |

## FOOD AND KINDRED PRODUCTS; TOBACCO-Continued

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline DAIRY PRODUCTS \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline Butter, creamery: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline Production (factory) @ ..............................mil. 1b.. \& 1,228.2 \& 1,257.0 \& 256.4 \& \& \& 300.0 \& \({ }^{8} 133.9\) \& 120.7 \& 126.1 \& 126.5 \& 121.1 \& 109.6 \& 94.7 \& 83.9 \& 84.2 \& ............. \\
\hline Stocks, cold storage, end of period ................. do.... \& \begin{tabular}{l}
429.2 \\
\hline 1.535
\end{tabular} \& 466.8 \& 510.0 \& ............. \& ............. \& 466.8 \& \({ }^{\bullet} 485.4\) \& 527.9 \& 533.1 \& 549.7 \& 576.1 \& 588.5 \& 588.4 \& 581.8 \& 555.3 \& ............ \\
\hline Cheese: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline Production (factory), total @ ....................mil. lb. \& 4,277.6 \& 4,539.8 \& 1,121.3 \& \& \& 1,141.5 \& \({ }^{9} 374.9\) \& 352.6 \& 416.9 \& 408.1 \& 429.2 \& 436.0 \& 400.6 \& 380.7 \& 375.1 \& ............. \\
\hline American, whole milk @ ........................... do.... \& 2,642.3 \& 2,750.5 \& 673.2 \& \& \& 655.7 \& \({ }^{8} 233.2\) \& 216.3 \& 255.7 \& 261.4 \& 278.1 \& 279.8 \& 257.7 \& 232.3 \& 213.3 \& \\
\hline Stocks, cold storage, end of period \& 709.6 \& 963.5 \& 864.3 \& \& \& 963.5 \& \({ }^{9} 1,015.5\) \& 1,073.5 \& 1,103.2 \& 1,116.7 \& 1,121.8 \& 1,143.8 \& 1,191.4 \& 1,227.7 \& 1,262.5 \& \\
\hline American, whole milk................................ \& 623.0 \& 880.8 \& 765.1 \& \& \& 880.8 \& \({ }^{9} 928.2\) \& 985.0 \& 1,017.9 \& 1,030.8 \& 1,031.3 \& 1,041.9 \& 1,081.0 \& 1,120.0 \& 1,149.4 \& ............ \\
\hline Imports........................................................ do... \& 247.7 \& 269.3 \& 25.6 \& 24.6 \& 28.7 \& 46.8 \& 24.4 \& 17.5 \& 22.6 \& 22.1 \& 22.8 \& 16.6 \& 20.1 \& 21.1 \& 24.3 \& ............. \\
\hline Price, wholesale, cheddar, single daisies (Chicago) \(\qquad\) \$ per lb. \& 1.672 \& 1.684 \& 1.683 \& 1.686 \& 1.686 \& 1.686 \& 1.680 \& 1.666 \& 1.666 \& 1.666 \& 1.675 \& 1.684 \& 1.684 \& 1.684 \& 1.691 \& 1.699 \\
\hline Condensed and evaporated milk: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline Production, case goods @ \(\qquad\) mi Stocks, manufacturers', case goods, end of \& 757.9 \& 734.9 \& 184.0 \& \& \& 181.6 \& \({ }^{9} 54.5\) \& 51.7 \& 57.4 \& 59.7 \& 61.6 \& 62.0 \& 54.4 \& 51.2 \& 48.9 \& \\
\hline period .................................................... \& 46.0 \& 51.9 \& 103.3 \& \& \& 51.9 \& \({ }^{9} 51.4\) \& 51.4 \& 48.4 \& 60.7 \& 74.6 \& 75.7 \& 94.0 \& 101.5 \& 94.1 \& \\
\hline Exports........................................................ do... \& 34.9 \& 19.3 \& 0.5 \& 0.3 \& 0.3 \& 0.6 \& 0.1 \& 0.2 \& 0.4 \& 0.4 \& 0.5 \& 0.3 \& 0.4 \& 0.5 \& 0.5 \& \\
\hline Fluid milk: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline  \& 133,013 \& 135,795 \& 33,983 \& \& \& 32,854 \& \({ }^{1} 11,292\) \& 10,627 \& 12,036 \& 11,933 \& 12,487 \& 12,033 \& 11,894 \& 11,639 \& 11,309 \& 11,382 \\
\hline Utilization in mfd. dairy products @ ............ do... \& 76,391 \& 79,098 \& 19,470 \& \& \& 18,445 \& 6,760 \& 6,400 \& 7,409 \& 7,293 \& 7,672 \& 7.788 \& 7,160 \& 6,762 \& 6,374 \& \\
\hline Price, wholesale, U.S. average ........... \(\$\) per 100 lb. \& 13.80 \& 13.60 \& 13.60 \& 13.80 \& 13.90 \& 13.90 \& 13.80 \& 13.80 \& 13.60 \& 13.50 \& 13.30 \& 13.20 \& 13.20 \& 13.30 \& 13.50 \& \({ }^{\mathrm{p}} 13.70\) \\
\hline Dry milk: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline \begin{tabular}{l}
Production: \\
Dry whole milk @ \(\qquad\) mil. lb
\end{tabular} \& 92.7 \& 102.2 \& 22.4 \& \& \& 24.3 \& 8.5 \& 7.6 \& 10.5 \& 9.1 \& 9.0 \& 8.8 \& 7.9 \& . 0 \& 9.1 \& \\
\hline Nonfat dry milk (human food) @ ............... do.... \& 1,314.3 \& 1,400.6 \& 339.0 \& \& \& 296.9 \& \({ }^{9} 117.7\) \& 115.7 \& 135.0 \& 137.2 \& 156.8 \& 157.8 \& 145.7 \& 127.5 \& 104.6 \& \\
\hline Stocks, manufacturers', end of period: Dry whole milk \& 6.0 \& 6.0 \& 7.3 \& \& \& 6.0 \& 95.0 \& 3.8 \& 5.0 \& 5.0 \& 5.4 \& 5.8 \& 5.9 \& 4.9 \& 4.4 \& \\
\hline Nonfat dry milk (human food) .................... do. \& 86.7 \& 93.3 \& 89.8 \& \& \& 93.3 \& \({ }^{9} 84.4\) \& 92.5 \& 81.4 \& 89.5 \& 99.0 \& 91.2 \& 99.2 \& 85.8 \& 69.7 \& \\
\hline Exports, whole and nonfat (human food)........ do.... \& 198.0 \& 187.8 \& 13.7 \& 12.1 \& 22.4 \& 10.4 \& 19.5 \& 2.9 \& 27.9 \& 23.6 \& 22.9 \& 33.0 \& 19.0 \& 22.9 \& 47.3 \& \\
\hline Price, manufacturers' average selling, nonfat dry milk (human food) .................................. \$ per lb. \& 0.939 \& \({ }^{1} 0.936\) \& \& \& \& \& \({ }^{10} 0.940\) \& 0.942 \& 0.942 \& 0.943 \& 0.941 \& 0.940 \& 0.939 \& 0.940 \& 0.936 \& \\
\hline GRAIN AND GRAIN PRODUCTS \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline Exports (barley, corn, oats, rye, wheat) ....... mil. bu.. \& 3,918.3 \& 3,524.8 \& 245.8 \& 268.7 \& 269.1 \& 264.9 \& 329.4 \& 318.2 \& 310.9 \& 279.8 \& 254.5 \& 275.1 \& 248.9 \& 220.3 \& 285.6 \& \\
\hline Barley: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline Production (crop estimate) © ...................... do.... \& \({ }^{2} 479.3\) \& \({ }^{2} 522.4\) \& \& \& \& \& \& \& \& \& \& \& \& ............ \& \& \({ }^{8} 531.7\) \\
\hline Stocks (domestic), end of period, total \(\ddagger\)......... do.... \& 333.1 \& 418.1 \& 501.4 \& …......... \& ....... \& 418.1 \& ............. \& ............. \& 296.7 \& ............. \& \({ }^{4} 222.8\) \& ............. \& ............. \& \& 524.7 \& \\
\hline On farms \(\ddagger\)............................................... do.... \& 231.2 \& 293.9 \& 353.4 \& .......... \& ......... \& 293.9 \& ............. \& ............ \& 198.5 \& ............. \& \({ }^{4} 142.9\) \& ............. \& ............ \& .......... \& 351.1 \& \\
\hline Off farms ................................................. do.... \& 101.9 \& 124.2 \& 148.0 \& \& \& 124.2 \& \& \& 98.2 \& ............ \& \({ }^{179.9}\) \& ............ \& \& \& 173.6 \& \\
\hline Exports, including malt §................................ do.... \& 95.9 \& 66.4 \& 5.7 \& 1.5 \& 3.0 \& 1.9 \& 7.6 \& 1.5 \& 3.7 \& 0.2 \& 2.4 \& 2.0 \& 1.3 \& 6.0 \& 14.2 \& \\
\hline Corn: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline Production (crop estimate, grain only) \(\bigcirc\). mil. bu.. \& \({ }^{2} 8,201.6\) \& 28,397.3 \& \& \& \& \& \& \& \& \& \& \& \& \& \& \({ }^{8} 4,121.0\) \\
\hline Stocks (domestic), end of period, total \(\ddagger\)......... do.... \& 6,967.7 \& 8,423.8 \& \({ }^{5} 2,285.9\) \& ............. \& \& 8,423.8 \& \& \& 6,364.4 \& ..... \& 35,081.0 \& \& \& ............. \& \({ }_{5}^{5} 3,140.0\) \& \\
\hline On farms \(\ddagger\)................................................. do. \& \(5,033.8\)
19338 \& 6,156.9 \& \({ }^{5} 1,356.0\) \& \& \& \(6,156.9\)
2 \& \& ............. \& \[
\begin{aligned}
\& 4,41.0 \\
\& 1953.0
\end{aligned}
\] \& ...... \& \[
\left|\begin{array}{l}
3 \\
3,250.8
\end{array}\right|
\] \& \& \& ............ \& \({ }^{5} 1,536.1\) \& \\
\hline Exports, including meal and flour .................. do.... \& 2,159.3 \& 1,924.9 \& 107.4 \& 166.5 \& 169.8 \& 173.8 \& 174.9 \& 161.5 \& 169.6 \& 157.6 \& 149.1 \& 151.2 \& 123.7 \& 119.4 \& 142.9 \& \\
\hline Oats: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline Production (crop estimate) ©................... mil. bu.. \& \({ }^{2} 509.2\) \& \({ }^{2} 617.0\) \& \& \& \& \& \& \& \& \& \& \& \& \& \& \({ }^{8} 472.5\) \\
\hline Stocks (domestic), end of period, total \(\ddagger \ldots \ldots . . . . .\). do.... \& 365.2 \& 473.7 \& 581.3 \& \& \& 473.7 \& \& \& 332.5 \& \& \({ }^{+229.2}\) \& \& \& \& 502.3 \& \\
\hline On farms \(\ddagger\)................................................ do.... \& 314.1 \& 397.9 \& 486.0 \& \& \& 397.9 \& \& \& 272.5 \& ... \& \({ }^{4} 190.6\) \& \& \& \& 423.1 \& \\
\hline Off farms ............................................................. \& 51.1 \& 75.8 \& 95.3 \& \& \& 75.8 \& \& \& 59.9 \& \& \({ }^{48.6}\) \& \& \& \& 79.2 \& \\
\hline Exports, including oatmeal ......................... do.... \& 12.8 \& 5.8 \& 0.3 \& 0.8 \& 0.2 \& 0.3 \& 0.1 \& 0.2 \& 0.1 \& 0.3 \& 0.3 \& 0.2 \& 0.4 \& 0.3 \& 0.1 \& \\
\hline Price, wholesale, No. 2, white (Minneapolis) \$ per bu.. \& ( \({ }^{7}\) \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline Rice: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline Production (crop estimate) \(\qquad\) California mills: mil. bags \#. \& \({ }^{2} 182.7\) \& \({ }^{2} 154.2\) \& \& \& \& \& \& \& \& \& \& \& \& \& \& \({ }^{\text {s }} 103.3\) \\
\hline Receipts, domestic, rough .......................mil. lb.. \& 3,359 \& \({ }^{2} 2,913\) \& 76 \& 505 \& \({ }^{\text {c273 }}\) \& 139 \& 140 \& 189 \& 145 \& 240 \& 105 \& 216 \& 213 \& 393 \& 300 \& \\
\hline Shipments from mills, milled rice .............. do... \& 2,267 \& 1,619 \& 110 \& 81 \& 63 \& 47 \& 103 \& 162 \& 152 \& 166 \& 186 \& 172 \& 122 \& 309 \& 263 \& \\
\hline Stocks, rough and cleaned (cleaned basis), end of period...................................................mil. lb.. \& 510 \& 503 \& 108 \& 369 \& 462 \& 503 \& 491 \& 428 \& 385 \& 381 \& 268 \& 351 \& 246 \& 269 \& 211 \& \\
\hline Southern States mills (Ark., La., Tenn., Tex.): \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline Receipts, rough, from producers ............ mil. lb.. \& 10,821 \& 11,482 \& 3,278 \& 1,507 \& 714 \& 720 \& 588 \& 712 \& 526 \& 357 \& 325 \& 216 \& 135 \& 951 \& 2,332 \& \\
\hline Shipments from mills, milled rice ............. do... \& 7,354 \& 7,020 \& 615 \& 541 \& 542 \& 550 \& 403 \& 569 \& 668 \& 495 \& 529 \& 672 \& 458 \& \({ }^{\text {c } 450}\) \& 535 \& \\
\hline Stocks, domestic, rough and cleaned (cleaned basis), end of period ...............................mil. lb.. \& 2,763 \& 3,170 \& 2,826 \& 3,276 \& 3,232 \& 3,170 \& 3,186 \& 3,064 \& 2,684 \& 2,451 \& 1,757 \& 1,276 \& 952 \& 1,146 \& 2,162 \& \\
\hline Exports........................................................ do.... \& 6,801 \& 5,516 \& 320 \& 431 \& 199 \& 307 \& 241 \& 316 \& 490 \& 446 \& 438 \& 550 \& 360 \& 488 \& 624 \& \\
\hline Price, wholesale, No. 2, medium grain (Southwest Louisiana) \(\qquad\) \$ per lb. \& 0.256 \& 0.166 \& 0.165 \& 0.165 \& 0.155 \& 0.180 \& 0.170 \& 0.165 \& 0.165 \& 0.165 \& 0.170 \& 0.175 \& 0.175 \& 0.175 \& 0.175 \& 0.175 \\
\hline Rye: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline Production (crop estimate) \(\bigcirc\)..................... mil. bu.. Stocks (domestic), end of period \(\ddagger\) \(\qquad\) do... \& \(\begin{array}{r} \\ \\ \\ \\ 7.9 \\ \hline\end{array}\) \& 2

10.8
10.9 \& 16.5 \& \& \& 10.9 \& \& \& 8.0 \& \& ${ }^{4} 6.4$ \& \& \& \& $\left.{ }^{(12}\right)$ \& ${ }^{8} 25.7$ <br>
\hline Wheat: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline \& ${ }^{2} 2,799$ \& ${ }^{2} 2,809$ \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Spring wheat $\qquad$ do.... \& ${ }^{2} 695$ \& ${ }^{2} 700$ \& \& \& \& \& \& \& \& \& \& \& \& \& \& ${ }^{8} 431$ <br>
\hline Winter wheat 8 ................................... do... \& ${ }^{2} 2,104$ \& ${ }^{2} 2,108$ \& \& \& \& \& \& \& \& \& \& \& \& \& \& ${ }^{8} 1,977$ <br>
\hline Distribution, quarterly @ @ ........................... do... \& 2,526 \& 2,473 \& ${ }^{8} 987$ \& \& \& 470 \& \& \& 646 \& \& \& ${ }^{8} 336$ \& \& \& \& <br>
\hline Stocks (domestic), end of period, total $\ddagger \ldots \ldots . . . . .$. do... \& 2,178.0 \& 2,520.5 \& 2,987.1 \& \& \& 2,520.5 \& \& \& 1,877.0 \& \& -1,543.2 \& \& \& \& 2,952.7 \& <br>
\hline On farms $\ddagger$................................................ do... \& , 955.6 \& 1,166.1 \& 1,421.0 \& \& ............. \& 1,166.1 \& \& \& ${ }^{1} 886.3$ \& \& ${ }^{1} 694.8$ \& \& \& \& 1,238.5 \& <br>
\hline Off farms ................................................... do.... \& 1,222.4 \& 1,354.5 \& 1,566.0 \& \& \& 1,354.5 \& \& \& 990.7 \& \& ${ }^{4} 848.3$ \& \& \& \& 1,714.1 \& <br>
\hline Exports, total, including flour........................ do.... \& 1,647.7 \& 1,527.5 \& 132.4 \& 99.9 \& 96.0 \& 88.9 \& 146.8 \& 155.0 \& 137.4 \& 121.7 \& 102.7 \& 121.8 \& 123.5 \& 94.7 \& 127.6 \& <br>
\hline Wheat only ............................................... do.... \& 1,610.8 \& 1,493.6 \& 130.8 \& 98.5 \& 94.1 \& 88.5 \& 143.1 \& 146.3 \& 131.1 \& 111.8 \& 95.3 \& 112.0 \& 115.8 \& 87.5 \& 119.2 \& <br>
\hline
\end{tabular}

| Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS | 1981 | 1982 | 1982 |  |  |  | 1983 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Annual |  | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. |

## FOOD AND KINDRED PRODUCTS; TOBACCO-Continued



| Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS | 1981 | 1982 | 1982 |  |  |  | 1983 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Annual |  | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. |

FOOD AND KINDRED PRODUCTS; TOBACCO-Cont.

| MISCELLANEOUS FOOD PRODUCTS-Cont. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Sugar (United States): <br> Deliveries and supply (raw basis): § <br> Production and receipts: | 5,157 | ( ${ }^{4}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Deliveries, |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| For domestic consumption - .-...................... | 9,731 | (4) | ........ | $\ldots$ | $\ldots$ | ${ }^{\circ} \ldots$ | .......... | -........... | ............ | $\cdots$ | ${ }^{\text {............... }}$ | $\ldots$ | $\ldots$ |  | $\ldots$ | $\ldots$ |
| Stocks, raw and ref., end of period ............. do... | 3,311 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Exports, raw and refined.......................sh. tons. | 979,157 | 58,512 | 1,751 | 4,551 | 1,299 | 837 | 1,624 | 934 | 1,308 | 1,236 | 984 | 11,555 | 10,506 | 45,455 | 55,973 |  |
| Imports, raw and refined............... thous. sh. tons. | 5,054 | 2,616 | 90 | 520 | 167 | 133 | 164 | 219 | 140 | 238 | 333 | 139 | 242 | 193 | 339 |  |
| Prices, wholesale (New York): |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Raw........................................................................... Refined (excl. excise tax) | $\begin{aligned} & 0.198 \\ & 0.303 \end{aligned}$ | $\begin{aligned} & (4) \\ & (4) \end{aligned}$ | ${ }^{1}$ |  | .-......... | ${ }^{-1.1 . . . . . . . . . ~}$ | ..... |  |  |  |  |  |  |  |  |  |
| Tea, imports .......................................thous. lib. | 190,254 | 182,613 | 17,425 | 16,207 | 18,222 | 12,567 | 13,748 | 15,092 | 14,170 | 15,799 | 16,018 | 10,931 | 12,159 | 11,747 | 15,025 |  |
| TOBACCO |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production (crop estimate) ............................... mil. lb.. Stocks, dealers' and manufacturers', | '2,064 | 1,982 |  |  |  |  |  |  |  |  |  |  |  |  |  | ${ }^{51,384}$ |
|  | 575,255 | $\begin{array}{r} 5,371 \\ 562,260 \end{array}$ | 5, ${ }^{54,834}$ |  | 92,236 | $\begin{array}{r} 5,371 \\ 50,528 \end{array}$ |  | 38,339 | $\begin{array}{r} 5,299 \\ 45,9 \end{array}$ |  | 33,631 | $\begin{array}{r}4,990 \\ 32 \\ \hline\end{array}$ | 28,635 | 36,045 |  |  |
| Exports, incli scrap and stems ..................... do.... | ${ }_{335,920}$ | ${ }_{295,740}$ | 25,541 | 29,006 | 29,126 | 11,714 | ${ }_{23,898}$ | 19,565 | 23,013 | ${ }_{29,965}$ | 24,428 | 22,307 | 28,582 | 27,161 | ${ }_{21,462}^{26,48}$ | $\ldots$ |
| Manufactured: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Consumption (withdrawals): |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Ciaxexempt ................................... millions.. | 92,006 | 82,078 |  |  |  | 5,915 | 6,828 | 6,091 | 5,590 | 4,260 | 5,828 | 7,411 | 4,678 | 5,980 |  |  |
|  | $\begin{array}{r}638,114 \\ 3,258 \\ \hline\end{array}$ | 614,017 3,056 | 56,655 |  |  |  |  |  |  | ${ }^{47,466}$ |  |  | 42,985 | 54,516 |  | ${ }_{\text {............. }}$ |
|  | 82,582 | 73,585 | 5,894 | 6,734 | 6,144 | 5,589 | 5,614 | 5,811 | 4,249 | 4,319 | 4,687 | 6,119 | 4,671 | 4,608 | 5,318 |  |

## LEATHER AND PRODUCTS

| LEATHER |
| :---: |
| Exports: <br> Upper and lining leather $\qquad$ thous. sq. ft. |
| Price, producer: <br> Sole, bends, light $\qquad$ index, $1967=100$. <br> LEATHER MANUFACTURES |
| Footwear: <br> Production, total $\qquad$ thous. pairs. Shoes, sandals, and play shoes, except athletic thous pairs. |
|  |
| Exports........................................................ do.... |
| Prices, producer: * <br> Men's leather upper, dress and casual index, $12 / 80=100$. |
| Women's leather upper $\qquad$ index, $1967=100$.. Women's plastic upper $\qquad$ index, $12 / 80=100$. |

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline 192,193 \& 159,804 \& 10,417 \& 11,842 \& 9,726 \& 10,786 \& 11,052 \& 12,453 \& 15,078 \& 15,200 \& 13,492 \& 14,868 \& 12,013 \& 13,099 \& 12,715 \& ............ \\
\hline 380,383 \& 331,388 \& 28,943 \& 28,897 \& 26,320 \& 23,512 \& 27,831 \& 31,757 \& 31,470 \& 27,001 \& 29,970 \& 28,472 \& '22,528 \& 30,516 \& ............ \& \\
\hline 289,745 \& 247,047 \& 21,224 \& 20,697 \& 19,075 \& 18,231 \& 21,161 \& 24,423 \& 23,859 \& 20,702 \& 23,125 \& 22,139 \& '18,803 \& 23,529 \& \& \\
\hline 15,976 \& 16,637 \& \({ }_{1}^{1,392}\) \& 6,580 \& 1,334 \& 1,391 \& \begin{tabular}{l}
1,537 \\
\hline 1
\end{tabular} \& \(\underset{2,196}{ }\) \& \({ }_{1,888}\) \& 1,683 \& 1,669 \& 5,020
1,313 \& 3,021

7 \& 5,811
1,176 \& \& <br>
\hline 3,556 \& 4,030 \& 354 \& 394 \& 365 \& 267 \& 433 \& 447 \& 534 \& 561 \& 540 \& 446 \& 346 \& 308 \& ............ \& $\ldots$ <br>
\hline 9,688 \& 7,717 \& 595 \& 649 \& 635 \& 536 \& 497 \& 436 \& 637 \& 553 \& 486 \& 546 \& 520 \& 591 \& 506 \& <br>
\hline 103.1 \& 105.2 \& 106.4 \& 107.0 \& 107.0 \& 104.5 \& 105.2 \& 106.9 \& 106.6 \& 107.0 \& 104.6 \& ${ }^{1} 107.6$ \& 107.6 \& 107.8 \& 107.9 \& 107.9 <br>
\hline 214.4
99.6 \& 215.8
97.9 \& 220.0
99.7 \& $\begin{array}{r}221.8 \\ 99.8 \\ \hline\end{array}$ \& 221.8
99.8 \& ${ }^{221.8}$ \& 218.5
99.1 \& 219.5

98.8 \& $\begin{array}{r}1220.4 \\ 98.8 \\ \hline\end{array}$ \& \[
\left.$$
\begin{gathered}
224.3 \\
99.9
\end{gathered}
$$ \right\rvert\,

\] \& \[

$$
\begin{gathered}
224.6 \\
99.9
\end{gathered}
$$
\] \& r222.6

998 \& 121.6
100.9 \& 221.9
100.6 \& 224.4
102.2 \& 224.5
102.9 <br>
\hline
\end{tabular}

## LUMBER AND PRODUCTS



[^14]| Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS | 1981 | 1982 | 1982 |  |  |  | 1983 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Annual |  | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. |

LUMBER AND PRODUCTS-Continued

| SOFTWOODS-Continued |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Southern pine: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Orders, new. $\qquad$ mil. bd. ft. Orders, unfilled, end of period do.. | ${ }^{16,128}$ | $\begin{array}{r} 16,016 \\ 438 \end{array}$ | ${ }_{401}^{508}$ | $\begin{gathered} 687 \\ 438 \end{gathered}$ | $\begin{aligned} & 512 \\ & \hline 435 \end{aligned}$ | ${ }_{438}^{488}$ | ${ }_{476}^{590}$ | $\left.\begin{gathered} 486 \\ 486 \end{gathered} \right\rvert\,$ | $\begin{aligned} & 615 \\ & 528 \end{aligned}$ | $\begin{aligned} & 571 \\ & 529 \end{aligned}$ | $\begin{aligned} & 642 \\ & 556 \end{aligned}$ | $534$ | $546$ | 571 487 | …........ | . |
| Production ................................................. do... | ${ }^{16,143}$ | ${ }^{16,186}$ | 643 | 563 | 513 | 505 | 521 | 515 | $561$ | 550 | $584$ | $594$ | $\underset{\varepsilon}{570}$ | 598 |  |  |
| Stocks (gross), mill and concentration yards, end of period. mil. bd. ft | 1,284 | 1,474 | 1,464 | 1,456 | 1,454 | 1,474 | 1,444 | 1,483 | 1,471 | 1,451 | 1,419 | 1,434 | 1,449 | 1,461 |  |  |
| Exports, total sawmill products ........thous. bd. ft. | 227,020 | 245,221 | 22,926 | 19,908 | 22,203 | 20,273 | 19,753 | 18,314 | 18,375 | 21,244 | 21,552 | 16,511 | 15,832 | 12,346 | 20,057 |  |
| Prices, wholesale (inderes): <br> Boards, No. 2 and better, $1^{\prime \prime} \times 6^{n}$, R.L. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Western pine: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Orders, new. | 7,235 | 6,880 | 597 | 671 | 650 | 515 | 661 | 568 | 718 | 709 | 781 | 728 | 654 | 717 | 814 |  |
| Orders, unfilled, end of period ...................... do.... |  | 324 | 355 | 364 | 363 | 324 |  |  | 422 | 426 | 439 | 432 | 413 | 409 |  |  |
| Production $\qquad$ Shipments do... | $\begin{aligned} & 7,261 \\ & 7,342 \end{aligned}$ | $\begin{aligned} & 6,681 \\ & 6,775 \end{aligned}$ | $\begin{aligned} & 592 \\ & 578 \end{aligned}$ | $\begin{aligned} & 594 \\ & 664 \end{aligned}$ | $\begin{aligned} & 587 \\ & 651 \end{aligned}$ | $\begin{aligned} & 495 \\ & 554 \end{aligned}$ | $\begin{aligned} & 601 \\ & 595 \end{aligned}$ | $\begin{aligned} & 636 \\ & 569 \\ & 569 \end{aligned}$ | $\begin{aligned} & 710 \\ & 685 \end{aligned}$ | $\begin{aligned} & 713 \\ & 705 \end{aligned}$ | $\begin{aligned} & 722 \\ & 768 \end{aligned}$ | $\begin{aligned} & 767 \\ & 735 \end{aligned}$ | $\begin{aligned} & 705 \\ & 673 \end{aligned}$ | $784$ | $\begin{aligned} & 789 \\ & 779 \end{aligned}$ | ............ |
| Stocks (gross), mill, end of period ................. do.... | 1,104 | 1,055 | 1,246 | 1,178 | 1,114 | 1,055 | 1,061 | 1,128 | 1,153 | 1,161 | 1,115 | 1,147 | 1,179 | 1,242 | 1,252 |  |
| Price, wholesale, Ponderosa, boards, No. 3, <br> 1" $\times 12$ ", R.L. ( 6 ' and over)........ \$ per M bd. ft |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| HARDWOOD FLOORING |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Orders, unfilled, end of period mil bd ft |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Orders, unfilled, end of period ........................... d | 2.8 83.1 | 4.8 75.0 | 2.7 7.3 | ${ }_{6.7}^{2.8}$ | 3.4 <br> 6.3 | 4.48 | 6.7 <br> 8.0 <br> 8 | 6.4 6.5 | 6.5 8.7 | 6.4 8.5 | 6.5 8.4 | 7.5 9.0 | 6.7 7.1 | 6.8 8.9 | 6.0 8.8 | 7.3 9.0 |
| Stocks (gross), mill, end of period ................ do... | 10.1 | 12.0 | 10.4 | 10.6 | 10.9 | 12.0 | 9.3 | 8.7 | 88.4 | ${ }_{7.3}^{8.5}$ | 8.4 6.4 |  | 5.4 | ${ }_{5} 8.3$ |  |  |
|  |  |  | TAL | AN |  | NU | AC | URE |  |  |  |  |  |  |  |  |
| IRON AND STEEL |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Exports: <br> Steel mill products <br> thous. sh. tons |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 2,904 6,415 | 1,842 <br> 6,804 | ${ }_{607}^{158}$ | 133 <br> 434 | 109 620 | ${ }^{97}$ | 95 625 |  | 89 563 | 106 | 688 | ${ }_{805}^{100}$ | 108 |  | 729 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Imports: Steel mill products |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 19,898 | $\begin{array}{r}16,663 \\ 474 \\ \hline\end{array}$ | 1,191 <br> 37 | $\begin{array}{r}1,146 \\ \hline 5 \\ \hline 1\end{array}$ | 1,258 38 18 | 1,090 27 | 1,098 35 | 1,158 29 | 1,113 78 | 1,182 58 | $\begin{array}{r}1,353 \\ 63 \\ \hline 1\end{array}$ | 1,297 | 1,411 | $\begin{array}{r}1,617 \\ 42 \\ \hline\end{array}$ | 1,512 |  |
| Pig iron .................................................. do... | 433 | 322 | 14 | 41 | 11 | 13 | 5 | 7 | 1 | 1 | 25 | 39 | 3 |  | 16 | $\cdots$ |
| Iron and Steel Scrap |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production................................. thous. sh. tons. | ${ }^{1} 43,260$ | 27,127 | 2,078 | 1,975 | 1,924 | 1.687 | 1,832 | 1,877 |  | 2,247 |  | 2,286 | ${ }^{2} 2,181$ | 2,607 |  |  |
|  | -141981 | ${ }^{2} \times 27,520$ | 2,106 | 1,134 <br> 4 <br> 4 <br> 126 | 1,773 | ${ }_{1}^{1,855}$ | ${ }_{2}^{2,223}$ | 2,488 4,396 | -2,913 | ${ }_{5}^{2,723}$ | 2,817 | 2,859 5 5 5098 |  | 2,369 | . | . |
|  | ${ }^{18,097}$ | -56,386 | 4,954 | 4,226 6,628 | 3,757 $\mathbf{6 , 4 7 9}$ | 3,611 6,421 | ${ }_{6,143}^{4,257}$ | 4,396 <br> 6.069 | 5,157 6,117 | 5,029 5,969 | 5,233 5,905 | 5,998 5,920 | 4,762 6,000 | 5,001 6,017 |  | $\ldots$ |
| Prices, steel scrap, No. 1 heavy melting. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Composite ............................... \$ per lg. ton.. | 90.17 | 61.51 | 53.48 | 52.32 | 48.94 | 48.61 | 55.19 | 61.13 | 70.50 | 68.64 | 60.00 | 66.21 | 67.03 | 70.21 |  |  |
| Pittsburgh district ............................... do... | 100.50 | 66.71 | 58.00 | 55.00 | 51.50 | 51.50 | 62.50 | 68.00 | 79.00 | 77.00 | 67.50 | 72.50 | 74.50 | 79.50 | 88.50 | 82.50 |
| Ore |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Iron ore (operations in all US. districts): |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mine production...........-.-....... thous. lg. tons.. | 173,174 ${ }^{172181}$ |  | $\begin{array}{r}744 \\ 3943 \\ \hline 1\end{array}$ | 1,470 | 1,728 | 2,365 1,569 | 2,463 | 1,970 | 2,314 | 3,165 2876 | 3,991 | 4,260 | 4,034 | 4,034 |  |  |
| Imports................................................................. | -28,328 | -14,501 | 1,424 | 1,161 1,395 | 3,065 | 1,569 | $\stackrel{393}{463}$ | 622 320 | $\stackrel{4}{206}$ | +2,867 | 1,245 | 5,411 | 1,556 | 1,448 | 1,035 | -........... |
| U.S. and foreign ores and ore agglomerates: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Receipts at iron and steel plants .............. do... | 96,645 | 49,872 | 5,361 | 4,368 | 3,395 | 2,655 | 674 | 646 | 1,268 | 3,852 | 6,729 | 6,992 |  | 6,209 |  |  |
| Consumption at iron and steel plants .......... do. <br> Exports (domestic) | ${ }^{94,958} 5$ | 55,233 3,178 | +4,249 | 4,192 | $\begin{array}{r}3,664 \\ \hline 886\end{array}$ | 3,565 235 | ${ }_{(2)}^{3,882}$ | 3,978 2 |  | 5,406 | 5,560 | ${ }_{\text {(2) }}^{5,267}$ | ${ }_{(2,449}^{5,4}$ | 5,272 | ${ }_{(2,171}$ | ........... |
| Stocks, total, end of period ...................... do... | 60,243 | 52,621 | 55,774 | 54,480 | 52,647 | 52,621 | 45,534 | 42,624 | 39,615 | 37,498 | 37,192 | 37,385 | 36,951 | 35,312 |  |  |
| At mines......................................... do.... | 12,734 | 16,948 | 19,042 | 17,423 | 16,098 | 16,948 | 12,997 | 14,345 | 16,184 | 16,495 | 15,163 | 13,832 | 11,647 | 10,093 | . | $\ldots$ |
| At furnace yards .................................. do.... | 36,203 6.571 | ${ }_{5}^{29.923}$ | 31,326 | 31,501 | 30,953 | 29,923 | 26,896 | 2,994 | 18,909 | 17,292 | ${ }^{18,534}$ | 20,508 | 22,332 | 22,187 |  | $\ldots$ |
| At U.S. docks ........................................ do.... | 6,571 | 5,750 | 5,406 | 5,556 | 5,596 | 5,750 | 5,641 | 5,375 | 4,522 | 3,711 | 3,495 | 3,045 | 2,972 | 3,032 |  |  |
| Manganese (mn. content), general imports ........ do.... <br> Pig Iron and Iron Products | 775 | 477 | 14 | 25 | 32 | 15 | 61 | 29 | 37 | 20 | 38 | 45 | 50 | 28 | 46 | ............ |
| Pig iron: <br> Production (including production of ferroalloys) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| thous. sh. tons. | ${ }^{173,570}$ | 143,136 $\mathrm{r} 4,109$ | 3.160 | 3,077 | ${ }^{2,648}$ | 2,712 | 3,192 | 3,264 | 4,206 | 4,333 | 4,376 | 4,990 | 4,213 | 4,245 | 4,159 |  |
| Consumption <br> Stocks, end of period $\qquad$ do. | '75,040 | $\begin{array}{r}\text { r144,409 } \\ \hline 880\end{array}$ | ${ }^{3} \mathbf{3} \mathbf{2 6 1}$ | 3,201 6 | 2,837 | 2,883 | - ${ }^{3,266}$ | 3,175 <br> 641 | 4,260 627 | 4,336 <br> 625 | 4,480 637 | 4,214 | $\begin{array}{r} 4,303 \\ 591 \end{array}$ |  |  | $\ldots$ |
| Price, basic furnace........................ $\$$ per sh. ton. | 06.00 |  | 213.00 |  |  |  |  |  |  |  |  |  |  |  |  | $\ldots$ |
| Castings, gray and ductile iron: Orders, unfilled, for sale, end of period |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Stipments total thous. sh. tons.. |  | 536 | 575 | 505 | 521 | 536 | 570 | 586 | 551 | 545 | 548 | 572 | $\checkmark 609$ | 632 |  |  |
| Shipments, total $\qquad$ do | 11,801 6,587 | 8,222 4,681 | 631 369 | 618 351 | ${ }_{334}^{584}$ | ${ }_{266}^{450}$ | ${ }_{366}^{625}$ | 662 377 | 813 452 | 759 446 | 818 484 | 810 477 | $\begin{array}{r}\text { r } \\ \hline 1707 \\ \hline 17\end{array}$ | 870 527 | $\cdots$ | $\ldots$ |
| Castings, malleable iron: Orders, unfilled, for sale, end of period |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments total thous, sh. tons. | ${ }_{42}$ | ${ }^{14}$ | ${ }_{22}^{15}$ | 13 19 | 13 | 14 | 17 | ${ }_{23}^{16}$ | ${ }_{27}^{19}$ | ${ }_{24}^{23}$ | 15 | ${ }_{24}^{16}$ | 19 19 | ${ }_{23}^{23}$ |  |  |
| Shipments, total......................................... do.... | ${ }_{200}$ | ${ }_{120}^{285}$ | 22 | 19 | ${ }_{7} 1$ | 18 | ${ }_{7}^{21}$ | 2 | 19 9 |  | ${ }_{9}$ | 24 |  |  |  | ........ |

[^15]| Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS | 1981 | 1982 | 1982 |  |  |  | 1983 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Annual |  | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. |

METALS AND MANUFACTURES-Continued


Aluminum:
Production, primary (dom. and foreign ores)
Recovery from scrap $\dagger$.................................... do
Imports (general):
Metal and alloys, crude
Exports:
Metal and alloys, crude
Plates, sheets, bars, etc.......................................... do. do.
Price, primary ingot, $99.5 \%$ minimum .... $\$$ per lb
Aluminum products:


Inventories, total (ingot, mill products, and
scrap), end of period .................................
Copper:
Production:
Mine, recoverable copper............................... do
Refinery, primary .................... From domestic ores
From foreign ores
Secondary, recovered
Secondary, re
Imports (general):
Refined, unrenned,
scrap (copper cont.) .........................................................................................................
Refined
Exports:
Refined and scrap $\qquad$ do....
Consumption, refined
(by mills, etc.) ......................thous. sh. tons..
Stocks, refined, end of period...........................
Stocks, refined, end of period................. delivered
Price, electrolytic (wirebars), dom., der
See footnotes at end of tables.



| Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS | 1981 | 1982 | 1982 |  |  |  | 1983 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Annual |  | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. |

PETROLEUM, COAL, AND PRODUCTS

| COAL |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Anthracite: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production..................................... thous. sh. tons.. | 5,423 | ${ }^{\mathbf{4}} \mathbf{4} \mathbf{5 8 8}$ | ${ }^{\text {r }} 348$ | ${ }^{\text {r }} 375$ | ${ }^{\text {r }} 373$ | ${ }^{1} 410$ | 253 | 230 | 333 | '269 | r277 | ${ }^{\text {r }} 332$ | 358 | 449 | 433 | ............. |
|  | 5882.2 | 640.3 | 637.4 | 637.4 | 638.0 | 638.0 | 636.0 | 635.9 | 30 634.2 | 621.7 | 603.1 | 605.1 | 613.3 | 610.4 | 610.4 | 610.4 |
| Bituminous: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production $\dagger$................................ thous. sh. tons. | 818,352 | -833,523 | ${ }^{\text {r } 67,603}$ | '70,477 | ${ }^{\text {r }} 63,682$ | r62,726 | 61,850 | 60,257 | 68,128 | r60,361 | ${ }^{\text {r } 62,703 ~}$ | '61,991 | 56,110 | 72,524 | 69,949 |  |
| Consumption, total ...................................... do | 728,543 | 703,561 | 56,491 | 54,764 | 56,529 | 59,881 | 62,872 | 54,353 | 55,153 | 52,543 | 54,138 | 58,123 |  |  |  |  |
| Electric power utilities ............................... do... | 595,575 | 592,591 | 48,348 | 46,248 | 47,699 | 50,814 | 53,279 | 45,699 | 46,965 | 43,497 | 45,586 | 50,274 | 60,301 | 64,079 |  |  |
| Industrial, total ...................................... do.... | 127,527 60,888 | 104,372 40859 | 7,634 | 7,996 | 8,135 | 8,224 | 8,733 | 8,114 | 7,737 | 8,544 | 8,248 | 7,609 |  |  |  |  |
| Coke plants (oven and beehive) ............... do.... |  | 40,859 |  | 2,755 | 2,691 | 2,586 | 2,810 | 2,740 | 2,565 | 3,204 | 3,143 | 2,732 |  |  |  |  |
| Residential and commercial ....................... do.... | 5,440 | 6,598 | 509 | 520 | 695 | 843 | 860 | 540 | 451 | 502 | 304 | 240 |  |  |  |  |
| Stocks, end of period, total ........................... do.... | ${ }^{1} 179,607$ | 189,085 | 183,991 | 189,028 | 190,551 | 189,085 | 184,936 | 184,595 | 185,308 | 187,208 | 190,767 | 190,742 |  |  |  |  |
| Electric power utilities .............................. do... | 163,356 | 175,053 | 169,329 | 174,579 | 176,308 | 175,053 | 171,725 | 172,205 | 173,740 | 175,251 | 178,422 | 178,006 | 162,277 | 155,708 | ............. |  |
| Industrial, total ........................................ do... | 16,251 | 14,032 | 14,662 | 14,449 | 14,243 | 14,032 | 13,211 | 12,390 | 11,568 | 11,957 | 12,345 | 12,736 |  |  |  |  |
| Oven-coke plants .................................... do.... | 6,446 | 4,625 | 5,422 | 5,157 | 4,892 | 4,625 | 4,323 | 4,021 | 3,718 | 4,080 | 4,442 | 4,805 |  |  |  |  |
| Exports....................................................... do.... | 110,243 | 105,244 | 8,603 | 9,850 | 7,700 | 6,020 | 4,465 | 4,376 | 6,258 | 6,077 | 6,877 | 7,231 | 6,043 | 8,251 | 7,393 |  |
| Price, wholesale ......................... Index, 1967 = 100.. | 493.7 | 530.4 | 534.4 | 533.9 | 535.5 | 534.6 | 531.5 | 529.2 | 534.6 | 534.3 | 532.0 | r530.8 | 532.0 | 530.6 | 532.8 | 533.3 |
| COKE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Beehive and oven (byproduct) ...... thous. sh. tons.. | 42,786 | 28,115 | 6,270 |  |  | 5,509 |  |  | 5,579 |  |  | 6,451 |  |  |  |  |
| Petroleum coke §.......................................... do.... | 28,486 | 29,908 | 2,438 | 2,452 | 2,540 | 2,670 | 2,528 | 2,218 | 2,404 | 2,284 | 2,611 | 2,580 | 2,649 | 2,735 |  |  |
| Stocks, end of period: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Oven-coke plants, total ................................. do.... | 6,724 | 8,190 | 7,969 | ......... | $\ldots$ | 8,190 |  |  | 5,781 |  |  | 4,569 |  |  |  |  |
| At furnace plants....................................... do.... | 6,320 | 7,858 | 7,639 | .......... | ........... | 7,858 |  |  | 5,469 |  |  | 4,220 |  |  |  | ................ |
| At merchant plants .................................. do.... | 403 | 331 | 330 |  |  | 331 |  |  | 312 |  |  | 348 |  |  | ............... |  |
| Petroleum coke $\ddagger$.......................................... do... | 900 | 1,344 | 1,244 | 1,170 | 1,338 | 1,344 | 1,407 | 1,379 | 1,317 | 1,324 | 1,390 | 1,230 | 963 | 891 | ............... | ............... |
| Exports.......................................................... do... | 1,251 | 1,109 | 141 | 62 | 66 | 34 | 66 | 51 | 37 | 99 | 72 | 41 | 248 | 32 | 45 |  |
| PETROLEUM AND PRODUCTS |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Crude petroleum: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Oil wells completed ................................. number.. | 37,684 | ${ }^{\text {r }} 40,306$ | 3,363 | ${ }^{2} 2,833$ | 3,282 | 4,090 | 2,381 | 2,899 | 3,462 | 3,028 | 3,186 | 3,514 | 2,683 | 2,641 | 3,733 | 2,970 |
| Price, wholesale ....................... Index, $1967=100$. | 803.5 | 733.4 | 718.3 | 735.3 | 733.6 | 720.0 | 719.7 | 692.9 | 678.0 | 678.0 | 678.0 | '677.9 | 676.1 | 675.5 | 676.1 | 676.1 |
| Gross input to crude oil distillation units |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Refinery operating ratio ................... \% of capacity.. | $\begin{array}{r}4,684.2 \\ \hline 69\end{array}$ | $\begin{array}{r}4,442.6 \\ \hline\end{array}$ | ${ }^{3} 4$ | 71 | $\begin{array}{r} 64.4 \\ 71 \end{array}$ | 368.8 70 | $\begin{array}{r} 354.1 \\ 68 \end{array}$ | $\begin{array}{r} 308.0 \\ 65 \end{array}$ | $\begin{array}{r} 344.7 \\ 66 \end{array}$ | $\begin{array}{r} 349.9 \\ 69 \end{array}$ |  | $\begin{array}{r} 378.2 \\ 75 \end{array}$ | 75 | $\begin{array}{r} 382.0 \\ 74 \end{array}$ | …........... |  |
| All oils, supply, demand, and stocks: $\ddagger$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| New supply, total 0 -...............................mil. bbl.. | 5,922.5 | 5,608.2 | 470.8 | 483.8 | 483.1 | 461.3 | 456.6 | 391.7 | 430.5 | 449.2 | 469.0 | 464.4 | 493.7 | 505.1 |  |  |
| Production: Crude petroleum ............................................... |  |  |  | 269.7 |  |  |  |  |  |  |  |  |  |  |  |  |
| Natural gas plant liquids .............................. do..... | 605.5 | 585.1 | 47.3 | 49.5 | 49.9 | 52.0 | 267.7 | 242.5 | 269.0 | 260.6 46.3 | 269.2 48.0 | 260.3 | 268.0 | 268.2 |  |  |
| Imports: |  |  |  |  |  |  |  |  | 49.0 | 46.3 | 48.0 | 47.6 | 49.3 | 49.7 |  |  |
| Crude and unfinished oils ....................... do.... | 1,654.2 | 1,352.4 | 115.5 | 120.3 | 122.8 | 100.7 | 97.4 | 68.7 | 75.1 | 102.7 | 108.4 | 114.8 | 128.3 | 138.2 |  |  |
| Refined products .................................... do.... | 534.2 | 514.0 | 47.0 | 44.2 | 49.6 | 42.0 | 38.2 | 34.6 | 37.4 | 39.6 | 43.4 | 41.7 | 48.1 | 49.0 |  |  |
| Change in stocks, all oils (decrease,-)........... do.... | 63.4 | -53.7 | 5.5 | 18.5 | 22.8 | -25.3 | 22.9 | -20.9 | -56.4 | 0.2 | 21.4 | 12.1 | 24.9 | 33.2 |  |  |
| Demand, total.............................................. do.... | 6,078.1 | 5,880.4 | 474.4 | 489.5 | 473.5 | 506.8 | 487.9 | 437.8 | 504.8 | 467.6 | 468.0 | 481.6 | 480.0 | 496.9 | ............ |  |
| Exports: ${ }^{\text {Crude petroleum ................................. d }}$ | 83.2 | 86.3 | 5.5 | 8.4 | 79 |  |  |  |  |  |  |  |  |  |  |  |
| Refined products ............................................... do..... | 133.9 | 211.2 | 18.2 | 20.5 | 15.7 | 20.7 | $\begin{array}{r} 36.5 \\ 26.5 \end{array}$ | $16.9$ | $\begin{array}{r} 5.4 \\ 19.4 \end{array}$ | $\begin{array}{r} 2.6 \\ 21.6 \end{array}$ | $\begin{array}{r} 8.7 \\ 17.6 \end{array}$ | [18.9 |  | 15.2 |  |  |


| Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS | 1981 | 1982 | 1982 |  |  |  | 1983 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Annual |  | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. |

## PETROLEUM, COAL, AND PRODUCTS-Continued




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PULP, PAPER, AND PAPER PRODUCTS


See footnotes at end of tables.


| Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS | 1981 | 1982 | 1982 |  |  |  | 1983 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Annual |  | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. |

PULP, PAPER, AND PAPER PRODUCTS-Continued

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline PAPER AND PAPER PRODUCTS \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline er and board: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline All grades, total, unadjusted...... thous. sh. tons.. \& 66,440 \& (3) \& \& \& \& \& \& \& \& \& ............ \& \& \(\ldots\) \& \(\ldots\) \& ........... \& .......... \\
\hline  \& 311,582 \& (8) \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline Wet-machine board .-...*) \& \({ }^{160}\) \& (s) \& \(\cdots\) \& \({ }^{\circ}\) \& \(\ldots\) \& \(\cdots\) \& \(\cdots\) \& \(\cdots\) \& \({ }^{\text {a }}\) \& . \& \(\ldots\) \& \(\ldots\) \& \(\ldots\) \& \(\cdots\) \& \(\cdots\) \& ...... \\
\hline Construction paper and board ................ do.... \& 3,847 \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline Producer price indexes: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline Paperboard ................................1967 196 \& \({ }_{2317}^{258.1}\) \& \(\stackrel{254.9}{ }\) \& 250.7
243.4 \& \({ }_{2}^{248.0}\) \& \({ }_{2410}^{2476}\) \& \({ }_{2420}^{24.1}\) \& \({ }_{2415}^{243}\) \& \({ }_{241.4}^{24.1}\) \& 246.3 \& 248.1
247 \& \({ }_{2493}^{248}\) \& \({ }^{2} 2496\) \& \({ }_{2}^{295.5}\) \& \({ }_{2521}^{250.4}\) \& \({ }_{2528}^{2528}\) \& \({ }_{2547}^{255.5}\) \\
\hline Bulur paper and board \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline Selected types of paper (API): Groundwood paper, uncoated: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline Orders, new -.................... thous. sh. tons. \& \({ }^{1} 1,449\) \& \({ }^{1,469}\) \& 125 \& 131 \& 121 \& 108 \& 122 \& 103 \& 128 \& 122 \& 126 \& 131 \& 135 \& \({ }^{1} 162\) \& 125 \& \\
\hline Orders, \({ }^{\text {anfiled, end of period .................. do... }}\) Shipments \& \& \& 104 \& 99 \& 93 \& 91 \& \& 100 \& 106 \& 101 \& 94 \& 99 \& 114 \& 145 \& 145 \& \\
\hline Shipments .............................................. do \& \({ }^{1} 1,463\) \& \({ }^{1} 1,459\) \& 121 \& 139 \& 126 \& 112 \& 115 \& 108 \& 123 \& 127 \& 129 \& 128 \& 118 \& \({ }^{127}\) \& 126 \& .... \\
\hline Coated paper: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline Orders, new Orders , unfiled, end................. \& \begin{tabular}{l}
14,853 \\
\hline 360
\end{tabular} \& \(\begin{array}{r}\text { 14,998 } \\ \hline 325\end{array}\) \& 407
285 \& \({ }_{282}^{446}\) \& \begin{tabular}{l}
415 \\
308 \\
\hline
\end{tabular} \& \({ }_{325}^{412}\) \& \begin{tabular}{l}
444 \\
319 \\
\hline
\end{tabular} \& 412 \& \({ }_{342}^{499}\) \& 439
332 \& \begin{tabular}{l}
509 \\
398 \\
\hline
\end{tabular} \& \begin{tabular}{l}
543 \\
457 \\
\hline
\end{tabular} \& \begin{tabular}{l}
\(\mathrm{r}_{4} 99\) \\
\(\mathrm{r}_{5} \mathbf{4}\) \\
\hline
\end{tabular} \& \(\begin{array}{r}\text { r556 } \\ \\ \hline 528 \\ \hline 8\end{array}\) \& \begin{tabular}{l}
441 \\
502 \\
\hline
\end{tabular} \& \\
\hline  \& 4,960
4,940 \& 5,032 \& \({ }_{433}^{285}\) \& \({ }_{447}^{282}\) \& 308
433 \& \({ }_{398}^{325}\) \& 319
442 \& \({ }_{427}^{307}\) \& 342
460 \& \({ }_{447}^{332}\) \& \({ }_{468}\) \& 481 \& 453 \& [528 \& 469 \& \\
\hline Uncoated free sheet papers: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline Orders, new \(\qquad\) do... \& \[
\begin{gathered}
1,7,735 \\
18,234
\end{gathered}
\] \& \[
\begin{aligned}
\& 17,820 \\
\& { }_{18}^{8,187}
\end{aligned}
\] \& 640
684 \& \({ }_{716}^{684}\) \& 656
695 \& 642
649 \& 704
735 \& 686
682 \& \begin{tabular}{l}
83 \\
805 \\
\hline
\end{tabular} \& 743
759 \& 751
762 \& \({ }_{762}^{74}\) \& 775
7676 \& 777

782 \& ${ }_{724}^{696}$ \& <br>
\hline Unbleached kraft packaging and industrial converting papers: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Shipments ............................. thous. sh. tons.. \& ${ }^{13,880}$ \& '3,688 \& 296 \& 315 \& 327 \& 280 \& 330 \& 308 \& 316 \& 291 \& 304 \& 312 \& 287 \& '349 \& 335 \& <br>
\hline Tissue paper, production .............................. \& ${ }^{14,518}$ \& ${ }^{14,438}$ \& 359 \& 387 \& 383 \& 372 \& 388 \& 374 \& 399 \& 397 \& 410 \& 392 \& 385 \& ${ }^{4} 21$ \& 385 \& <br>
\hline Newsprint: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Production ..................... thous. metric ton \& 88946 \& 8,117 \& 557 \& 698 \& 657 \& 599 \& 685 \& 653 \& 680 \& 695 \& 724 \& 727 \& 699 \& 726 \& 707 \& <br>
\hline Shipments from mills \& $\begin{array}{r}8,915 \\ \hline 194\end{array}$ \& $\begin{array}{r}8,074 \\ \hline 250\end{array}$ \& 601
403 \& 684

417 \& | 691 |
| :---: |
| 395 | \& 744

250 \& ${ }_{331}^{604}$ \& 605
380 \& 676
384 \& $\begin{array}{r}713 \\ 366 \\ \hline\end{array}$ \& 683
407 \& 796
339 \& 679

359 \& \begin{tabular}{|}
696 <br>
388

 \& 

737 <br>
358 <br>
\hline
\end{tabular} \& <br>

\hline United States: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Production ........................................... do... \& 4,753 \& 4,574 \& ${ }^{353}$ \& 406 \& 373 \& 330 \& 403 \& 378 \& 406 \& 364 \& 399 \& 372 \& 378 \& ${ }^{416}$ \& 376 \& <br>
\hline Stocks at mills, end of period ....................... do. \& ${ }^{48}{ }^{4,735}$ \& \& 353
110 \& 118 \& 389
102 \& $\begin{array}{r}346 \\ 86 \\ \hline\end{array}$ \& 370
119 \& 350
147 \& 399

159 \& ${ }_{161}$ \& | 404 |
| :--- |
| 156 | \& ${ }_{133}$ \& 116 \& ${ }_{118}^{415}$ \& 1374 \& <br>

\hline Consumption by publishers $\diamond$. \& 10,165 \& 10,115 \& 836 \& 928 \& 893 \& 908 \& 807 \& 768 \& 880 \& 879 \& 919 \& 859 \& ${ }^{1816}$ \& ${ }^{1846}$ \& 870 \& <br>

\hline Stocks at and in transit to publishers, end of period ................................ thous. metric tons. \& 961 \& \& 898 \& \& \& \& \& \& $$
151
$$ \& \& \& 809 \& 26 \& ${ }^{\text {r }} 849$ \& 820 \& <br>

\hline Imports. \& 6,977 \& 6,531 \& 489 \& 587 \& 567 \& 498 \& 545 \& 433 \& 620 \& 538 \& 599 \& 659 \& 538 \& 584 \& 543 \& <br>
\hline Price, rolls, contract, f.o.b. mill, freight allowed or delivered Index, $1967=100$ \& ${ }^{3} 308.0$ \& ${ }^{\text {r3 }} 315.8$ \& 318.4 \& 318.4 \& 299.8 \& 299.8 \& 299.1 \& 299.1 \& 299.1 \& 299.1 \& 299. \& 299 \& 306 \& 305 \& 309.6 \& 309 <br>
\hline \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Shipping containers, corrugated and solid fiber shipments............................ mil. sq. ft. surf. area. \& 246,152 \& 234,846 \& '20,650 \& 21,064 \& 19,043 \& 17,540 \& 19,980 \& 18,715 \& 21,891 \& 20,466 \& 20,777 \& 22,044 \& 19,582 \& 22,649 \& 22,317 \& <br>
\hline lding paper boxes, shipments.... thous. \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline iil. $\$$. \& $\ldots$ \& \& \& -.......... \& .-......... \& - \& …....... \& .-......... \& .-......... \& ............ \& ............ \& ........... \& ............ \& \& ............ \& <br>
\hline
\end{tabular}

RUBBER AND RUBBER PRODUCTS

| RUBBER |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Natural rubber: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Consumption.......................... thous. metric tons.. | 634.67 | 660.60 | 48.75 | 53.27 | 48.87 | 56.01 | 64.50 | 44.53 | 55.28 | 55.31 | 56.86 | 67.04 | 48.79 |  |  |  |
| Stocks, end of period .................................. do... | 142.43 | 95.42 | 88.99 | 90.21 | 95.38 | 95.42 | 91.77 | 95.02 | 87.35 | 93.77 | 100.01 | 97.86 | 99.18 | ............ |  | ............. |
| Imports, incl. latex and guayule ....thous. Ig. tons.. | 662.41 | 618.27 | 40.60 | 54.36 | 51.37 | 49.45 | 33.01 | 49.63 | 48.54 | 62.11 | 63.44 | 65.20 | 50.41 | 31.90 | 44.22 |  |
| Price, wholesale, smoked sheets (N.Y.)... \$ per lb.. | ${ }^{4} 0.576$ | 0.453 | 0.445 | 0.426 | 0.421 | 0.418 | 0.440 | 0.485 | 0.578 | 0.578 | 0.568 | 0.545 | 0.583 | 0.593 | 0.605 | 0.605 |
| Synthetic rubber: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Production.............................. thous. metric tons.. | 2,021.45 | 1,831.78 | 147.89 | 154.37 | 122.37 | 116.51 | 155.16 | 153.86 | 170.06 | 160.46 | 171.13 | 164.50 | 154.64 |  |  |  |
| Consumption................................................. do... | 1,889.71 | 1,744.83 | 158.14 | 131.00 | 136.82 | 136.06 | 131.70 | 140.22 | 158.19 | 146.32 | 146.22 | 156.68 | 135.85 |  |  |  |
| Stocks, end of period .................................. do.... | 349.02 | 269.66 | 304.27 | 318.80 | 294.56 | 269.66 | 280.97 | 284.76 | 283.54 | 283.84 | 294.34 | 290.82 | 304.77 |  |  |  |
| Exports (Bu. of Census) $\qquad$ thous. lg. tons.. TIRES AND TUBES | 334.63 | 284.62 | 22.83 | 21.13 | 20.47 | 18.86 | 20.24 | 18.61 | 24.44 | 24.91 | 31.66 | 24.37 | 20.15 | 21.08 | 22.01 |  |
| Pneumatic casings, automotive: <br> Production. $\qquad$ thous. | ${ }^{1} 181,762$ | ${ }^{1} 178,500$ | 15,528 | 15,381 | 13,585 | 13,972 | 15,497 | 14,992 | 15,370 | 16,325 | 15,653 | 15,473 | 12,570 |  |  |  |
| Shipments, total $\qquad$ do.. <br> Original equipment do.. | 201,105 41711 | 201,236 | 18,938 | 17,851 | 15,325 | 14,521 | 14,102 | 15,038 | 18,034 | 17,782 | 18,907 | 20,431 | 17,879 | ............ |  |  |
| Original equipment ..................................................... ${ }^{\text {do }}$ | 153,716 | 158,688 | 15,583 | 14,605 | 12,337 | 10,606 | 11,263 | 11,031 | 13,353 | 13,185 | 14,202 | 15,586 | 14,354 |  |  |  |
| Exports...................................................... do... | 5,678 | 3,915 | ${ }^{1533}$ | - 327 | ${ }^{1236}$ | , 397 | '381 | ${ }^{3} \mathbf{3} 6$ | 499 | ${ }^{1354}$ | ${ }^{419}$ | 384 | 285 |  |  |  |
| Stocks, end of period .................................. do... | 40,863 | 39,955 | 38,685 | 38,116 | 38,436 | 39,955 | 43,839 | 45,483 | 50,287 | 51,921 | 42,395 | 39,622 | 36,989 |  |  |  |
| Exports (Bu. of Census) ................................ do... | 11,088 | 5,971 | 385 | 489 | 377 | 474 | 308 | 352 | 424 | 392 | 436 | 306 | 270 | 360 | 447 |  |
| Inner tubes, automotive: <br> Exports (Bu. of Census) $\qquad$ do... | 3,428 | 1,924 | 201 | 192 | 162 | 113 | 174 | 72 | 157 | 134 | 138 | 193 | 100 | 147 | 169 |  |

See footnotes at end of tables.


TEXTILE PRODUCTS


See footnotes at end of tables.

| Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS | 1981 | 1982 | 1982 |  |  |  | 1983 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Annual |  | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. |

TEXTILE PRODUCTS-Continued

\begin{tabular}{|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|c|}
\hline \begin{tabular}{l}
COTTON AND MANUFACTURES-Cont. \\
Cotton (excluding linters)-Continued
\end{tabular} \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline  \& 8,021 \& 6,079 \& 351 \& 293 \& 382 \& 377 \& 438 \& 368 \& 487 \& 612 \& 464 \& 831 \& 409 \& 383 \& 322 \& \\
\hline Imports......................... thous. net-weight bales §.. \& 17 \& 39 \& 10 \& \& \& \(\left({ }^{6}\right)\) \& \& \(\left({ }^{6}\right)\) \& \& \({ }^{6}{ }^{6}\) \& \({ }^{\text {c }}\) ) \& \({ }^{6}\) ) \& \& 2 \& \& \\
\hline Price (farm), American upland ( ...... cents per lb.. \& 54.0 \& 57.6 \& 55.5 \& 59.8 \& 59.9 \& 57.3 \& 56.0 \& 56.4 \& 59.9 \& 59.7 \& 61.7 \& 61.1 \& 64.6 \& 66.3 \& '63.1 \& P64.7 \\
\hline \begin{tabular}{l}
Price, Strict Low Middling, Grade 41, staple 34 \\
( \(1-1 / 16^{n}\) ), average 10 markets .......... cents per lb.
\end{tabular} \& \({ }^{3} 83.0\) \& \({ }^{\text {s }} 60.5\) \& 59.0 \& 58.6 \& 58.2 \& 59.6 \& 60.2 \& 61.7 \& 66.0 \& 65.3 \& 66.9 \& 70.7 \& 70.3 \& 72.9 \& \& \\
\hline Spindle activity (cotton system \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \\
\hline Active spindles, last working day, total ...........mil. \& 15.4 \& 14.2 \& 14.5 \& 14.4 \& 14.3 \& 14.2 \& 14.3 \& 14.3 \& 14.4 \& 14.0 \& 14.2 \& 14.2 \& \({ }^{1} 13.8\) \& 14.0 \& \& \\
\hline Consuming 100 percent cotton ................... do... \& 5.5 \& 5.3 \& 5.3 \& 5.3 \& 5.2 \& 5.3 \& 5.3 \& 5.3 \& 5.3 \& 5.3 \& 5.3 \& 5.3 \& 5.2 \& 5.2 \& 5.2 \& \\
\hline Spindle hours operated, all fibers, total ........... bil..
Average per working day ................. do... \& 91.8 \& 61.7 \& \({ }^{4} 7.7\) \& 6.6 \& 6.2 \& 6.7 \& 6.4 \& 6.8 \& 9.4 \& 6.8 \& 7.1 \& 8.6 \& '5.9 \& 7.4 \& \& \\
\hline Average per working day ...................... do........... \& 0.357
33.6 \& 0.320
30.2 \& 0.307
4.8 \& 0.328
2.5 \& 0.309
2.3 \& 0.270

2.6 \& 0.323
2.3 \& 0.340
2.5 \& 0.336
4.1 \& 0.342
2.5 \& 0.354

2.5 \& $\begin{array}{r}0.344 \\ 4 \\ \hline\end{array}$ \& |  |
| ---: |
|  |
| 0.295 |
| 2.2 | \& 0.370

$\mathbf{r}$
$\mathbf{3} \mathbf{8}$ \& 3.4 \& ............ <br>
\hline Cotton cloth: Cotton broadwoven goods over $12^{\prime \prime}$ in width: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Production (qtrly.) .......................... mil. sq. yd. \& 3,856 \& 3,779 \& 869 \& \& \& 992 \& \& \& 1,046 \& \& \& 1,047 \& \& \& \& <br>
\hline Orders, unfilled, end of period, compared with avg. weekly production ........ no. weeks' prod. \& 14.1 \& 11.1 \& 9.2 \& 8.6 \& 9.4 \& 11.8 \& 10.2 \& 10.2 \& 10.3 \& 10.0 \& 10.8 \& 14.8 \& 13.4 \& \& \& <br>
\hline Inventories, end of period, compared with avg. weekly production ........ no. weeks' prod.. \& 14.1 \& 11.1
7.1 \& 5.2
5.9 \& 8.6
5.8 \& 9.4
5.7 \& 11.8
6.1 \& 10.2
6.0 \& 10.2
5.9 \& 10.5
4.9 \& 10.0
4.8 \& 10.8
4.3 \& 14.8
5.1 \& 13.4
4.5 \& \& \& <br>
\hline Ratio of stocks to unfilled orders (at cotton mills), end of period. \& 0.40 \& 0.65 \& 0. \& \& 5.7 \& \& \& 5.9
0.59 \& \& 4.8 \& \& \& \& \& \& <br>
\hline Exports, raw cotton equiv. thous. \& \& \& \& \& 0.6 \& \& \& 0.59 \& 0.47 \& 0.44 \& 0.40 \& 0.37 \& 0.34 \& 0.34 \& \& <br>
\hline net-weight .............................. 480 lb . bales.. \& 345.6 \& 239.2 \& 18.4 \& 20.7 \& 18.4 \& 16.4 \& 20.1 \& 15.1 \& 18.2 \& 17.2 \& 14.2 \& 15.9 \& 12.7 \& 14.0 \& \& <br>
\hline mports, raw cotton equivalent $\qquad$ do. \& 766.3 \& 601.3 \& . \& . \& 53.6 \& 47.6 \& 67.2 \& 55.5 \& 56.7 \& 54.6 \& 61.7 \& 58.9 \& 64.5 \& 66.6 \& \& <br>
\hline Fiber production, qtrly: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Acetate filament yarn......................................il. lb.. \& 257.0 \& 195.2 \& 46.1 \& \& \& 43.2 \& \& \& 50.3 \& ............ \& \& 62.2 \& \& \& \& <br>
\hline Rayon staple, including tow ......................... do.... \& 460.6 \& 355.0 \& 87.8 \& \& \& 84.3 \& \& \& 92.6 \& \& \& 92.1 \& \& \& \& <br>
\hline Noncellulosic, except textile glass:
Yarn and monofilaments ........................ do.... \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Yara and monofilaments ............................ do................................. \& 3,792.8 \& $3,040.3$ \& 735.2 \& \& \& 745.4 \& \& \& 801.1 \& \& \& 924.0 \& \& \& \& <br>
\hline  \& 4,191.1 \& 3,402.5 \& 834.6 \& ............ \& ............ \& 872.5 \& \& \& 886.7 \& ............ \& ............ \& 1,015.5 \& \& \& \& <br>
\hline Textile glass fiber ........................................ do.... \& 1,041.1 \& 899.2 \& 241.0 \& ............ \& .............. \& 240.8 \& ............. \& \& 245.1 \& ............. \& \& 273.1 \& \& ............. \& \& <br>
\hline Fiber stocks, producers', end of period: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline  \& 14.3 \& 10.7 \& 11.3 \& \& \& 10.7 \& \& \& 9.8 \& ............. \& \& 12.2 \& . \& - \& \& <br>
\hline Rayon staple, including tow ........................ do.... \& 31.1 \& 25.9 \& 36.8 \& \& \& 25.9 \& \& \& 31.5 \& \& \& 28.9 \& \& \& \& <br>
\hline Yarn and monofilaments $\qquad$ do.... \& 337.0 \& 279.8 \& 290.5 \& \& \& 279.8 \& \& \& 270.1 \& \& \& \& \& \& \& <br>
\hline Staple, incl. tow ........................................ do... \& 329.8 \& 324.8 \& 309.3 \& \& ... \& 324.8 \& \& \& 292.7 \& \& \& 278.0 \& …............ \& ............ \& \& <br>
\hline Textile glass fiber ........................................ do... \& 146.2 \& 141.0 \& 138.8 \& \& \& 141.0 \& \& \& 131.1 \& \& \& 101.1 \& \& \& \& <br>
\hline Manmade fiber and silk broadwoven fabrics: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Production (qtrly.), total \# ................. mil. sq. yd.. \& 11,228.7 \& 8,585.5 \& ${ }^{\text {r2,040.4 }}$ \& ............ \& ........ \& 2,170.4 \& . \& \& 2,362.8 \& ............ \& \& .. \& \& \& \& <br>
\hline Filament yarn ( $100 \%$ ) fabrics \# ............... do... \& 3,850.9 \& 2,951.1 \& ${ }^{\text {'717.1 }}$ \& ............ \& , \& 819.8 \& , \& \& 807.8 \& ............ \& \& \& \& , \& \& <br>
\hline Chiefly rayon and/or acetate fabrics ...... do.... \& \& 346.6 \& 89.6 \& \& \& 55.7 \& \& \& 60.9 \& \& \& -........... \& \& ............ \& \& .... <br>
\hline Chiefly nylon fabrics........................... do.... \& \& 397.5
$4,726.7$ \& 100.2 \& \& \& 81.5 \& ............ \& \& 85.4 \& …......... \& ............. \& . \& ............ \& ............. \& ........... \& ... <br>
\hline Rayon and/or acetate fabrics, blends ..... do.... \& 6,431.4 \& $\begin{array}{r}4,726.7 \\ \hline 113.7\end{array}$ \& 1,094.5 \& ............ \& ..... \& 1,111.2 \& .............. \& .............. \& 1,260.6 \& ............ \& ${ }^{\text {............ }}$ \& ............ \& ............ \& \& \& <br>
\hline Polyester blends with cotton................... do. \& 4,517.0 \& 3,547.8 \& 817.8 \& \& \& 815.7 \& ............ \& \& 952.5 \& . \& \& ............. \& \& \& \& <br>
\hline Acetate filament and spun yarn fabrics...... do.... \& 1,002.2 \& 893.0 \& 239.2 \& \& \& 206.7 \& \& \& 259.2 \& \& \& \& \& \& \& <br>
\hline Manmade fiber gray goods, owned by weaving mills: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Ratio, stocks to unfilled orders, end of period \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>

\hline | Prices, manufacturer to mfr., f.o.b mill: |
| :--- |
| 50/50 polyester/carded cotton printcloth, gray, |
| $48^{\prime \prime}, 3.90$ yds./lb., 78x54-56 | \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>

\hline \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Manmade fiber textile trade: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Exports, manmade fiber equivalent .......... mil. lbs.. \& 637.73 \& 438.55 \& 35.86 \& 36.87 \& 32.54 \& 31.08 \& 37.10 \& 36.44 \& 42.95 \& 42.26 \& 40.18 \& 39.62 \& 34.49 \& 35.86 \& \& <br>
\hline Yarn, tops, thread, cloth ............................ do.... \& 318.89 \& 200.59 \& 16.06 \& 16.87 \& 15.78 \& 14.87 \& 13.46 \& 13.38 \& 15.55 \& 15.61 \& 14.45 \& 14.15 \& 12.50 \& 13.06 \& \& <br>
\hline Cloth, woven ....................................... do.... \& 208.48 \& 132.57 \& 11.29 \& 12.03 \& 11.53 \& 10.35 \& 9.24 \& 8.70 \& 10.40 \& 10.84 \& 9.07 \& 9.07 \& 7.71 \& 8.38 \& \& <br>
\hline Manufactured prods., apparel, furnishings do.... \& 318.84 \& 237.96 \& 19.80 \& 19.98 \& 16.76 \& 16.21 \& 23.64 \& 23.06 \& 27.40 \& 26.65 \& 25.73 \& 25.47 \& 21.99 \& 22.81 \& \& <br>
\hline Imports, manmade fiber equivalent .............. do.... \& 639.08 \& 807.10 \& 82.75 \& 70.14 \& 68.76 \& 59.16 \& 79.54 \& 71.80 \& 76.32 \& 72.72 \& 86.61 \& 105.34 \& \& \& \& <br>
\hline Yarn, tops, thread, cloth ............................ do... \& 130.52 \& 132.58 \& 12.95 \& 10.65 \& 11.78 \& 10.04 \& 13.20 \& 10.92 \& 14.44 \& 14.99 \& 16.49 \& 18.61 \& 16.81 \& 15.98 \& \& <br>
\hline Cloth, woven ........................................ do \& 95.38 \& 93.34 \& 9.09 \& 7.41 \& 7.69 \& 6.31 \& 8.84 \& 7.14 \& 9.12 \& 10.77 \& 11.06 \& 13.05 \& 11.31 \& 11.53 \& \& <br>
\hline Manufactured prods., apparel, furnishings do... \& 508.56 \& 674.51 \& 69.80 \& 59.49 \& 56.97 \& 49.12 \& 66.34 \& 60.88 \& 61.87 \& 57.74 \& 70.12 \& 86.74 \& 81.28 \& 91.98 \& \& <br>
\hline Apparel, total ....................................... do.... \& 434.87 \& 485.31 \& 48.38 \& 40.59 \& 37.82 \& 32.45 \& 45.12 \& 39.57 \& 38.10 \& 38.63 \& 47.65 \& 58.90 \& 55.16 \& 65.73 \& \& <br>
\hline Knit apparel ........................................ do.... \& 184.70 \& 193.09 \& 21.52 \& 20.04 \& 16.64 \& 10.80 \& 17.11 \& 15.87 \& 15.03 \& 15.33 \& 21.73 \& 27.47 \& 25.44 \& 27.60 \& \& <br>
\hline WOOL AND MANUFACTURES \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Wool consumption, mill (clean basis): \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Apparel class .................................................. ${ }_{\text {Cal }}$ dib.. \& 127.8 \& 105.9 \& ${ }^{4} 8.4$ \& 7.2 \& 7.8 \& 49.4 \& 8.8 \& 9.6 \& ${ }^{4} 12.8$ \& 10.6 \& 9.9 \& ${ }^{1} 13.7$ \& 8.7 \& 10.5 \& 13.3 \& <br>
\hline Carpet class............................................... do.... \& 10.9 \& 9.8 \& ${ }^{4} 1.2$ \& 0.7 \& 0.8 \& ${ }^{4} 0.6$ \& 0.8 \& 1.0 \& ${ }^{4} 1.2$ \& 0.9 \& 1.0 \& ${ }^{4} 1.2$ \& 0.8 \& 1.1 \& ${ }^{4} 1.4$ \& <br>
\hline Wool imports, clean yield ........................................................................................ \& ${ }^{2} 75.3$ \& 61.4 \& 4.7 \& 2.9 \& 3.6 \& 3.7 \& 6.0 \& 6.2 \& 5.0 \& 6.7 \& 4.9 \& 7.5 \& 6.5 \& 5.8 \& 5.1 \& <br>
\hline Duty-free ................................................... do... \& 26.1 \& 21.4 \& 1.8 \& 1.4 \& 1.3 \& 1.2 \& 2.2 \& 2.0 \& 1.5 \& 1.9 \& 2.1 \& 2.9 \& 2.4 \& 2.3 \& 1.9 \& <br>
\hline Wool prices, raw, shorn, clean basis, delivered to U.S. mills: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Domestic-Graded territory, 64's, staple 2-3/4" and up $\qquad$ cents per lb. \& ${ }^{5} 2.78$ \& \& 2.40 \& \& \& \& \& \& 1.93 \& 1.93 \& 1.93 \& 1.98 \& 2.19 \& 2.23 \& 2.25 \& <br>
\hline Australian, 64's, Type 62, duty-paid .............. do... \& ${ }^{5} 3.16$ \& 2.99 \& 2.87 \& 2.76 \& 2.69 \& 2.67 \& 2.73 \& 2.71 \& 2.66 \& 2.66 \& 2.62 \& 2.62 \& 2.60 \& 2.62 \& 2.63 \& 2.71 <br>
\hline Wool broadwoven goods, exc. felts: Production (qtrly.) ................................. mil. sq. yd.. \& 178.1 \& 121.1 \& 20.2 \& \& \& 23.6 \& \& \& 34.2 \& \& \& 40.2 \& \& \& \& <br>
\hline FLOOR COVERINGS \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Carpet, rugs, carpeting (woven, tufted, other), shipments, quarterly ........................... mil. sq. yds.. \& 990.6 \& '906.5 \& 226.7 \& \& \& 225.7 \& $\ldots$ \& \& 237.1 \& \& \& \& \& \& ............ \& <br>
\hline APPAREL \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Women's, misses', juniors' apparel cuttings: \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& \& <br>
\hline Coats................................................ thous. units.. \& r14,528
r162 \& ${ }^{7}{ }^{7} 12,617$ \& \& \& \& \& 485 \& 491 \& 617 \& 644 \& 981 \& 1,153 \& 1,033 \& 1,344 \& \& <br>
\hline Dresses.................................................... do...- \& ${ }^{\text {r }} 162,624$ \& ${ }^{7} 166,747$ \& ........... \& \& \& ............ \& 12,726 \& 14,231 \& 17,333 \& 15,343 \& 14,124 \& 12,877 \& 10,357 \& 11,453 \& \& <br>
\hline Suits (incl. pant suits, jumpsuits)................... do... \& ${ }^{\text {r } 13,308}$ \& ${ }^{7} 12,138$ \& \& .... \& \& \& 752 \& 724 \& 724 \& 615 \& 818 \& 856 \& 932 \& 819 \& …......... \& .... <br>

\hline | Skirts $\qquad$ do... |
| :--- |
| Blouses $\qquad$ thous. dozen.. | \& | r98,868 |
| :--- |
| r26,233 | \&  \& \& \& \& \& 8,034

2,226 \& 7,818

2,544 \& \begin{tabular}{|r}
9,149 <br>
2,658

 \& 

7,944 <br>
2,540

 \& 

8,197 <br>
2,833
\end{tabular} \& 8,627

3,045 \& | 7,892 |
| :---: |
| $\mathbf{2 , 4 3 3}$ | \& $\mathbf{9 , 8 6 0}$

2,790 \& \& <br>
\hline
\end{tabular}

[^16]| Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS | 1981 | 1982 | 1982 |  |  |  | 1983 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Annual |  | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. |
| TEXTILE PRODUCTS-Continued |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| APPAREL-Continued |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Men's apparel cuttings: | ${ }^{13} 1292$ | ${ }^{\text {s } 11,735}$ |  |  |  |  | 969 | 953 | 927 | 779 | 845 | 839 | 570 | 52 |  |  |
| Coats (separate), dress and sport.................. do... | ${ }^{1} 17,140$ | ${ }^{\mathbf{8} 116,477}$ |  | $\cdots$ | - | $\cdots$ | 1,260 | ${ }_{9}^{1,251}$ | ${ }_{10}^{1,471}$ | 1,432 | 8,496 | ${ }_{1,672}^{1,67}$ | 1,390 | 1,472 | $\cdots$ | $\cdots$ |
|  | ${ }_{1}^{11917,937}$ | ${ }_{8}^{81112,299}$ |  |  |  |  | 8,104 13,621 | $\xrightarrow{9,14,495}$ | 10,244 16,564 |  | 8,656 17,550 | 10,188 22,319 | 7,060 | $\stackrel{9}{98,6128}$ |  | $\cdots$ |
| Shirts, dress and sport......................... thous. doz.. | ${ }^{197,075}$ | ${ }^{\text {a } 92,423}$ |  |  |  |  | 3,333 | 3,172 | 3,591 | ${ }_{3,179}$ | 1,404 | 3,562 | 2,455 | -1,253 |  |  |
| Hosiery, shipments ......................thous. doz. pairs.. | 304,826 | 288,704 | 24,466 | 27,540 | 22,561 | 20,969 | 23,030 | 23,306 | 25,415 | 26,424 | 26,395 | 26,070 | 29,966 | 26,144 | 25,317 | . |

## TRANSPORTATION EQUIPMENT

| aerospace vehicles |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Orders, new (net), qtrry, total @ .................... mil $\$ .$. | 72,852 39102 | ${ }^{\text {r } 85,137}$ | 21,965 |  |  | ${ }^{\text {r } 24,791}$ |  |  | r27,340 |  |  | 24,346 |  |  |  |  |
| Prime contract | 70,633 | - ${ }^{\text {r } 82,382}$ | 21,149 |  |  | -164,146 |  |  | ${ }^{2} 26,737$ |  |  | 23,767 |  |  |  |  |
| Sales (net), receipts, or billings, qtrly, total....... do.... | 69,944 | 74,078 | 18,869 | ---1... |  | 20,377 |  | -... | r19,102 |  |  | 20,626 |  |  |  | $\ldots$ |
|  | 33,039 | 41,581 |  |  |  | 12,068 |  |  |  |  |  | 11,582 |  |  |  | ........... |
| Backlog of orders, end of period \#................... do | 92.640 | ${ }^{1} 103,699$ | 95,285 |  |  | ${ }^{\text {r }} 103,699$ |  |  | ${ }^{1} 111,937$ | - |  | 115,657 | ......... | ........... | ........... | ............ |
| Uircraft (complete) and parts .............................. do | 44,555 | - $\begin{array}{r}\text { re, } \\ \\ \hline 46,3127\end{array}$ | 43,266 |  |  | +58,157 |  |  | +68,381 | .-7- |  | 71,753 <br> 53,390 <br>  <br> 1 | …… |  |  |  |
| EEngranes (aircraft) and parts ............................... do..... | 13,173 | ${ }^{1} 12,008$ | 14,556 | $\cdots$ |  | ${ }^{12,008}$ | ........... |  | ${ }^{\text {r } 11,876}$ | $\cdots$ | $\cdots$ | 12,824 | $\cdots$ | $\ldots$ | $\cdots$ | $\ldots$ |
| Missiles, space vehicle systems, engines, propul sion units and parts. |  | ${ }^{13} 3,450$ | 10,854 |  |  | -13,450 |  |  | 13,673 |  |  |  |  |  |  |  |
| Other related operations (cos. | 11,047 |  | 10,854 |  |  | 3,4 |  |  | 13,673 |  |  | 14,328 |  |  |  |  |
| tions), products, services | 11,314 | ${ }^{13,035}$ | 14,249 |  |  | 13,035 |  |  | ${ }^{1} 14,470$ |  |  | ,76 |  |  |  |  |
| Aircraft (complete); |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Slipments \# \# $\qquad$ do.. Airframe weight \# \# ....................................................... | $13,195.0$ 89,076 | $8,639.8$ 44,383 | 591.4 3,169 | $\begin{aligned} & 547,3 \\ & 2,734 \end{aligned}$ | $\begin{aligned} & 569.6 \\ & \mathbf{2 , 6 4 4} \end{aligned}$ | 1,232.2 | $\begin{aligned} & 697.8 \\ & \\ & \hline, 742 \end{aligned}$ | $\begin{aligned} & 795.1 \\ & \mathbf{3 , 6 4 2} \end{aligned}$ | 1,418.9 | $\begin{array}{r} 1,107.9 \\ 5,194 \end{array}$ | $\left.\begin{aligned} & 791.0 \\ & 3,854 \end{aligned} \right\rvert\,$ | $\begin{array}{r} 1,191.3 \\ 5,723 \end{array}$ | $\begin{aligned} & 429.9 \\ & 1,998 \end{aligned}$ | $\begin{aligned} & 489.5 \\ & 2,336 \end{aligned}$ |  |  |
| Exports, commercial \# ............................ mil. s . | 8,551 | 4,775 | 77 | +378 | -102 | ${ }_{421}$ | , 321 | ${ }^{508}$ | 1,006 | 457 | ${ }^{397}$ | ${ }_{924}$ | ${ }^{1,368}$ | ${ }^{2} 178$ | 232 |  |
| MOTOR VEHICLES (NEW) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Passenger cars: Factory sales (from US, plants) , total $\dagger+$ thous |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Factory sales (from U.S. plants), total $\dagger \dagger$......thous. Domestic $\dagger+$................................................ | $\begin{aligned} & 6,225 \\ & 5,749 \end{aligned}$ | $\begin{aligned} & 5,049 \\ & 4,696 \end{aligned}$ | $\begin{aligned} & 429 \\ & 406 \end{aligned}$ | $\begin{aligned} & 431 \\ & 406 \end{aligned}$ | $\begin{aligned} & 407 \\ & 382 \end{aligned}$ | $\begin{aligned} & 366 \\ & 344 \end{aligned}$ | $\begin{aligned} & 457 \\ & 431 \end{aligned}$ | $\begin{aligned} & 474 \\ & 433 \end{aligned}$ | $\begin{aligned} & 575 \\ & 517 \end{aligned}$ | $\begin{aligned} & 529 \\ & 475 \end{aligned}$ | $\begin{gathered} 587 \\ 528 \end{gathered}$ | $\begin{aligned} & 644 \\ & 592 \end{aligned}$ | $\begin{aligned} & 461 \\ & 426 \end{aligned}$ | $\begin{aligned} & 492 \\ & 466 \end{aligned}$ | $\begin{gathered} { }^{5627} \\ 581 \end{gathered}$ | 687 |
| Retail sales, total, not seasonally adj $\dagger \ldots .$. ...... do.... | 8,535 | 7,980 | 671 | 656 | 743 | 632 | 596 | 628 | 821 | 762 | 837 | 904 | 792 | 741 | 704 | 861 |
| Domestics §..................................... do | 6,209 | 5,758 | 488 | 488 | 558 | 448 | 414 | 442 | 600 | 578 |  | 668 | 577 | 531 |  | 664 |
|  | 2,326 | 2,221 | 183 | 169 | 185 | 184 |  |  | 221 | 184 | 207 | 236 | 215 | 210 | 166 | 197 |
| Total, seas, adjusted at annual rate $\dagger . . . . . . . .$. mil.. |  | , | 8.4 | 7.7 | 9.0 | 8.6 | 8.5 | 8.2 | 8.4 | 8.5 |  | ${ }^{5} 10.1$ | 9.7 | 8.9 | 9.2 | 9.8 |
| Imports $\S$ $\qquad$ do... do... |  | ...... | 6.2 2.3 | 2.4 2.4 | ${ }_{2.5}^{6.5}$ | ${ }_{2.5}^{6.1}$ | 5.9 2.6 | ${ }_{2.1}^{6.1}$ | 6.2 2.2 | 6.4 2.1 | 6.9 2.2 | ${ }^{5} 2.5$ | 2.5 | ${ }_{2.3}^{6.6}$ | 2.0 | 2.8 |
| Retail inventories, end of period, domestic |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Not seasonally adjusted ........................... | 1,471 | 1,126 | 1,350 | 1,296 | 1,164 | 1,126 | 1,180 | ${ }^{1,248}$ | 1,235 | 1,191 | 1,191 | 1,209 | 1,102 | 1,088 | 1,192 | 1,220 |
| Seasonally adjusted................................. do | 1,495 | 1,127 | 1,357 | 1,299 | 1,162 | 1,127 | 1,190 | 1,270 | 1,238 | 1,201 | 1,154 | ${ }^{1} 1,082$ | 1,050 | 1,166 | 1,231 | 1,254 |
| Inventory-retail sales ratio, domestics § $\dagger$.... | 2.9 | 2.3 | 2.6 | 2.9 | 2.2 | 2.2 | 2.4 | 2.5 | 2.4 | 2.3 | 2.0 | ${ }^{8} 1.7$ | 1.7 | 2.1 | 2.1 | 2.2 |
| Exports (BuCensus), total ..........................thous. | 538.12 | ${ }_{374.30}$ | 26.30 | 27.42 | ${ }^{27} 39$ | 22.42 | 26.88 | ${ }_{4}^{44.33}$ | ${ }_{56.59}^{56.59}$ | 54.45 | ${ }_{5081}^{60.81}$ | 51.92 | 34.26 | 31.87 | 46.27 |  |
| To Canada | 470.86 | 334.0 | 23.70 | 23.48 | 23.71 | 19.60 | 24.71 277.3 | 42602 | 54.75 <br> 313.4 | 52.21 2772 | 58.14 | ${ }^{50.30}$ | 32.75 | 30.63 | 41.92 | ............ |
| Imports (BuCensus), complete units \#\# | ${ }^{2,9988.6}$ | $3,067.0$ 702.5 | ${ }_{61.0}$ | 262.8 49.5 | ${ }_{56.8}^{25.6}$ | 232.7 50.2 | ${ }_{59.1}$ | ${ }_{69.7}$ | 39.3 69 | 77.9 | ${ }_{88.5}$ | ${ }^{35.8}$ | 288.3 56.0 | 263.5 <br> 443 | ${ }_{496}^{271.6}$ |  |
| Registrations $\bigcirc$, total new vehicles............... do | 8,444 | 7,754 | 625 | 655 |  | 765 | 595 | 569 | 725 | 728 | 773 | 869 | 789 |  |  |  |
| Imports, incl. domestically sponsored.......... do.... | 2,432 | r2,291 | ${ }^{1} 198$ | 195 | 181 | 220 | 191 | 181 | 219 | 208 | 215 | 244 | 228 | 246 | 207 | .-.......... |
| Trucks and buses: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Factory sales (from U.S. plants), total @ @ ..thous.. | 1,701 | 1,905 | 155 | 142 | 127 | 130 | 141 | 160 | 221 | 191 | 212 | 230 | 161 | 192 | ${ }^{2} 26$ | ${ }^{2} 250$ |
| Domestic @@ ..................................... do... | 1,514 | 1,778 | 146 | 132 | 118 | 122 | 133 | 150 | 207 | 179 | 198 | 214 | 149 | 181 | 214 |  |
| Retail sales, seasonally adjusted: $\dagger$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | ${ }^{5} 2,063.8$ | 193.8 | 149.7 | 199.4 | 179.2 | ${ }^{1} 168.9$ | 160.4 | 183.6 | 210.8 | 214.6 | 206.4 | 225.3 | 173.0 |  |  |
| Medium-duty, 14,001-26,000 lbs. GVW |  |  | 3.9 | 3.5 | 3.6 | 3.8 | - ${ }^{7} 4.4$ | 3.8 | 3.5 | 3.6 | 4.2 | 3.9 | 4.2 | 4.0 | 4.2 | 3.8 13.1 |
| Retail inve |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | ${ }^{8} 5599.4$ | ${ }^{3} 539.5$ | 665.5 | 636.2 | 566.4 | 537.9 | ${ }^{4} 495.7$ | 519.5 | 518.4 | 522.8 | 533.5 | 525.1 | 507.8 | 578.1 |  | 592.1 |
| Exports (BuCensus).................................. do.... | ${ }^{4} 170.73$ | 124.43 | 6.62 | 10.31 | 9.80 | 04 | 7.33 | 9.42 | 11.30 | 12.83 | 11.87 | 13.33 | 10.62 | 11.34 | 10.11 |  |
| Imports (BuCensus), including separate chassis and bodies .................................................thous | 838.92 | 738.48 | 57.33 | 54.44 | 43.28 | 42.27 | 47.58 | 56.2 | 70.78 | 69.4 | 7.19 | 80.9 | 63.1 | 68.7 | 61.1 |  |
| Registrations, $\diamond_{\text {new }}$ vehicles, excluding buses not produced on truck chassis $\qquad$ | 85 | 2,430 | 182 | 193 | 15 | 246 | 189 | 177 | 227 | 244 | 254 | 275 | 259 | 254 | 49 |  |
| Truck trailers and chassis, complete (excludes detachables), shipments ........................ number. | ${ }^{1} 122,455$ | -96,190 | ${ }^{5} 6,888$ | 「6,499 | '7,509 | r9,590 | 6,062 | 6,949 | 9,848 | 6,979 | 8,708 | 9,674 | '8,387 | 11,463 |  |  |
| Vans ........................................... do... | ${ }^{71,921}$ | ${ }_{\text {r }}{ }^{164,892}$ | ${ }^{\text {r }}$ +,908 | ${ }_{\text {r }}^{\text {「,430 }}$ | ${ }^{\text {r } 5,522}$ | '7,212 | 4,053 | 4,599 | 6,367 | 4,808 |  |  |  | 8,632 |  |  |
| Trailer bodies (detachable), sold separately ...... do <br> Trailer chassis (detachable), sold separately ...... do... | 7,239 8,615 | [ | [275 | rer | ${ }_{\text {r12 }}$ | [ ${ }_{\text {r119 }}$ | 158 25 | $\left.\begin{array}{r} 136 \\ 19 \end{array} \right\rvert\,$ | 153 43 | $\begin{aligned} & 61 \\ & 47 \end{aligned}$ | 69 147 | 31 620 | r57 456 | $\begin{gathered} 299 \\ 414 \end{gathered}$ |  |  |
| RAILROAD EQUIPMENT |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Freight cars (new), for domestic use; all railroads and private car lines (excludes rebuilt cars and cars for export): |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Shipments ......................................... number... | ${ }^{1}{ }^{144,901}$ | ${ }^{1} 17,236$ | ${ }_{913}^{967}$ | 890 | 610 525 | 765 | 494 | 447 | $\begin{array}{r}444 \\ 334 \\ \hline\end{array}$ | 205 | 376 | ${ }_{338} 38$ | ${ }_{26}^{260}$ | 469 | 460 |  |
| New orders ......................................................... | - 17,716 | - 17,071 | ${ }_{583}$ | ${ }_{884} 68$ | 525 <br> 249 | ${ }_{231}^{477}$ | 440 501 | 429 | 334 <br> 207 | ${ }_{615}^{205}$ | 376 797 | 338 150 | 260 934 | 469 <br> 287 | 416 | .-...... |
| Equipment manufacturers ., | ${ }^{1} 17,288$ | ${ }^{16,321}$ | 583 | 134 | 249 | 231 | 501 | 297 | 207 | 614 | 797 | 150 | 934 | 287 | 416 |  |
| Unfilied orders, end of period....................... do | 16,485 | 4,295 | 5 5,895 | 5,283 | 4,866 | 4,295 | 4,301 | 4,153 | 3,916 | 4,326 | 4,747 | 4,559 | 3,897 | 3,755 | 3,756 | - |
| Equipment manufacturers.......................... do... | 14,819 | 4,095 | 5,337 | 4,710 | 4,378 | 4,095 | 4,155 | 4,041 | 3,914 | 4,323 | 4,744 | 4,556 | 3,894 | 3,752 | 3,756 |  |
| Freight cars (revenue), class 1 railroads (AAR) $\ddagger$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Number owned, end of period thous. Held for repairs, \% of total owned $\qquad$ $\qquad$ | 1,111 6 | 1,039 8.7 | ${ }^{1,059} 8$ |  | 1,047 | $\mathbf{1 , 0 3 9}$ | $1,035$ | 1,033 8.9 | 1,031 <br> 9.2 | 1,028 ${ }^{9.5}$ | 1026 10.0 | 1,024 | 1,020 | 1,019 | $\begin{aligned} & 1,018 \\ & 9.8 \end{aligned}$ |  |
| Capacity (carrying), total, end of mo ......mil. tons. | 89.37 | 84.87 | 86.24 | 85.86 | 85.43 | 84.87 | 84.77 | 84.72 | 84.55 | 84.44 | 84.18 | 84.01 | 83.77 | 83.68 |  |  |
| Average per car....................................tons.. | 80.43 | 81.68 | 81.44 | 81.54 | 81.60 | 81.68 | 81.93 | 81.98 | 82.01 | 82.18 | 82.03 | 82.05 | 82.10 | 82.09 | ........ | $\cdots$ |

See footnotes at end of tables.

# FOOTNOTES FOR PAGES S-1 THROUGH S-32 <br> <br> General Notes for all Pages: 

 <br> <br> General Notes for all Pages:}
$r$ Revised.
p Preliminary.
e Estimated.
c Corrected.

## Page $\mathrm{S}-1$

+ Revised series. See Tables 2.6-2.9 in the July 1983 SURVEY for revised estimates back to 1980. See Tables 2.6-2.9 in the July 1982 SURVEY for revised estimates for 1977-79. Prc-1977 cstimates are available in The National Income and Product Accounts of the United States, 1929-76: Statistical Tables
$\ddagger$ Includes inventory valuation and capital consumption adjustments.
* New scries. Detailed descriptions begin on p. 18 of the Nov. 1979 SURvey. See note " $\ddagger$ " for this page for information on historical data.
§ Monthly estimates equal the centered three-month average of personal saving as a percentage of the centered three-month moving average of disposable personal income.


## Page S-2

1. Based on data not seasonally adjusted.
\# Includes data not shown separately.
$\ddagger$ Revised series. For wholesale see note " $\ddagger$ " for $p$. S-8. For manufacturing see note " $\uparrow$ " for p. S-3. For retail see note "t" for p. S-8.
$\dagger$ See note "t" for p. S-3.
§ See note " $\ddagger$ " for p. S-8.
(a) Sec note " $\ddagger$ " for p. S-8.
(a) See note " $\ddagger$ " for p. S-8. 1967 are available from the National Income and Wealth Division, Bureau of Economic Analysis.

Page S-3
$\ddagger$ Revised series. For wholesale see note " $\ddagger$ " for $p$. S-8. For manufacturing see note " $\ddagger$ " for this page. For retail see note " 4 " for p. S-8.
$\dagger$ Revised series. Data have been revised back to 1972. A detailed description of these revisions and historical data appear in the reports "Manufacturers' Shipments, Inventories, and Orders" M3-1.10 (1972-1980) and M3-1.12 (1977-82), available from the Bureau of the Census, Washington, D.C. 20233.
§ See note "t" for p. S-8.
(a) See note " $\ddagger$ " for p. S-8.
(a) See note " "f" for p. S-8.
$*$ Division, Bureau of Economic Analysis.
\# Includes data for items not shown separately
Page S-4

1. Based on data not seasonally adjusted.

+ See note "t" for p. S-3.
\# Includes data for items not shown separately
$\ddagger$ Includes textile mill products, leather and products, paper and allied products, and printing and publishing industries; unfilled orders for other nondurable goods industries are zero.
$\diamond$ For these industries (food and kindred products, tobacco, apparel and other textile products, petroleum and coal, chemicals and allied products, and rubber and plastics products) sales are considered equal to new orders.


## Page S-5

Based on unadjusted data.
2. Beginning with data for January 1983, the index is affected by a change in methodology used to compute the homeownership component. For additional information regarding this change see p. S-36 of the Feb. 1983 SL. Rvey.

+ See note "t" for p. S-3.
(a. Compiled by Dun \& Bradstreet, Inc
\# Includes data for items not shown separately.
§ Ratio of prices received to prices paid (parity index).
$\bigcirc$ Revisions. back 101975 for some commodities, are available upon request.
$\ddagger$ See note " $\ddagger$ " for p. S-4.


## Page S-6

1. See note 2 for p. S-5
2. Index no longer available from the source, BLS; see also p. S-36 of the Feb. 1983 Strviy.
§ For actual producer prices of individual commodities see respective commodities in the Industry section beginning p. S-19. All data subject to revision four months after original publication.
$\dagger$ Revised series. Stage-of-processing producer price indexes have been revised back to 1976 to rellect updated industry input-output relationships and improved classification of some products.
\# Includes data for items not shown separately.
$\ddagger$ Effective Feb. 1983 SLRVFY, data have been revised back to 1978 to reflect updated seasonal factors. Elfective Feb. 1982 SLRVEY. data have been revised back to 1977 to reflect updated seasonal factors. These revisions are available upon request.
(a) Eilfective with the Feb. 1983 SLRVIY, the percent change and indexes as shown here bave been revised back to 1907 except for the transportation group and services which were revised back to 1978. These revisions as well as those for indexes not shown here are available from the Bureau of Labor Statistics. L.S. Department of Labor, Washington, D.C. 20212.

## Page S-7

1. Computed from cumulative valuation total.
2. Index as of Nov. 1, 1983: building, 358.3; construction, 384.8. Revised index as of Jan. 1, 1982: building. 323.3: construction, 344.9.
\# Includes data for items not shown separately.
§ Data for Sept. and Dec. 1982, Mar., June, and Sept. 1983 are for five weeks; other months four weeks.

Page S-8

1. Advance Estimate.
$\checkmark$ Home mortgage rates (conventional first mortgages) are under money and interest rates on p.S-14
§ Data include guaranteed direct loans sold.
$\ddagger$ Effective April 1983 SURVEY, wholesale trade data have been revised for Jan. 1973-Dec. 1982. Revised data are available upon request.
$\ddagger$ Effective April 1983 SURVEY. retail trade data have been revised for 1978-1983. Revised data and a summary of the changes are available from the Census Bureau, Washington, D.C. 20233.
\# Includes data for items not shown separately.

## Page S-9

1. Advance estimate
2. Effective Jan. 1979 data, sales of mail-order houses are included with department store sales.
3. As of July 1.
\# Includes data for items not shown separately.
$\ddagger$ Revisions for Jan. 1977-Oct. 1979 appear in "Current Population Reports," Series P-25, No. 870, Bureau of the Census
$\diamond$ Effective with the January 1983 SURVEY, the seasonally adjusted labor force series have been revised back to January 1978. Revised monthly series appear in the January 1983 issue of Employment and Earnings. Effective with the February 1982 SURVEY, the labor force series was revised back to 1970 to reflect the 1980 Census of Population. Seasonal adjustment factors were revised accordingly. Revised monthly series appear in the February 1982 issue of Employment and Earnings. Revised annual series appear in the March 1982 issue of Employment and Earnings, U.S. Department of Labor, Bureau of Labor Statistics.

* New series. The participation rate is the percent of the civilian noninstitutional population in the civilian labor force. The employment-population ratio is employment as a percent of the total noninstitutional population, 16 years and over.
+ See note "t" for p. S-8.


## Page S-10

1. This series has been discontinued.
§ These unemployment rates are for civilian workers only. The unemployment rate for ll workers, including the resident armed forces, was 8.7 in Oct. 1983.

+ Effective June 1983 SURVEY, data have been revised back to April 1981 (not seasonally adjusted) and January 1978 (seasonally adjusted) based on the March 1982 benchmark levels and updated seasonal adjusiment factors. See "BLS Establishment Estimates Revised to March 1982 Benchmarks," in the June 1983 issue of Employment and Earnings. Effective Junc 1982 SURVEY, data have been revised back to 1977 based on March 1981 benchmark levels and updated seasonal adjustment factors. See "BLS Establishment Estimates Revised to March 1981 Benchmarks." in the June 1982 issue of Employment and Earnings. Effective July 1981 SLRVEY. data have been revised back to 1974 to reflect new benchmarks and new scasonal adjustment factors. See "BLS Establishment Estimates Revised to March 1980 Benchmarks," in the July 1981 issue of Enployment and Earnings.
$\diamond$ See note " $\rangle$ " for $\mathrm{p} . \mathrm{S}-9$.


## Page S-11

$\dagger$ See note "f" on p. S-10.
$\ddagger$ This series is not seasonally adjusted because the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.
$\checkmark$ Production and nonsupervisory workers.
Page S-12

1. This series is not seasonally adjusted because the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sulficient precision. Use the corresponding unadjusted series.
2. This series has been discontinued.
$\dagger$ See corresponding note on p. S-10.
< Production and nonsupervisory workers.
$\ddagger$ Earnings in 1977 dollars reflect changes in purchasing power since 1977 by dividing by Consumer Price Index.
§ Wages as of Nov. 1, 1983: Common. \$15.56: Skilled. $\$ 20.43$

## Page S-13

1. Average for Dec.
2. Reported annual; monthly revisions are not available.
3. Effective December 1, 1982, there was a break in the series. The key changes involved additions to the reporting panel and the exclusion of broker or dealer placed borrowings under any master note agreements. Previous statistics do not reflect these changes.
$\diamond$ Effective April 1982 SLRVEY, the series for work stoppages involving six or more workers have been discontinued and have been replaced by series for work stoppages involving 1,000 or more workers.
\# Includes data for items not shown separately.
§ For demand deposits, the term "adjusted" denotes demand deposits other than domestic commercial bank and U.S. Government, less cash items in process of collection; for loans, exclusive of loans to and Federal funds transactions with domestic commercial banks and include valuation reserves (individual loan items are shown gross; i.e. before deduction of valuation reserves).

* New series Beginning Dec. 1978, data are for all investment account securities; comparable data for earlier periods are not available.
(a) Insured unemployment (all programs) data include claims filed under extended duration provisions of regular State laws; amounts paid under these programs are excluded from state benefits paid data.
(a'(a) Insured unemployment as a percent of average covered employment in a 12 -month period.


## Page S-14

1. Data are for fiscal years ending Sept. 30 and include revisions not distributed to the months.
2. Average for the year
3. Daily average.
4. Beginning Jan. 1981, data are for top-rated only. Prior data cover a range of top-rated and regional dealer closing rates. See also note 3 for this page.
5. Beginning Oct. 1981, data represent the total surplus or deficit (budget surplus or deficit plus off-budget surplus or deficit). See also note 1 .
6. Interest rate charged as of Nov. 1, 1983 was 10.61.
\# Includes data for items not shown separately.
\& The Department of Health. Education, and Welfare was redesignated as the Department of Health and Human Services by the Department of Education Organization Act.
$\bigcirc$ Adjusted to exclude domestic commercial interbank loans and Federal funds sold to domestic commercial banks.
$\ddagger$ Rates on the commercial paper placed for firms whose bond rating is Aa or the equivalent. Data through Oct. 1979 show a maturity for 120-179 days. Beginning Nov. 1979. maturity is for 180 days.
(a) Data through Oct. 1979 show a maturity for 150-179 days. Beginning Nov. 1979. maturity is for 180 days.
$\ddagger$ Courtesy of Metals Week
(a) Average effective rate

## Page S-15

1. Beginning 1983, the reporting Frequency has been changed from a monthly to a quarterly basis.

+ Effective Feb. 1983 SURVEY, the money stock measures and components have been revised back to 1959. Effective April 1980 SURVEY. the monetary aggregates were redefined by the Federal Reserve. The redefinition was prompted by the emergence in recent years of new monetary assets-for example, negotiable order of withdrawal (NOW) accounts and money market mutual fund shares--and alterations in the basic character of established monetary assets-for example, the growing similarity of and substitution between the deposits of thrift institutions and those of commercial banks. Monthly data from 1959 to date are available from the Banking Section of the Division of Research and Statistics at the Federal Reserve Board, Washington. D.C. 20551.
$\ddagger$ Composition of the money stock measures is as follows
MI.-This measure is currency plus demand deposits at commercial banks and interestearning checkable deposits at all depositary institutions-namely NOW accounts, automatic transfer from savings (ATS) accounts, and credit union share draft balances--as weil as a small amount of demand deposits at thrift institutions that cannot, using present data sources, be separated from interest-earning checkable deposits.
M2.--This measure adds to MI overnight repurchase agreements (RP's) issued by commercial banks and certain overnight Eurodulars (those issued by Caribbean branches of member banks) held by U.S. nonbank residents, money market mutual fund shares, and savings and small-denomination time deposits (those issued in denominations of less than $\$ 100,000$ ) at all depositary institutions. Depositary institutions are commercial banks (including U.S. agencies and branches of foreign banks. Edge Act corporations, and foreign investment companies), mutual savings banks, savings and loan associations, and credit unions.
M3.--This measure equals M2 plus large-denomination time deposits (those issued in denominations of $\$ 100,000$ or more) at all depositary institutions (including negotiable CD's) plus term RP's issued by commercial banks and savings and loan associations.
L.- This broad measure of liquid assets equals M3 plus other liquid assets consisting of other Eurodollar holdings of U.S nonbank residents, bankers acceptances, conimercial paper, savings bonds. and marketable liquid Treasury obligations.
$\ddagger+$ Includes ATS and NOW balances at all institutions, credit union share draft balances, and demand deposits at mutual savings banks.
* Overnight (and continuing contract) RP's are those issued by commercial banks to the nonbank public, and overnight Eurodollars are those issued by Caribbean branches of member banks to U.S. nonbank customers.
(a) Small time deposits are those issued in amounts of less than $\$ 100,000$. Large time deponits are those issued in amounts of $\$ 100,000$ or more and are net of the holdings of domestic banks, thrift institutions, the U.S. Government. money market mutual funds, and foreign banks and official institutions.
\# Includes data for items not shown separately.
§ Number of issues represents number currently used: the change in number does not affect the continuity of the series.
(a (a) Annal data for 1978-82 and monthly data for 1982 have been revised to exclude private placements. Monthly revisions for 1978-81 are not available.


## Page S-16

1. Beginning Jan. 1981 data, U.S. Virgin Islands trade with foreign countries is included.
§ Number of issues represents number currently used; the change in number does not affect the continuity of the series.
$\ddagger$ For bonds due or callable in 10 years or more.
\# Includes data for items not shown separately.
(a) Data may not equal the sum of the geographic regions, or commodity groups and principal commodities, because of revisions to the totals not reflected in the component items.

## Page S-17

1. See note I for p. S-16
2. Beginning Jan. 1982 data, the Customs value is being substituted for the fa.s. value
\# Includes data not shown separately.
§ Data may not equal the sum of geographic regions, or commodity groups and principal commodities, because of revisions to the totals not reflected in the components.

## Page S-18

1. See note 1 for p. S-16
2. Annual total; quarterly or monthly revisions are not available.
3. Before extraordinary and prior period items.
4. For month shown.
5. Domestic trunk operations only (averaging about 90 percent of domestic total).
6. See note 2 for p . S-17.
\# Includes data for items not shown separately.
§ Total revenues, expenses, and income for all groups of carriers also refleet nonseheduled service.
$\ddagger$ Beginning Jan. 1977, defined as those having operating revenues of $\$ 50$ million or more.
$\checkmark$ Average daily rent per room occupied, not scheduled rates.
(a) Effective January 1, 1980, contract carriers are not included because the data filed by these carriers were substantially reduced in scope, in accordance with the ICC revised reporting regulations.
\#\# Data represent entries to a national park for recreational use of the park, its services. conveniences, and/or facilities.

## Page S-19

1. Reported annual total; monthly revisions are not available
2. Less than 500 short tons.
3. Less than 500 short tons
4. Beginning Jan. 1981, data represent gross weight (formerly phosphoric acid content weight) and are not comparable with data shown for earlier periods.
5. A portion of data is being withheld to avoid disclosing information for individual companies: not comparable with other published data.
6. A portion of data is being suppressed because of not meeting publication standards. For nitrogen solutions. prior to May 1983, see also note 4 for this page.

6 . Includes those amounts being withheld from the monthly data.
\# Includes data for items not shown separately.
§ Data are reported on the basis of 100 percent content of the specified material unless otherwise indicated.
$\ddagger$ Revisions, back to 1977 for some commodities, are available upon request.
$\diamond$ Data for Jan. 1977-June 1979 exclude potassium magnesium sulfate; not strictly comparable with data shown for other periods.

## Page S-20

1. Reported annual total: monthly or quarterly revisions are not available.
2. Beginning 1982, the reporting frequency has been changed from a monthly to a quar-
terly basis. Revised quarterly data for 1979 through 1982 are available upon request.
3. Annual total includes data for Hawaii: not distributed to the months.
\& Data are not wholly comparable from year to year because of changes from one classification to another.
$\ddagger$ Revisions back to 1977 are available upon request.
$\diamond$ Eflective 1983, data are based on a new sample of approximately 150 establishments, which was selected using the 1981 annual survey "Paints and Allied Products" panel as a universe frame Comparable data for 1979.82 are available upon request.

## Page S-21

1. Based on quotations for fewer than 12 months.
2. Crop estimate for the year.
3. Stocks as of June 1
4. Stocks as of June 1
5. Stocks as of June 1 and represents previous year's crop; new crop not reported until June (beginning of new crop year).
6. Previous year's crop; new crop not reported until Oct. (beginning of new crop year).
7. See note " $a(a$ " for this page.
8. Data are no longer available.
9. Nov. I estimate of the 1983 crop
10. Effective with this reporting. data are reported on a monthly basis.
11. Effectuve with this reporting. data are reporta
12. Quarterly estimates of rye stocks will no longer be available; however, June 1 stock
estimates (representing previous year's crop) will continue to be published each year.
§ Excludes pearl barley.
\# Bags of loolbs.
$\bigcirc$ Revised crop estimates back to 1975 are available upon request.
(a. Revisions. back to 1977, for some commodities, are available upon request.
$\ddagger$ Revisions back to 1975 are available upon request.
( $n$ (a Data we quarterly exept for Junc (covering Apr. and May) and Sept. (covering Junc-sept.).

Page S-22
Based on quotations for fewer than 12 months
2. See note 9 for p. S-21
3. Data are no longer available
\& Cases of 30 dozen.
$\bigcirc$ Bags of 132.276 lbs
$\ddagger$ Revisions for Jan.-July 1979 (back to 1975 for grindings of wheat) are available upon request.
(a) Revisions back to 1977 are available upon request
\# Effective Apr. 1981 SuRviY. the wholesale price of smoked hams has been discontinued and has been replaced with the comparable price index. Annual indexes prior to 1979 and monthly indexes prior to Feb. 1980 are available upon request.

Page S-23
Cropestmate for the vear
2. Average for seven months; price not available for July, Aug., and Oct-Dec.
. Annual total; monthly revisions are not available.
4. Data are no longer available
5. Nov. I estimate of the 1983 crop

Monthly data reflect cumulative revisions for prior periods.
$\ddagger$ Revisions back to 1975 are available upon request
New series Source: Bureau of Labor Statisties

* Totals include data for items not shown separately

Page S-24

1. Annual data; monthly revisions not available
2. I.ess than 500 short tons

## Page S-25

1. Annual data; monthly revisions are not available.
2. For month shown.
3. Effective Jan. 1981. data are revised back to Jan. 1980. Inventory data formerly calculated by the Bureau of the Census are now based on the Steel Service Center Institute monthly Business Conditions report.

* Beginning January 1982. data represent metallic (mostly aluminum) content. Data for 1981 and prior years represent aluminum content only.

Page S-26

1. Annual data; monthly revisions are not available.
2. Less than 50 tons.
3. Data shown in the April and May 1983 issues of the SURVEY were incorrect
$\diamond$ Includes secondary smelters' lead stocks in refinery shapes and in copper-base scrap.
(a All data (except annual production figures) reflect GSA remelted zinc and zinc pur chased for direct shipment.
$\ddagger$ Source for monthly data: American Bureau of Metal Statistics. Source for annua data: Bureau of Mines.
\# Includes data not shown separately.
$\ddagger$ Effective July 1980 SL RVt:Y. data are revised and shown on a new base. The sample size has been restored to 100 tirms and the base has been changed to $1977=100$. The revised series are not comparable to previously published data.

* New series. These indexes are based on shipments of bydraulic and pneumatic prod ucts reported by participating members of the National Fluid Power Association. Data back to 1959 are available upon request


## Page S-27

1. Total stocks for bituminous coal and lignite exclude residential and commercial stocks and are not comparable with data prior to Jan. 1980.
2. Data are for fice weeks: other monh i \& weeks.
. For month shown.
3. Data withold to a woid disclosing information for individual companies
\# Includes data for items not shown separately.
(a Beginning July 1977. data are representive of those manufacturers reporting and are not an average of the total industry; they are not directly comparable with earlier data.

* New series Annaal data prior 101978 and monthly data prior 10 April 1979 are avail able upon requevt
8 Includes nonmarketabie catailyst coke
$\widehat{0}$ Inchudes small amonts of "other hydrocarbons and alcohol new supply (field production)," not shown separatels.
+ Revisions back ol Jin. 1978 are avabable upon request.
$\ddagger$ Eflectite with $|9 x|$ petroteum data. the Energy Information Agency has changed some delintions and wheepts to reflect recent developments in refining and blending practices. These change, hefode adding a category for gasohot production to motor gasoline profuction ad acomants more prectsely for disthate and residaal fuel oil processed fur ther ather intia! distitation A dencription of these changes appears in the May 1981 issue of 1/wwh R,


## Page S-28

Simple aneraer of prices are no longer available.
Sce note 5 for p. S. 29
Repoted amola totals revisions not allocated to the months
theane wh lan 1983 , data inclutio road oit. Total road oil data for 1982 were


0 Prices are mid-month, include taxes, and represent full service; comparable prices prior to Jan. 1979 are not available.
\# Includes data for items not shown separately.

* New series. See note " $\diamond$ " for this page.
$\ddagger$ Except for price data, see note " $\ddagger$ " for p . S-27.
Page S-29

1. Reported annual total; revisions not distributed to the months.
2. Effective Jan. 1980, data are no longer available.
3. Average for 11 months; no price for Aug. 1980 or June 1981
4. Average for 11 months; no price available for Nov. 1980 or for Oct. 1981.
5. Monthly data will be discontinued as of April 1982 SURVEY, due to budgetary limitations. The related annual report. MA26A, will continue to be published
$\bigcirc$ Source: American Paper Institute. Total U.S. estimated consumption by all newspaper users.
$\$$ Monthly data are averages of the 4 -week periods ending on the Saturday nearest the end of the month: annual data are as of Dec. 31.
$\$$ Data are monthly or annual totals. Formerly weekly averages were shown.

Page S-30

1. Reported annual total; revisions not allocated to the months
2. Crop tor the year
3. Data cover five weeks; other months, four weeks
4. Data are not available prior to Jan. 1980
5. See note " $\ddagger$ " for this page.
6. Monthly and annual data for regular basecoat plasters are not available: sales of "all other" represents total sules of building plasters. See also note 1 for this page
7. Data withheld to avoid diselosing operations of individual companies.
8. Represents total shipments for Jan.-May 1982. See also note 7 for this page.

* New series. Data for finishing mills have replaced data for weaving mills, which are no longer available.
\# Includes data for items not shown separately
$\diamond$ Cumutative ginnings to the end of month indicated.
§ Bates of 480 Jbs .
$\ddagger$ Beginning Jan. 1982 , shipments include those for direct export; such shipments for 1981 were 2.165 thous. gross.
(a) Annual totals are based on advance summaries and reflect revisions not distributed to the months

Page S-31

1. Effective Jan. 1, 1978, includes reexports, formerly excluded.
2. Annual total includes revisions not distributed to the months.
3. Average for crop year; Aug. I-Jul. 31.
4. For five weeks; other months four weeks
5. Monthly average.
6. Less than 500 bales
7. Monthly data discontinued for the year 1982; reinstated beginning Jan. 1983.
$\checkmark$ Based on 480 fb . bales, preliminary price reflects sales as of the 15 th; revised price reflects total quantity purchased and dollars paid for the entire month (revised price includes discounts and premiums).
\# Includes data not shown separately
Page S-32
8. Annual total includes revisions not distributed to the months
9. Figure represents production, not factory sales.
10. Effective Jan. 1982 (for retail sales) and Aug. 1982 (for retail stocks), U.S.-built Mercedes-Benz trucks are included: comparable data for earlier periods are not available. See also note 5 for this page.
11. Monthly data for 1980 as published in earlier issues of the SURVEY. exclude exports fir off-highway trucks; not strictly comparable with data shown for other periods. Such exports have since been included in the monthly data and are available upon request.
12. Based on unadjusted data.
13. See note " ${ }^{\text {" " for this page }}$
14. See last sentence of note " $\ddagger$ " for this page.
15. Monthly data discontinued for the year 1982: reinstated beginning Jan. 1983.
\# Total includes backlog for nonrelated products and services and basic research.
§ Domestics comprise all cars assembled in the U.S. and cars assembled in Canada and imported to the L.S. under the provisions of the Automotive Products Trade Aet of 1965. Imports comprise all other cars.
$\Leftrightarrow$ Courtesy of R.I.. Polk \& Co.: republication prohibited. Because data for some states are not available, month-to-month comparisons are not strictly valid.
$\ddagger$ Excludes railroad-owned private refrigerator cars and private line cars.
$\dagger$ Revisions, affecting some commodities back to 1967 and for those periods mentioned befow, are available upon request. Passenger cars (seas. adj.; Effective July 1983 SURVFY. data hate been revised back to Jan. 1980 . Effective July 1982 SURVEY, data have been revised back to Jan. 1977. Trucks and buses iseas. adi.: Effective Feb. 1983 SURVEY. data have been revised back to Jan. 1980.
(a) In the 1979 BUSINESS STATISTICS, th Qtr. 1977 should read " 13,946 " mil. \$

朝 [n the 1979 BUSINESS STATISTICS, annual data for 1977 should read "2,604.8" mil. $s$.
$\# \neq$ Revisions back to 1977 are available upon request
$t+$ Includes Volkswagens produced in the $\mathrm{U} S$
(a) (a) Includes passenger vans

## BUSINESS STATISTICS: 1982

Business Statistics: 1982 is the twenty-third in a series of supplements to the monthly Survey of Current BUSINESS. It presents data for approximately 1,900 series that are shown each month in the $S$ (or "blue") pages of the Survey. The main body of the publication presents monthly data for 1979-82 and annual data for 1961-82. Appendix I provides monthly data for 1961-78 for approximately 250 of these series. Methodological notes describing sources, definitions, methods of compilation, revisions, and time span covered, follow the main body of tables.
Quarterly and annual data for 1951-82 for selected series prepared by the Bureau of Economic Analysis-National Income and Product Accounts ( 140 series), Plant and Equipment Expenditures ( 20 series), and U.S. International Transactions ( 30 series)—appear in Appendix II. Until recently these series had been shown in the blue pages of the SURVEY; now they are shown only in the white pages. Methodological notes for Appendix II follow the tables.

Business Statistics: 1982 breaks with tradition in some significant ways. The system for dating the volumes was changed. The "1982" in the title of this edition indicates the last year for which data are shown. Earlier editions were dated with odd-numbered years that usually indicated the year the edition went to press; they contained data through the previous year. Also, this edition is the first to use computerized typesetting, which makes possible more timely publication. The data in Business Statistics: 1982 contain revisions available through July 1983.
Copies of Business Statistics: 1982 will be available in December; for price and ordering instructions, call (202) 523-0769 or 523-0783.

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## In the third quarter

- Real GNP increased $71 / 2$ percent
- Real final sales increased 5 pereent
- GNP fixed-weighted price index increased $41 / 2$ percent
- Real disposable personal income increased 7 percent


GNP Fixed-Weighted Price Index

fieal Final Sales


Heal Disposehle Personal Income



[^0]:    1. Not at annual rates.

    Nore-For the third quarter of 1983, the following revised or additional major source data became available: For personal consumption expenditures, revised retail sales for August and September; for nonresidential fixed investment, manufacturers
    shipments of equipment for August (revised) and September, construction put in place for August (revised) and September, and a partial tabulation of business expenditures for plant and equipment for the quarter; for residential investment, construction put in place for August (revised) and September; for change in business inventories, book values for manufacturing and trade for August
    (revised) and September; for net exports of goods and services merchandise trade for A (revised) and September; for net exports of goods and services, merchandise trade for August (revised) and September; for
    government purchases of goods and services, Federal unified budget outlays for September, and State and local construction put in place for August (revised) and September; for wages and salaries, revised employment, average hourly earnings, and average weekly hours for August and September; for corporate profits, domestic book profits for the quarter; for GNP prices, the Consumes Price Index and the Producer Price Index for September, unit value indexes and export and import price indexes for September,
    and residential housing prices for the quarter.

[^1]:    1. Quarterly estimates in the national income and product accounts are expressed at seasonally adjusted annual rates, and quarterly changes in them are differences between these rates.
[^2]:    1. The coverage of "financial" differs from that of the finance, insurance, and real estate division of the Standard Industrial Classification (SIC). In terms of the breakdowns used in tables (such as 6.21B) that are based on the SIC, "financial" includes banking, credit agencies other than banks, security and commodity brokers and services, and insurance carriers; excludes insurance agents, brokers, and services, and real estate; and includes part of investment and other estate; and includ
    holding companies.
[^3]:    2. Capital gains and losses realized on the securities held in trading accounts by security and commodity brokers are an exception.
    3. These and other items, including an adjustment 3. These and other items, including an adjustment
    for understatement of profits on tax returns, that recfor understatement of profits on tax returns, that rec-
    oncile tax-return and NIPA profits are shown for total oncile tax-return and NIPA profits are shown for total
    corporate profits in table 8.12 in the National Income and Product Accounts Tables; see, for example, the July 1983 Survey of Current Business.;
[^4]:    the composition of output. The chain price index uses as weights the composition of output in the prior period, and therefore reflects only the change in prices between the two periods.
    However, comparisons of percent changes in the chain index also reflect changes in the composition of output. The fixed-weighted price index uses as weights the composition of output
    in 1972 . Accordingly, comparisons over any time span reflect only changes in prices.

[^5]:    1. A description of the work appears in Price Changes of Defense Purchases of the United States, U.S. Department of Commerce, Bureau of Economic Analysis (Washington, D.C.: U.S. GPO, 1979).
    2. The "other" component of national defense purchases of structures includes family housing, nuclear fuel production facilities, and net purchases of used structures.
[^6]:    3. "Revised Deflators for New Construction, 194773," Survey 54 (August 1974, Part I): 19.
[^7]:    4. Current-period NIPA estimates of military construction utilize the initial reports and subsequent July revisions utilize the final reports.
[^8]:    5. Details of the methodology and programming are available by writing to the Government Division, Bureau of Economic Analysis, U.S. Department of Bureau of Economic Analysis,
    Commerce, Washington, D.C. 20230.
[^9]:    5. BEA requires a U.S. affiliate to consolidate all of its foreign .parents' other U.S. affiliates that it owns more than 50 percent. BEA then classifies the fully consolidated affiliate in the single industry in which its sales are largest. Because sales of the consolidated entity are usually largest in the industry of the acentity are usually largest in the industry of the ac-
    quiring affiliate, data for the acquired enterprise usually, but not always, appear in that industry. They would not appear in the industry of the acquiring affiliate if the distribution of sales of the consolidated affiliate changes significantly when the acquired enterprise is included-that is, if the consolidated affiliate's sales after the acquisition are larger in either the acquired enterprise's industry or in some third industry. Also, if the acquiring affiliate has an interest of 50 percent or less in the acquired enterprise, data for the acquired enterprise will not be consolidated on the acquiring affiliate's report. Instead the data for the acquired enterprise will be reported separately and classified in its own industry.
[^10]:    6. The UBO is that person, proceeding up a U.S. affiliate's ownership chain, beginning with and including the foreign parent, that is not owned more than 50 percent by another person. The foreign parent is the first foreign person in an affiliate's ownership chain. Unlike the foreign parent, the UBO of an affiliate may be located in the United States.
[^11]:    7. U.S. affiliates that did not meet these criteria were also required to report in the benchmark survey but they filed partial reports containing only a few key items of financial and operating data. Although affiliates filing such partial reports were large in number, the values reported by them for key items were very small; taken together, they accounted for 0.6 percent or less of the values reported by all affiliates. Thus, affiliates that filed complete reports accounted for virtually all of the universe in terms of value.
[^12]:    See footnotes at end of tables

[^13]:    See footnotes at end of tables.

[^14]:    See footnotes at end of tables

[^15]:    See footnotes at end of tables.

[^16]:    See footnotes at end of tables

[^17]:    6

