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SURVEY OF CURRENT BUSINESS

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the BUSINESS SITUATION

REVISED (45-day) estimates show that real GNP increased 7½ 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

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 4½ percent.

The revisions in the third-quarter GNP do not alter the picture of economic activity described in the October "Business Situation." About one-third 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 production—profits with inventory valuation and capital consumption adjustments—increased \$28 billion to \$246 billion in the third quarter.¹ In the second quarter, they had increased a record \$36½ billion to \$218 billion (table 2).

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.

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
Billions of current dollars					
GNP.....	3,363.3	3,360.3	-3.0	11.6	11.2
Personal consumption expenditures.....	2,186.5	2,182.9	-3.6	7.6	6.9
Nonresidential fixed investment.....	348.4	349.6	1.2	15.3	16.9
Residential investment.....	140.7	139.9	-.8	44.5	41.1
Change in business inventories.....	11.8	8.7	-3.1		
Net exports.....	-25.9	-20.2	5.7		
Government purchases.....	701.8	699.4	-2.4	11.2	9.7
National income.....		2,686.6			11.8
Compensation of employees.....	2,011.3	2,011.9	.6	8.9	9.1
Corporate profits with inventory valuation and capital consumption adjustments.....		246.2			62.0
Other.....	427.4	428.5	1.1	1.5	2.6
Personal income.....	2,761.4	2,763.2	1.8	7.2	7.5
Billions of constant (1972) dollars					
GNP.....	1,554.4	1,553.6	-.8	7.9	7.7
Personal consumption expenditures.....	1,019.2	1,018.0	-1.2	3.5	3.0
Nonresidential fixed investment.....	168.7	169.3	.6	14.6	16.3
Residential investment.....	56.9	56.2	-.7	37.0	30.1
Change in business inventories.....	4.8	3.9	-.9		
Net exports.....	8.7	10.4	1.7		
Government purchases.....	296.1	295.8	-.3	5.7	5.3
Index numbers, 1972 = 100 ¹					
GNP implicit price deflator.....	216.37	216.29	-.08	3.4	3.3
GNP fixed-weighted price index.....	225.1	225.3	.2	4.1	4.4
GNP chain price index.....				4.4	4.3

1. Not at annual rates.

NOTE.—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 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 Consumer 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.

An increase in the domestic profits of nonfinancial corporations more than accounted for the third-quarter increase. These profits increased \$28½ billion to \$194½ 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

Table 2.—Corporate Profits

(Billions of dollars, seasonally adjusted at annual rates)

	1982	1983		
	IV	I	II	III
Corporate profits with IVA and CCAAdj.....	161.9	181.8	218.2	246.2
Domestic industries.....	137.8	161.6	197.7	225.4
Financial.....	23.5	27.8	32.1	31.1
Nonfinancial.....	114.3	133.9	165.7	194.3
Rest of the world.....	24.1	20.2	20.5	20.7
Corporate profits with IVA and without CCAAdj.....	157.2	168.0	192.7	208.5
Domestic industries.....	133.1	147.8	172.2	187.8
Financial.....	25.5	29.8	33.8	32.5
Nonfinancial.....	107.6	118.0	138.4	155.3
Manufacturing.....	48.3	53.7	68.1	n.a.
Durable goods.....	1.2	10.0	18.3	n.a.
Primary metal industries.....	-6.0	-1.6	-1.1	n.a.
Fabricated metal industries.....	2.1	2.8	4.0	n.a.
Machinery except electrical.....	1.8	1.1	2.9	n.a.
Electric and electronic equipment.....	2.4	3.5	3.0	n.a.
Motor vehicles and equipment.....	-1.2	3.0	5.6	n.a.
Other.....	2.2	1.2	3.9	n.a.
Nondurable goods.....	47.1	43.6	49.9	n.a.
Food and kindred products.....	7.2	6.9	6.9	n.a.
Chemicals and allied products.....	3.0	4.8	5.5	n.a.
Petroleum and coal products.....	23.5	15.9	20.0	n.a.
Other.....	13.4	16.0	17.4	n.a.
Nonmanufacturing.....	59.3	64.4	70.3	n.a.
Rest of the world.....	24.1	20.2	20.5	20.7

IVA Inventory valuation adjustment.
CCAAdj Capital consumption adjustment.
n.a. Not available.

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 \$20½ 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 nations—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 \$36½ 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 (CCAAdj). The IVA became more negative in the third quarter, decreasing \$8 billion to -\$18½ 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 CCAAdj increased \$12 billion to \$37½ billion, following an increase of \$11½ 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 \$14½ 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 \$1½ billion to \$73½ billion, following an increase of \$½ billion. Undistributed profits increased \$13 billion to \$68 billion, following an increase of \$18½ 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 formulas (straight line). It also converts depreciation 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—\$11½ 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

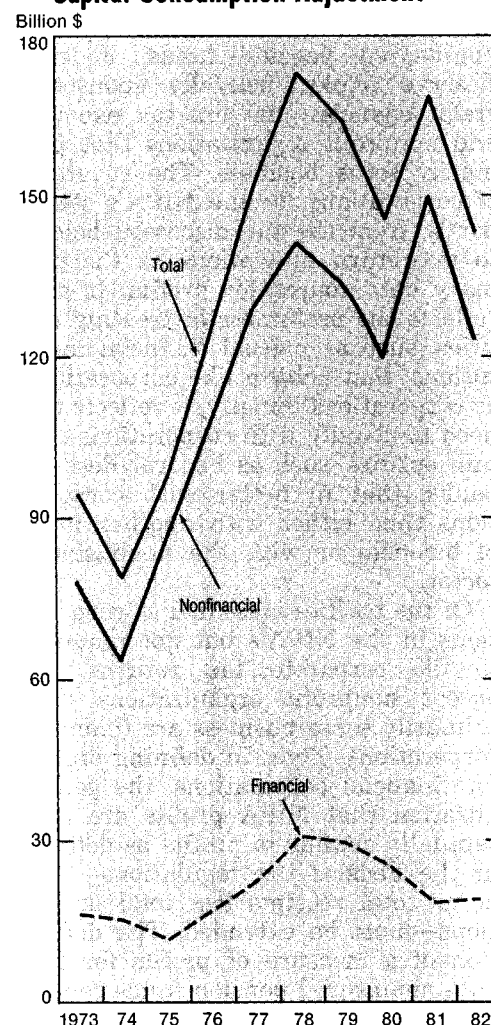
shown as a component of "domestic." ¹ Thus, what will be referred to in this Special Note as financial profits are the profits from the U.S. operations of corporations primarily engaged in financial activities. The profits of these corporations averaged about 14 percent of total domestic profits over 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.

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 holding companies.

CHART 1
Domestic Corporate Profits With
Capital Consumption Adjustment



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Table 1.—Domestic Financial Corporate Profits
[Billions of dollars]

Coverage	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Domestic financial profits with CCAdj.....	16.0	15.0	11.5	16.6	22.6	30.6	29.5	25.3	18.4	19.0
Domestic financial profits without CCAdj.....	15.9	15.0	11.8	17.1	23.1	31.0	30.3	26.9	20.3	20.9
Federal Reserve.....										
Federal Reserve banks.....	4.5	5.7	5.7	6.0	6.2	7.7	9.6	11.9	14.5	15.4
Other.....	11.4	9.3	6.2	11.1	16.9	23.3	20.7	15.0	5.8	5.5
Commercial banks.....	5.3	5.1	4.3	4.4	5.2	6.7	8.1	6.4	5.9	5.6
Thrift institutions.....	3.3	2.4	2.0	3.2	4.6	6.0	4.7	.1	-7.0	-5.8
Federally sponsored, and personal and business, credit agencies.....	.7	1.3	.6	1.1	.9	2.7	1.1	-.5	-.2	.2
Insurance carriers.....	2.4	.3	-.4	2.3	6.6	7.9	6.9	7.0	5.0	2.9
Investment-oriented institutions.....	-.3	.2	-.3	.1	-.5	0	-.1	2.0	2.0	2.6

CCAdj Capital consumption adjustment.

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 deductions—must be extended. The definition of a measure of profits for private noninsured pension funds can be taken as an example. These funds—for 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 profits—that 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

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 tax-exempt 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

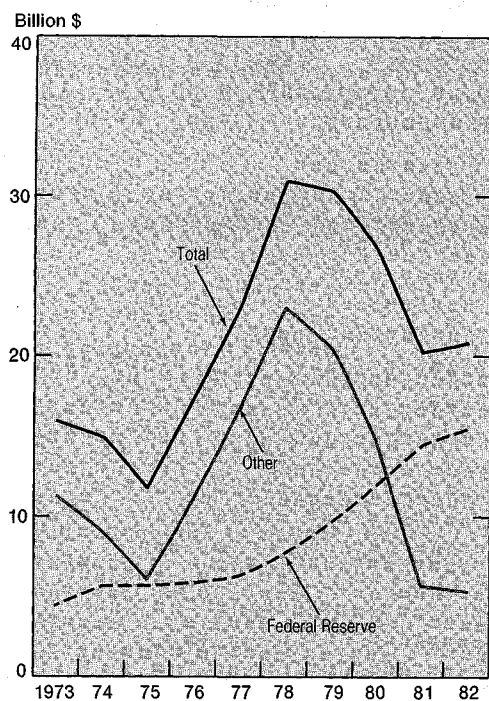
After declining moderately in 1974 and 1975, financial profits (without capital consumption adjustment) increased sharply through 1978 to \$31 billion, declined sharply through 1981, and increased slightly to \$21 billion in 1982 (chart 2). The overall pattern masks very different patterns for the major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

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 for understatement of profits on tax returns, that reconcile 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.

CHART 2

Financial Profits



NOTE.—Profits are without capital consumption adjustment.

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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.

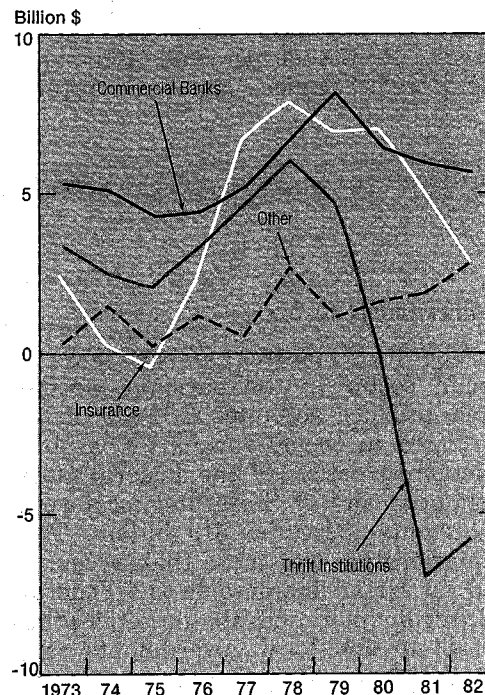
The pattern of financial profits excluding Federal Reserve profits was similar to the overall pattern except that the decline from 1978 to 1981 was even sharper and continued into

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, high-yield 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 \$6½ 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

Financial Profits Excluding Federal Reserve Profits



NOTE.—Profits are without capital consumption adjustment.

Estimates are from table 1.

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

83-11-3

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 \$5½ billion in 1982. Interest paid reflected conditions similar to those affecting savings and loan associations: generally rising interest rates and increased competitiveness—both 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 institutions—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 investment-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 \$22½ billion in the third quarter to \$188½ billion, as receipts declined and expenditures increased.

Receipts declined \$7 billion, compared with a \$29½ billion increase in the second quarter. The third-quarter decline was more than accounted for by a \$17½ 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 \$3½ billion, as corporate profits and wages and salaries continued to record strong gains.

Expenditures increased \$15½ 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 increase—\$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 \$2½ billion; agricultural purchases by the Commodity Credit Corporation (CCC) increased \$1½ 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 \$2½ 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 \$2½ billion increase under the PIK program and a \$1½ billion decline in regular payments. Grants-in-aid to State and local governments increased \$½ billion; a \$1 billion increase in highway grants was partly offset by a \$½ 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 \$3½ 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 (\$2½ billion) and in supplemental security income (SSI) benefits (\$1 billion). All types of unemployment benefits declined; regular and extended benefits, \$2½ billion each, and supplementary benefits, \$2 billion. The increase in SSI benefits included \$½ billion for a legislated benefit increase effective July 1.

For fiscal year 1983, the Federal Government deficit (on the NIPA basis) amounted to \$186½ 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 \$1½ billion higher and expenditures were \$7½ 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 \$3½ billion, to \$55½ billion, as receipts continued to increase

more than expenditures. The increase in the surplus was largely accounted for by a \$2½ 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 \$5½ 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 \$2½ billion.

Expenditures increased \$10½ billion, compared with \$5½ 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 \$4½ billion, construction, \$3½ billion, and all other purchases, \$3 billion. The increase in construction was the first since late 1982 and the largest since a \$4½ 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]

Year and quarter	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	Percent- age of potential GNP	Change from preceding period		
			Total	Due to automatic inflation effects	Due to discre- tionary policy and other factors			Total	Due to automatic inflation effects	Due to discre- tionary policy and other factors			Total	Due to automatic inflation effects	Due to discre- tionary policy 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	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
1979.....	504.9	20.5	64.3	48.1	16.2	506.9	20.6	50.4	20.4	29.9	-2.0	-1	13.9	27.7	-13.7
1980.....	576.8	20.9	71.9	57.2	14.6	593.9	21.5	87.0	29.5	57.5	-17.1	-6	-15.1	27.7	-42.9
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	15.3	6.3	9.0	391.9	20.6	2.1	1.7	.4	-6.6	-3	13.1	4.5	8.6
II.....	387.8	19.8	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
III.....	390.7	19.5	2.9	6.7	-3.8	421.9	21.1	18.1	6.5	11.6	-31.2	-1.6	-15.2	.1	-15.4
IV.....	405.3	19.8	14.6	7.4	7.3	433.3	21.2	11.4	4.5	6.9	-27.9	-1.4	3.3	2.9	.4
1978: I.....	413.3	19.8	8.0	5.6	2.4	439.3	21.0	6.0	1.0	5.0	-26.0	-1.2	1.9	4.6	-2.6
II.....	431.7	20.0	18.4	15.7	2.7	446.6	20.6	7.3	4.0	3.4	-14.9	-7	11.1	11.7	-.6
III.....	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	.4	0	11.8	8.3	3.6
II.....	499.7	20.6	14.8	11.5	3.4	491.2	20.2	6.8	1.1	5.7	8.6	.4	8.2	10.4	-2.3
III.....	510.5	20.5	10.8	11.2	-.4	515.5	20.7	24.3	12.5	11.8	-5.0	-2	-13.6	-1.3	-12.2
IV.....	524.5	20.5	14.0	9.8	4.2	536.5	21.0	21.0	5.6	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	3.5	20.3	-17.5	-7	-5.6	11.5	-17.0
II.....	561.8	20.6	19.1	18.8	.3	580.3	21.3	20.1	4.0	16.0	-18.5	-7	-1.0	14.7	-15.8
III.....	587.0	21.0	25.2	14.7	10.6	606.0	21.6	25.7	18.5	7.2	-19.0	-7	-.5	-3.9	3.4
IV.....	615.6	21.2	28.6	20.0	8.6	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
II.....	664.6	21.7	10.7	7.1	3.6	654.3	21.4	6.2	-.1	6.3	10.3	.3	4.5	7.2	-2.7
III.....	680.5	21.6	15.9	15.9	0	686.9	21.8	32.6	20.1	12.4	-6.3	-2	-16.6	-4.2	-12.4
IV.....	686.1	21.2	5.6	16.9	-11.3	708.7	21.9	21.8	8.5	13.2	-22.6	-7	-16.3	8.3	-24.6
1982: I.....	695.1	21.1	9.0	5.0	4.0	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	4.9	1.9
III.....	704.8	20.6	1.2	4.4	-3.1	743.1	21.7	32.7	11.4	21.4	-38.3	-1.1	-31.4	-6.9	-24.5
IV.....	712.3	20.4	7.5	5.2	2.3	784.8	22.5	41.7	3.8	37.8	-72.4	-2.1	-34.1	1.4	-35.6
1983: I.....	728.8	20.5	16.5	10.6	5.9	773.8	21.8	-11.0	3.9	-14.8	-45.0	-1.3	27.4	6.7	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
2. Less: Contribution of supplements.....	.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

¹Revised.

²Preliminary.

1. BLS estimates of changes in hourly compensation in the nonfarm business sector for the four quarters are 5.8, 6.8, 4.3 and 4.2 percent.

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	21.1	20.5	7.1	6.8	6.5	7.9	7.0	26.9	.9	25.9	-15.5	51.2	20.8	16.9	7.6	2.1	16.7
Missiles.....	5.7	6.1	7.8	6.7	7.7	2.4	2.4	3.6	2.8	3.2	4.4	36.7	-45.7	46.3	3.6	7.8	13.4	-6.1	13.2	1.5
Ships.....	6.1	5.7	5.8	7.3	7.1	2.5	2.3	2.3	2.9	2.8	3.6	4.1	1.7	3.4	4.1	.8	6.7	5.4	.7	.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	.7	.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 develop- ment.....	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	1.3	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
Addenda:																				
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
IVA Inventory valuation adjustment
NIPA's National income and product accounts
p Preliminary
r Revised

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	III *			II	III	IV	I	II	III *
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
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.....	236.1	244.5	242.9	243.4	252.1	258.5	277.7	284.5	141.2	139.8	139.5	138.2	143.2	145.8	156.5	158.8
Nondurable goods.....	733.9	761.0	754.7	766.6	773.0	777.1	799.6	814.8	362.5	364.2	363.5	364.7	366.0	368.9	374.7	378.1
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.....	456.5	439.1	443.7	430.2	433.8	443.5	464.6	489.5	219.1	203.9	204.9	199.8	201.1	205.4	215.6	225.5
Nonresidential.....	352.2	348.3	352.7	342.3	337.0	332.1	336.3	349.6	174.4	166.1	167.1	163.3	160.5	159.9	163.0	169.3
Structures.....	133.4	141.9	144.2	140.0	138.6	132.9	127.4	130.1	52.5	53.4	54.0	53.0	52.2	50.3	48.3	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	114.7	119.9
Residential.....	104.3	90.8	91.0	87.9	96.8	111.3	128.4	139.9	44.7	37.8	37.8	36.5	40.6	45.5	52.6	56.2
Nonfarm structures.....	99.8	86.0	86.1	83.4	91.2	106.7	123.3	134.7	42.1	35.2	35.2	34.1	37.8	43.0	50.0	53.5
Farm structures.....	1.3	1.5	1.6	1.3	2.3	1.3	1.5	1.6	.5	.6	.7	.5	.9	.5	.6	.6
Producers' durable equipment.....	3.2	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	2.1
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
Nonfarm.....	10.9	-23.1	-8.8	-2.3	-53.7	-39.0	-10.3	18.8	5.1	-8.6	-2.2	.1	-21.1	-15.1	-3.3	9.0
Farm.....	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.....	26.3	17.4	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.....	368.8	347.6	364.5	346.0	321.6	326.9	327.1	341.1	159.7	147.3	154.5	146.4	136.5	137.3	136.2	140.6
Imports.....	342.5	330.2	331.2	345.0	316.1	309.9	335.6	361.3	116.7	118.4	121.1	122.4	113.5	116.8	123.9	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	117.6	119.3
National defense.....	154.0	179.4	175.2	183.6	190.8	194.4	199.4	201.9	73.6	78.8	77.8	80.4	81.4	82.7	84.2	84.6
Nondefense.....	75.2	79.3	68.9	78.1	88.5	79.1	74.3	77.0	36.8	37.8	32.5	36.5	43.0	35.7	33.4	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

	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 national product.....																
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	-15.5	-2.5	6.4	-45.0	-38.2	-8.9	14.2	1.6	-6.5	-1.1	3.2	-18.9	-15.7	-3.7	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	386.7	395.6	395.6	394.5	398.7
Final sales.....	749.1	789.1	785.2	779.5	802.2	810.6	815.7	824.3	391.7	394.9	391.6	391.3	399.4	395.2	396.1	401.1
Change in business inventories.....	14.8	-9.1	-8.7	-11.3	-11.4	-1.2	-5.7	-5.5	6.9	-2.9	-2.3	-4.6	-3.8	.3	-1.7	-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

	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 national product.....																
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	1,260.4	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	333.7	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	233.8	233.8	238.1	242.6	106.0	105.6	106.0	105.4	105.1	105.1	105.2	105.2
Rest of the world.....	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
Addendum:																
Gross domestic business product less housing.....	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 rates					
			1982			1983						1982			1983		
			II	III	IV	I	II	III				II	III	IV	I	II	III
Gross domestic product of corporate business.....	1,854.5	1,897.1	1,898.7	1,909.4	1,903.2	1,954.2	2,036.5	2,102.9	Net domestic product.....	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	202.9	222.0	220.2	224.5	227.7	228.3	229.8	233.1	Indirect business tax and nontax liability plus business transfer payments less subsidies.....	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.....	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 payments less subsidies.....	184.8	187.6	186.3	188.4	191.4	195.6	207.3	211.0	Compensation of employees.....	1,155.8	1,198.6	1,199.7	1,205.6	1,201.2	1,222.4	1,253.9	1,283.8
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	Wages and salaries.....	966.1	997.3	998.7	1,003.1	998.2	1,012.0	1,037.2	1,060.5
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	Supplements to wages and salaries.....	189.7	201.3	201.0	202.6	203.0	210.4	216.7	223.3
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	Corporate profits with IVA and CCAdj	150.2	124.0	126.5	127.5	114.3	133.9	165.7	194.3
Supplements to wages and salaries.....	202.5	216.4	215.9	217.9	218.9	226.7	233.5	240.6	Profits before tax.....	183.0	131.5	136.6	134.4	117.9	119.7	149.0	173.9
Corporate profits with IVA and CCAdj	168.7	143.0	145.0	147.8	137.8	161.6	197.7	225.4	Profits tax liability	65.5	41.2	43.6	42.0	33.6	41.8	55.0	64.0
Profits before tax.....	203.3	152.4	157.1	156.6	143.4	149.5	182.8	206.4	Profits after tax.....	117.5	90.3	93.0	92.4	84.4	77.9	94.0	109.9
Profits tax liability.....	82.8	59.2	61.4	60.8	54.0	61.5	76.0	85.2	Dividends.....	53.5	57.2	55.7	58.5	59.2	63.3	65.6	63.3
Profits after tax.....	120.5	93.2	95.6	95.8	89.4	88.0	106.7	121.2	Undistributed profits.....	64.0	33.1	37.3	33.9	25.1	14.5	28.4	46.5
Dividends.....	50.3	54.4	53.3	55.5	56.7	60.6	62.9	60.6	IVA.....	-23.6	-8.4	-8.5	-9.0	-10.3	-1.7	-10.6	-18.6
Undistributed profits.....	70.2	38.8	42.3	40.3	32.6	27.4	43.9	60.6	CCAdj	-9.1	.8	-1.6	2.1	6.7	15.9	27.3	39.1
IVA.....	-23.6	-8.4	-8.5	-9.0	-10.3	-1.7	-10.6	-18.6	Net interest.....	65.2	65.2	67.9	61.8	61.9	59.7	58.6	58.7
CCAdj	-11.0	-1.1	-3.5	.1	4.7	13.9	25.6	37.6	Billions of 1972 dollars								
Net interest.....	68.1	62.3	65.0	58.0	57.1	55.1	54.0	54.2	Gross domestic product of nonfinancial corporate business.....	887.5	857.7	860.5	859.5	846.4	856.0	885.8	909.8
Gross domestic product of financial corporate business.....	114.6	120.4	118.4	122.6	128.2	136.5	144.1	145.4	Capital consumption allowances with CCAdj	93.2	96.8	96.4	97.2	98.2	98.9	99.8	101.1
Gross domestic product of non-financial corporate business.....	1,739.9	1,776.7	1,780.2	1,786.8	1,775.0	1,817.6	1,892.4	1,957.5	Net domestic product.....	794.3	760.9	764.1	762.3	748.2	757.2	786.0	808.7
Capital consumption allowances with CCAdj	192.2	210.0	208.4	212.3	215.1	215.3	216.7	219.6	Indirect business tax and nontax liability plus business transfer payments less subsidies.....	95.0	94.2	94.7	94.0	93.9	96.4	97.5	99.1
									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 employees	1,769.2	1,865.7	1,859.9	1,879.5	1,889.0	1,923.7	1,968.7	2,011.9
Wages and salaries	1,493.2	1,568.1	1,563.9	1,579.8	1,586.0	1,610.6	1,647.1	1,681.6
Government and government enterprises	284.5	306.0	303.1	307.7	314.5	319.2	323.3	328.4
Other	1,208.8	1,262.1	1,260.8	1,272.1	1,271.5	1,291.5	1,323.8	1,353.2
Supplements to wages and salaries	276.0	297.6	296.0	299.7	302.9	313.1	321.6	330.3
Employer contributions for social insurance	132.5	140.9	140.6	141.5	142.5	148.8	151.5	153.9
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	120.2	109.0	104.9	103.6	116.2	120.6	127.2	128.9
Farm	30.5	21.5	16.8	15.8	26.0	22.2	21.0	17.8
Proprietors' income with IVA	38.4	29.9	25.1	24.2	34.6	30.6	29.4	26.2
CCAdj	-8.0	-8.4	-8.3	-8.4	-8.6	-8.4	-8.4	-8.4
Nonfarm	89.7	87.4	88.1	87.8	90.2	98.4	106.2	111.1
Proprietors' income	90.1	84.2	85.3	84.5	86.0	91.0	96.8	100.6
IVA	-1.5	-6	-8	-7	-8	-2	-1.1	-1.6
CCAdj	1.1	3.9	3.6	4.1	4.9	7.6	10.5	12.2
Rental income of persons with CCAdj	41.4	49.9	49.0	50.9	52.3	54.1	54.8	53.9
Rental income of persons	77.0	86.3	85.7	87.6	87.4	91.6	92.2	94.8
CCAdj	-35.6	-36.5	-36.7	-36.7	-35.2	-37.5	-37.4	-40.8
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 IVA	203.3	165.9	170.3	168.3	157.2	168.0	192.7	208.5
Profits before tax	227.0	174.2	178.8	177.3	167.5	169.7	203.3	227.2
Profits tax liability	82.8	59.2	61.4	60.8	54.0	61.5	76.0	85.2
Profits after tax	144.1	115.1	117.4	116.5	113.5	108.2	127.2	141.9
Dividends	64.7	68.7	67.8	68.8	70.4	71.4	72.0	73.7
Undistributed profits	79.5	46.4	49.5	47.7	43.1	36.7	55.2	68.2
IVA	-23.6	-8.4	-8.5	-9.0	-10.3	-1.7	-10.6	-18.6
CCAdj	-11.0	-1.1	-3.5	1	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:								
Corporate profits after tax with IVA and CCAdj	109.5	105.6	105.3	107.6	107.9	120.3	142.2	160.9
Dividends	64.7	68.7	67.8	68.8	70.4	71.4	72.0	73.7
Undistributed profits 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
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	312.6	306.7	317.5	329.5	341.8	359.0	378.5
Less: CCAdj	-57.9	-46.6	-49.4	-45.5	-38.8	-29.1	-14.3	-4.0
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 payments	12.9	14.1	14.0	14.3	14.7	15.0	15.3	15.7
Statistical discrepancy	-4.9	.5	1.7	2.5	4.2	-1.2	-3.5	1.1
Plus: Subsidies less current surplus of government enterprises	6.4	9.5	6.4	8.0	16.6	12.3	11.8	16.8
Equals: 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
Less:								
Corporate profits with IVA and CCAdj	192.3	164.8	166.8	168.5	161.9	181.8	218.2	246.2
Net interest	249.9	261.1	268.3	256.4	254.7	248.3	243.8	245.7
Contributions for social insurance	237.0	253.0	252.4	254.3	255.4	265.4	270.1	274.4
Wage accruals less disbursements	.1	0	0	0	0	0	-1.3	-4
Plus:								
Government transfer payments to persons	324.3	260.4	350.3	366.1	384.3	383.6	390.0	386.9
Personal interest income	341.3	366.2	371.9	364.8	363.1	357.2	357.1	369.0
Personal dividend income	62.8	66.4	65.6	66.4	67.9	68.8	69.3	70.9
Business transfer payments	12.9	14.1	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
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
Wage and salary disbursements..	1,493.2	1,568.1	1,563.8	1,579.8	1,586.0	1,610.7	1,648.4	1,682.0
Commodity-producing industries.....	509.5	509.2	513.7	508.9	499.5	508.6	522.2	537.8
Manufacturing.....	385.3	383.8	386.8	384.8	377.4	385.4	397.4	409.1
Distributive industries.....	361.6	378.8	378.1	381.9	383.5	386.4	394.3	399.1
Service industries.....	337.7	374.1	369.1	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.....	120.2	109.0	104.9	103.6	116.2	120.6	127.2	128.9
Farm.....	30.5	21.5	16.8	15.8	26.0	22.2	21.0	17.8
Nonfarm.....	89.7	87.4	88.1	87.8	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.....	182.0	204.5	197.3	209.3	216.5	217.4	221.1	223.8
Government unemployment insurance benefits.....	15.6	24.8	23.2	24.9	32.2	29.0	30.0	22.9
Veterans benefits.....	16.1	16.4	16.2	16.3	16.6	16.9	16.6	16.6
Government employees retirement benefits.....	49.3	54.2	54.5	55.1	55.8	56.6	58.3	59.3
Other transfer payments.....	74.2	74.6	73.0	74.9	77.9	78.7	79.3	80.0
Aid to families with dependent children.....	13.5	13.4	13.4	13.3	13.5	14.1	14.4	14.1
Other.....	60.8	61.2	59.7	61.6	64.3	64.5	64.9	65.9
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
Equals: Disposable personal income.....	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:								
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.....	8,906	9,377	9,315	9,430	9,562	9,661	9,834	10,075
1972 dollars.....	4,587	4,567	4,574	4,558	4,576	4,599	4,629	4,699
Population (millions).....	229,916	232,118	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
Current-dollar cost and profit per unit of constant-dollar gross domestic product ¹	1.960	2.072	2.069	2.079	2.097	2.123	2.136	2.152
Capital consumption allowances with CCAdj.....	.217	.245	.242	.247	.254	.252	.245	.241
Net domestic product.....	1.744	1.827	1.827	1.832	1.843	1.872	1.892	1.910
Indirect business tax and nontax liability plus business transfer payments less subsidies.....	.199	.209	.207	.209	.215	.218	.223	.221
Domestic income.....	1.545	1.618	1.620	1.623	1.627	1.654	1.669	1.689
Compensation of employees.....	1.302	1.397	1.394	1.403	1.419	1.428	1.416	1.411
Corporate profits with IVA and CCAdj.....	.169	.145	.147	.148	.135	.156	.187	.214
Profits tax liability.....	.074	.048	.051	.049	.040	.049	.062	.070
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	2,182.9
Durable goods.....	236.1	244.5	242.9	243.4	252.1	258.5	277.7	284.5
Motor vehicles and parts.....	101.6	109.9	107.6	109.4	116.1	118.4	133.9	137.3
Furniture and household equipment.....	93.3	93.5	93.9	93.5	94.9	97.3	100.8	103.0
Other.....	41.2	41.1	41.4	40.5	41.0	42.9	43.1	44.2
Nondurable goods.....	733.9	761.0	754.7	766.6	773.0	777.1	799.6	814.8
Food.....	375.9	396.9	394.7	400.4	404.5	411.7	419.6	426.4
Clothing and shoes.....	115.3	119.0	119.0	119.2	119.6	120.0	126.4	125.2
Gasoline and oil.....	94.6	91.5	89.6	91.3	91.1	87.3	90.3	93.1
Other nondurable goods.....	148.1	153.5	151.5	155.6	157.9	158.1	163.3	170.1
Fuel oil and coal.....	20.7	20.0	19.6	20.9	20.2	17.7	21.2	23.1
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.....	302.0	334.1	329.7	337.8	345.2	352.6	359.5	367.2
Household operation.....	128.4	144.3	144.6	145.2	147.1	145.9	155.4	156.4
Electricity and gas.....	66.8	76.3	77.2	76.2	76.8	74.1	82.8	83.3
Other.....	61.6	68.0	67.4	69.0	70.3	71.8	72.6	73.1
Transportation.....	65.5	68.4	68.0	69.8	69.2	70.1	70.9	71.6
Other.....	391.3	439.6	432.9	446.1	460.3	468.8	483.9	488.5
Personal consumption 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.....	56.0	57.4	56.5	56.4	60.5	60.9	69.1	70.0
Furniture and household equipment.....	61.7	59.7	60.1	59.6	60.2	61.7	63.9	65.2
Other.....	23.5	22.7	22.9	22.3	22.5	23.3	23.4	23.6
Nondurable goods.....	362.5	364.2	363.5	364.7	366.0	368.9	374.7	378.1
Food.....	181.8	184.0	182.9	184.8	186.4	188.2	189.4	193.1
Clothing and shoes.....	83.2	84.4	84.4	84.1	84.5	84.7	88.4	86.1
Gasoline and oil.....	25.2	25.6	26.2	25.3	25.2	26.3	26.3	26.3
Other nondurable goods.....	72.3	70.2	70.0	70.6	70.0	69.7	70.7	72.6
Fuel oil and coal.....	3.6	3.5	3.6	3.7	3.4	3.3	4.1	4.4
Other.....	68.7	66.6	66.5	66.9	66.6	66.4	66.6	68.2
Services.....	453.1	466.2	465.7	468.2	470.4	472.0	479.4	481.1
Housing.....	166.7	171.3	171.0	171.7	172.4	174.0	175.5	177.0
Household operation.....	63.0	63.5	64.2	63.5	63.0	61.9	64.2	64.4
Electricity and gas.....	24.8	24.9	25.6	24.7	23.9	23.0	25.1	25.3
Other.....	38.2	38.6	38.5	38.8	39.1	39.0	39.1	39.1
Transportation.....	32.3	31.7	31.9	32.0	31.4	31.2	31.4	31.6
Other.....	191.1	199.6	198.7	201.0	203.5	204.8	208.2	208.1

Table 5.1.—Gross Saving and Investment

	Billions of dollars							
	1981	1982	Seasonally adjusted at annual rates					
			1982			1983		
			II	III	IV	I	II	III
Gross saving.....	483.8	405.8	439.5	397.9	351.3	398.5	420.6	452.0
Gross private saving.....	509.6	521.6	520.7	524.9	526.6	541.5	535.0	585.2
Personal saving.....	135.3	125.4	127.1	123.0	120.8	121.7	91.5	115.5
Undistributed corporate profits with IVA and CCAdj.....	44.8	37.0	37.5	38.9	37.5	48.9	70.1	87.2
Undistributed profits.....	79.5	46.4	49.5	47.7	43.1	36.7	55.2	68.2
IVA.....	-23.6	-8.4	-8.5	-9.0	-10.3	-1.7	-10.6	-18.6
CCAdj.....	-11.0	-1.1	-3.5	.1	4.7	13.9	25.6	37.6
Capital consumption allowances with CCAdj:								
Corporate.....	202.9	222.0	220.2	224.5	227.7	228.3	229.8	233.1
Noncorporate.....	126.6	137.2	135.9	138.5	140.5	142.6	143.5	149.4
Wage accruals less disbursements.....	0	0	0	0	0	0	0	0
Government surplus or deficit (-), NIPA's.....	-26.9	-115.8	-81.2	-127.0	-175.3	-142.9	-114.4	-133.3
Federal.....	-62.2	-147.1	-113.2	-158.3	-208.2	-183.3	-166.1	-188.5
State and local.....	35.3	31.3	32.0	31.3	32.9	40.4	51.7	55.3
Capital grants received by the United States (net).....	1.1	0	0	0	0	0	0	0
Gross investment.....	478.9	406.2	441.3	400.5	355.5	397.4	417.1	453.0
Gross private domestic investment.....	474.9	414.5	432.5	425.3	377.4	404.1	450.1	498.2
Net foreign investment.....	4.0	-8.3	8.7	-24.8	-21.9	-6.7	-33.0	-45.2
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	II	III
Receipts.....	627.0	617.4	622.2	615.2	612.6	623.3	652.6	645.6
Personal tax and nontax receipts.....	298.6	304.7	308.5	300.6	303.0	297.7	304.2	286.9
Income taxes.....	291.4	296.7	300.3	293.0	296.7	291.7	297.8	280.3
Estate and gift taxes.....	7.0	7.6	8.0	7.3	6.0	5.7	6.1	6.3
Nontaxes.....	.3	.3	.3	.3	.3	.3	.3	.3
Corporate profits tax accruals.....	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	48.6	56.0	55.6
Excise taxes.....	41.7	32.4	31.3	31.7	32.4	33.3	38.6	37.0
Customs duties.....	8.6	8.6	8.7	8.4	8.3	7.5	8.9	9.8
Nontaxes.....	6.1	7.3	7.7	7.8	7.6	7.7	8.4	8.8
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.....	154.0	179.4	175.2	183.6	190.3	194.4	199.4	201.9
Nondefense.....	75.2	79.3	68.9	78.1	88.5	79.1	74.3	77.0
Transfer payments.....	286.6	321.1	311.2	325.9	344.8	340.3	347.0	343.6
To persons.....	280.9	314.8	305.3	320.1	337.2	335.3	341.0	337.7
To foreigners.....	5.7	6.3	5.9	5.8	7.6	5.0	6.0	5.9
Grants-in-aid to State and local governments.....	87.9	83.9	85.1	83.0	85.0	85.8	86.7	87.2
Net interest paid.....	73.2	84.9	82.3	88.6	89.1	88.4	91.8	100.7
Interest paid.....	91.6	107.7	104.9	111.7	112.6	113.0	116.0	125.8
To persons and business.....	74.8	89.5	87.4	92.8	93.8	95.4	98.6	107.8
To foreigners.....	16.8	18.2	17.4	18.9	18.8	17.6	17.4	18.0
Less: Interest received.....	18.4	22.8	22.5	23.1	23.5	24.6	24.2	25.1
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	-.2	-.5	-.4
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.....	-10.9	-29.0	-22.0	-34.3	-43.9	-32.0	-21.4	-26.0
Other.....	-51.3	-118.0	-91.2	-124.1	-164.3	-151.4	-134.7	-162.6

Table 3.3.—State and Local Government Receipts and Expenditures

	1981	1982	1983	1984	1985	1986	1987	1988
Receipts.....	418.1	439.1	436.8	442.8	450.7	461.7	478.7	492.6
Personal tax and nontax receipts.....	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 grants-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 employees.....	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 persons.....	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	-6.3	-6.2	-6.3	-6.4	-6.5
Subsidies.....	.4	.5	.4	.5	.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.....	4.4	-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.....	195.14	206.88	206.15	208.03	210.00	212.83	214.55	216.29
Personal consumption expenditures.....	194.1	205.3	203.6	206.9	209.0	210.1	212.5	214.4
Durable goods.....	167.3	174.8	174.2	176.1	176.1	177.3	177.5	179.2
Nondurable goods.....	202.5	209.0	207.6	210.2	211.2	210.6	213.4	215.5
Services.....	195.8	211.6	209.4	213.4	217.2	219.8	223.1	225.2
Gross private domestic investment.....	208.4	215.3	216.6	215.3	215.7	215.9	215.5	217.1
Fixed investment.....	201.9	209.7	211.1	209.6	209.9	207.7	206.3	206.5
Nonresidential.....	254.2	265.8	267.1	264.3	265.4	264.0	263.7	263.3
Structures.....	179.5	183.1	184.4	183.3	183.2	181.8	182.1	183.2
Producers' durable equipment.....	233.5	240.2	240.9	240.9	238.4	244.9	243.9	249.0
Residential.....	237.1	244.0	244.8	244.9	241.5	248.2	246.8	251.9
Nonfarm structures.....	234.0	245.9	246.5	242.4	249.9	248.2	249.8	251.9
Farm structures.....	159.3	168.7	168.2	169.8	171.1	171.7	171.5	172.6
Producers' durable equipment.....								
Change in business inventories.....								
Net exports of goods and services.....	230.8	236.0	236.0	236.3	235.6	238.0	240.2	242.5
Exports.....	238.4	278.9	273.6	281.8	278.5	265.4	270.7	277.4
Imports.....								
Government purchases of goods and services.....	207.9	222.5	221.0	224.4	226.8	231.3	234.0	236.4
Federal.....	207.7	222.0	221.3	223.8	224.4	230.9	232.7	233.7
National defense.....	209.3	227.7	225.1	228.3	234.3	234.9	236.7	238.6
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
Gross national product.....	201.8	214.7	213.1	216.2	218.7	220.6	222.9	225.3
Personal consumption expenditures.....	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.....	221.1	231.5	231.5	232.8	232.5	235.6	235.2	237.4
Fixed investment.....	213.7	225.7	225.2	227.2	228.6	229.9	230.1	230.9
Nonresidential.....	236.6	246.2	246.1	246.9	248.2	248.1	247.5	248.4
Structures.....	200.6	214.0	213.2	215.9	217.4	219.4	220.1	220.8
Producers' durable equipment.....	235.0	242.4	243.4	243.3	240.0	246.5	244.9	249.7
Residential.....								
Change in business inventories.....								
Net exports of goods and services.....	238.3	244.1	244.8	244.2	243.9	245.8	247.4	249.8
Exports.....	319.4	309.4	309.1	306.7	306.1	303.2	298.2	299.3
Imports.....								
Government purchases of goods and services.....	212.2	226.4	224.6	227.5	231.4	233.7	235.2	238.2
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	215.0	213.0	215.8	219.7	221.7	221.9	223.3
State and local.....	210.4	223.6	221.9	225.3	228.6	231.5	234.5	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	207.0	218.9	217.3	220.3	222.8	224.3	226.2	228.6
Personal consumption expenditures, food.....	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.....	201.8	214.7	213.2	216.3	218.8	220.6	223.0	225.4
Business.....	203.0	215.2	213.8	216.8	218.8	220.8	223.0	225.4
Nonfarm.....	202.8	215.2						

Table 7.1-7.2:

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

	Percent		Percent at annual rates								Percent		Percent at annual rates						
	1981	1982	Seasonally adjusted								1981	1982	Seasonally adjusted						
			1982			1983							1982			1983			
			II	III	IV	I	II	III		II			III	IV	I	II	III		
Gross national product:																			
Current dollars.....	12.2	4.0	6.6	2.7	2.5	8.2	13.3	11.2											
1972 dollars.....	2.6	-1.9	1.0	-1.0	-1.3	2.6	9.7	7.7											
Implicit price deflator.....	9.4	6.0	5.6	3.7	3.8	5.5	3.8	3.3											
Chain price index.....	9.4	6.5	5.2	5.9	5.0	3.6	4.3	4.3											
Fixed-weighted price index.....	9.5	6.4	4.7	5.9	4.7	3.4	4.3	4.4											
Personal consumption expenditures:																			
Current dollars.....	11.3	7.3	7.2	7.5	7.8	5.2	15.1	6.9											
1972 dollars.....	2.7	1.4	3.1	.9	3.6	2.9	10.0	3.0											
Implicit price deflator.....	8.4	5.8	4.0	6.5	4.1	2.2	4.6	3.8											
Chain price index.....	9.0	5.9	3.9	6.4	5.1	2.3	4.7	3.8											
Fixed-weighted price index.....	9.2	5.7	3.5	6.7	5.1	1.6	4.9	4.0											
Durable goods:																			
Current dollars.....	10.0	3.5	6.0	.7	15.1	10.7	33.2	10.2											
1972 dollars.....	2.7	-.9	3.0	-3.7	15.2	7.6	32.6	6.2											
Implicit price deflators.....	7.1	4.5	2.9	4.5	-1	2.8	.5	3.8											
Chain price index.....	7.5	4.7	4.0	2.9	1.5	2.1	1.1	3.6											
Fixed-weighted price index.....	7.7	5.0	4.4	3.5	1.4	2.1	1.9	4.1											
Nondurable goods:																			
Current dollars.....	9.7	3.7	2.7	6.4	3.4	2.1	12.1	7.8											
1972 dollars.....	1.9	.5	1.1	1.3	1.5	3.2	6.4	3.6											
Implicit price deflator.....	7.7	3.2	1.6	5.1	1.9	-1.1	5.3	4.1											
Chain price index.....	8.4	3.2	.8	5.5	2.6	-1.9	5.3	2.8											
Fixed-weighted price index.....	8.7	2.9	-.1	5.9	2.9	-3.1	5.1	3.0											
Services:																			
Current dollars.....	13.1	11.2	11.2	10.1	9.5	6.3	13.0	5.3											
1972 dollars.....	3.3	2.9	4.7	2.1	1.9	1.4	6.4	1.5											
Implicit price deflator.....	9.5	8.1	6.1	7.8	7.4	4.8	6.2	3.7											
Chain price index.....	9.9	8.4	6.4	8.1	8.0	5.7	5.2	4.5											
Fixed-weighted price index.....	10.2	8.6	6.8	8.4	8.3	5.9	5.5	4.9											
Gross private domestic investment:																			
Current dollars.....	18.2	-12.7	9.5	-6.5	-38.0	31.5	53.9	50.1											
1972 dollars.....	9.1	-14.5	3.4	-5.8	-34.6	28.6	49.8	41.7											
Implicit price deflator.....																			
Chain price index.....																			
Fixed-weighted price index.....																			
Fixed investment:																			
Current dollars.....	10.9	-3.8	-4.2	-11.7	3.4	9.2	20.5	23.2											
1972 dollars.....	2.9	-6.9	-9.3	-9.6	2.7	8.8	21.5	19.5											
Implicit price deflator.....	7.8	3.3	5.5	-2.3	.6	.4	-.8	3.1											
Chain price index.....	8.5	5.2	4.0	2.3	.5	2.8	-1.0	2.6											
Fixed-weighted price index.....	8.3	4.7	3.2	2.3	-.5	5.4	-.7	3.7											
Nonresidential:																			
Current dollars.....	14.1	-1.1	-9.1	-11.3	-6.0	-5.7	5.1	16.9											
1972 dollars.....	5.2	-4.7	-14.3	-8.8	-6.6	-1.5	7.9	16.3											
Implicit price deflator.....	8.4	3.8	6.0	-2.8	.6	-4.2	-2.6	.5											
Chain price index.....	9.0	5.8	4.9	3.0	2.0	.5	-.5	.6											
Fixed-weighted price index.....	9.1	5.6	5.1	3.7	2.4	2.3	.3	1.4											
Structures:																			
Current dollars.....	20.2	6.4	-1.5	-10.9	-4.0	-15.6	-15.3	8.5											
1972 dollars.....	7.5	1.8	-2.6	-7.2	-5.5	-13.9	-14.9	9.0											
Implicit price deflator.....	11.8	4.6	1.1	-4.1	1.6	-2.0	-.5	-.5											
Chain price index.....	9.6	5.1	4.2	1.2	1.4	-2.7	-2.9	.3											
Fixed-weighted price index.....	8.0	4.1	4.0	1.4	2.0	-.1	-1.0	1.5											
Producers' durable equipment:																			
Current dollars.....	10.6	-5.7	-14.0	-11.6	-7.4	1.8	20.6	22.2											
1972 dollars.....	4.2	-7.5	-19.3	-9.6	-7.1	5.0	19.8	19.4											
Implicit price deflator.....	6.1	2.0	6.5	-2.2	-.3	-3.0	.7	2.3											
Chain price index.....	8.6	6.2	5.4	4.2	2.4	2.8	1.1	.8											
Fixed-weighted price index.....	9.8	6.7	5.8	5.2	2.6	3.8	1.2	1.3											
Residential:																			
Current dollars.....	1.4	-13.0	18.2	-13.0	46.9	75.3	76.7	41.1											
1972 dollars.....	-5.2	-15.4	17.9	-13.0	53.2	57.3	79.5	30.1											
Implicit price deflator.....	6.9	2.9	.2	-.1	-4.1	11.4	-1.6	8.5											
Chain price index.....	7.1	3.2	.2	-.1	-5.2	11.2	-2.5	8.0											
Fixed-weighted price index.....	7.1	3.1		-.2	-5.4	11.4	-2.6	8.1											
Exports:																			
Current dollars.....	8.9	-5.7	7.0	-18.9	-25.3	6.8	.2	18.2											
1972 dollars.....	.4	-7.8	7.2	-19.2	-24.4	2.4	-3.2	13.7											
Implicit price deflator.....	8.4	2.2	-.2	-.4	-1.1	4.3	3.6	4.0											
Chain price index.....	9.1	2.6	1.9	-.8	-.2	3.6	3.1	4.1											
Fixed-weighted price index.....	9.1	2.4	1.9	-1.0	-.5	3.2	2.6	3.8											
Imports:																			
Current dollars.....	8.8	-3.6	3.3	17.7	-29.6	-7.5	37.4	34.3											
1972 dollars.....	7.3	1.4	16.4	4.5	-26.1	12.1	26.8	22.0											
Implicit price deflator.....	1.4	-5.0	-11.2	12.6	-4.6	-17.5	8.3	10.1											
Chain price index.....	6.2	-2.0	-5.6	-3.0	-.9	-2.6	-3.0	1.0											
Fixed-weighted price index.....	4.9	-3.1	-7.9	-3.2	-.8	-3.8	-6.3	1.4											
Government purchases of goods and services:																			
Current dollars.....	10.8	9.0	1.2	16.1	15.5	-1.3	3.6	9.7											
1972 dollars.....	.8	1.8	-5.0	9.4	10.6	-8.8	-1.1	5.3											
Implicit price deflator.....	9.9	7.0	6.5	6.2	4.4	8.2	4.7	4.2											
Chain price index.....	9.5	7.2	5.5	5.8	7.2	4.7	3.6	5.6											
Fixed-weighted price index.....	9.5	6.7	4.5	5.3	7.0	4.0	2.6	5.2											
Federal:																			
Current dollars.....	16.3	12.9	-8.7	32.1	29.5	-8.0	.3	7.7											
1972 dollars.....	3.7	5.6	-14.0	26.3	23.3	-18.0	-2.8	6.0											
Implicit price deflator.....	12.1	6.9	6.2	4.6	1.0	12.2	3.2	1.6											
Chain price index.....	10.8	7.3	3.9	3.8	7.6	3.8	.6	4.9											
Fixed-weighted price index.....	11.5	7.3	2.9	3.6	8.7	2.3	-1.2	4.1											
National defense:																			
Current dollars.....	17.4	16.5	18.0	20.8	16.5	7.8	10.7	5.1											
1972 dollars.....	5.2	7.1	13.0	14.0	5.1	6.5	7.4	1.8											
Implicit price deflator.....	11.6	8.8	4.4	5.9	10.8	1.2	3.1	3.2											
Chain price index.....	11.7	8.2	4.3	3.8	8.7	3.1	.2	5.4											
Fixed-weighted price index.....	11.9	7.5	2.9	3.0	9.2	1.7	-1.8	4.7											
Nondefense:																			
Current dollars.....	14.2	5.4	-49.2	64.6	64.6	-36.0	-22.2	15.2											
1972 dollars.....	1.0	2.7	-52.2	59.8	92.5	-52.6	-23.5	17.3											
Implicit price deflator.....	13.1	2.7	6.3	3.0	-14.5	35.0	1.8	-1.8											
Chain price index.....	8.9	5.5	3.2	3.7	5.0	5.3	1.5	3.6											
Fixed-weighted price index.....	10.4	6.6	2.8	5.4	7.3	3.8	.3	2.5											
State and local:																			
Current dollars.....	7.5	6.6	8.1	6.8	6.8	3.5	5.8	11.0											
1972 dollars.....	-1.0	-.5	1.3	-.4	-.1	-1.8	0	4.7											
Implicit price deflator.....	8.6	7.1	6.7	7.2	6.9	5.4	5.8	6.0											
Chain price index.....	8.7	7.1	6.6	7.1	6.9	5.4	5.7	6.1											
Fixed-weighted price index.....	8.1	6.3	5.6	6.4	5.9	5.2	5.3	5.9											

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.

Implicit Price Deflators for Military Construction

DEVELOPMENT of reliable price indexes for construction is a long-standing 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 1½ percent of national defense purchases, are heterogeneous. They range from office buildings and laboratories, which have private-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-

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.

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.

3. "Revised Deflators for New Construction, 1947-73," *Survey* 54 (August 1974, Part I): 19.

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 fixed-weighted 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

4. Current-period NIPA estimates of military construction utilize the initial reports and subsequent July revisions utilize the final reports.

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 housing—more 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 specifications—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 fixed-weighted 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

Table 2.—Implicit Price Deflators for Military Construction, 1972-82

Year	1972=100
1972.....	100.0
1973.....	115.2
1974.....	130.7
1975.....	143.6
1976.....	144.9
1977.....	150.3
1978.....	159.6
1979.....	189.4
1980.....	202.8
1981.....	218.0
1982.....	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 1972-82 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 9½ percent. After 1975, the price of hospital construction varied some—particularly 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 projects—which can take from 3 to 6 years—were started in the early

5. Details of the methodology and programming are available by writing to the Government Division, Bureau of Economic Analysis, U.S. Department of Commerce, Washington, D.C. 20230.

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)	Dental clinics (.0022)	Military reserve maintenance shops (.0014)	Tactical equipment maintenance shops (.0121)	Applied instruction buildings (.0095)	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
1973.....	115.2	109.9	118.2	112.7	96.8	105.7	126.7	117.1	
1974.....	129.0	126.2	146.0	135.4	139.9	121.7	151.2	135.9	164.6
1975.....	147.9	154.1	168.9	136.4	167.1	154.7	157.6	138.1	166.8
1976.....	152.2	158.5	169.2	133.1	189.7	165.9	163.0	134.7	209.2
1977.....	147.9	143.7	163.6	146.7	156.0	169.9	176.9	135.6	
1978.....	141.3	139.2	150.5	170.7	139.5	186.3	192.5	130.6	260.2
1979.....	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	456.0

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 13½ percent higher than that for hospitals. 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 17½ percent compared with 13½ 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 percent—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 aberrations. 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

THIS article presents estimates of selected items on the operations of nonbank U.S. affiliates of foreign companies in 1981.¹ The estimates were obtained by expanding to universe totals the sample data collected in BEA's 1981 annual survey of foreign 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 1977-79 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

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.

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 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.

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 foreign person at the end of the enterprise's 1981 fiscal year, while the data from the survey of new investments cover investments that occurred during the 1981 calendar year. For example, the acquisition of another U.S. enterprise by an existing U.S. affiliate during calendar 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 calendar 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-to-asset 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-

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-

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 acquiring 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.

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

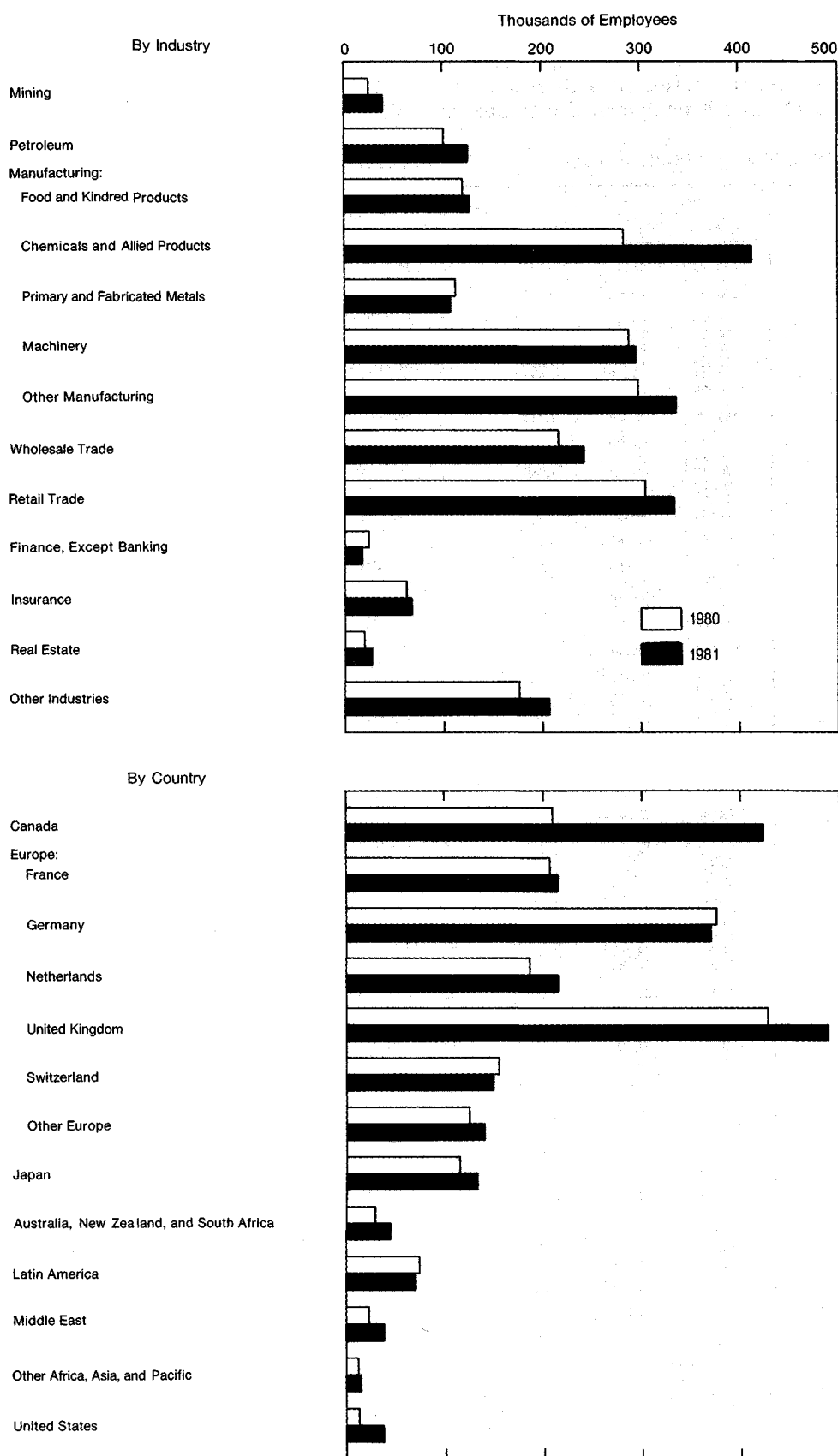
	Millions of dollars			
	1980	1981	Change	Percent change
All industries, all countries	292,033	395,032	102,999	35
By industry				
Mining	6,813	11,710	4,897	72
Petroleum	44,060	54,249	10,190	23
Manufacturing	81,684	120,523	38,839	48
Food and kindred products	8,203	12,575	4,371	53
Chemicals and allied products	26,066	49,630	23,564	90
Primary and fabricated metals	10,277	11,418	1,141	11
Machinery	17,427	21,371	3,943	23
Other manufacturing	19,690	25,530	5,840	30
Wholesale trade	50,068	76,099	26,030	52
Retail trade	9,685	10,991	1,306	13
Finance, except banking	32,291	37,101	4,810	15
Insurance	36,240	41,163	4,924	14
Real estate	19,872	27,221	7,349	37
Other industries	11,320	15,974	4,653	41
By country				
Canada	47,879	78,518	30,639	64
Europe	186,081	223,915	37,834	20
Of which:				
France	25,654	31,765	6,111	24
Germany	31,196	34,055	2,859	9
Netherlands	36,103	43,954	7,851	22
United Kingdom	56,594	68,418	11,824	21
Switzerland	22,031	28,246	6,214	28
Japan	27,626	31,505	3,878	14
Australia, New Zealand, and South Africa	6,973	30,082	23,109	331
Latin America	7,766	8,733	967	12
Middle East	7,273	12,952	5,679	78
Other Africa, Asia, and Pacific	2,840	3,286	446	16
United States	5,594	6,042	448	8

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	101,050	125,591	24,541	24
Manufacturing	1,102,804	1,280,835	178,031	16
Food and kindred products	120,354	127,137	6,783	6
Chemicals and allied products	283,401	413,212	129,811	46
Primary and fabricated metals	112,883	108,376	-4,507	-4
Machinery	288,459	295,847	7,388	3
Other manufacturing	297,707	336,263	38,556	13
Wholesale trade	217,062	242,835	25,773	12
Retail trade	304,380	334,383	30,003	10
Finance, except banking	24,790	17,536	-7,254	-29
Insurance	62,302	67,964	5,662	9
Real estate	19,748	26,942	7,194	36
Other industries	176,549	207,266	30,717	17
By country				
Canada	290,018	423,988	133,970	46
Europe	1,477,099	1,579,645	102,546	7
Of which:				
France	206,359	214,670	8,311	4
Germany	375,865	370,540	-5,325	-1
Netherlands	186,688	215,120	28,432	15
United Kingdom	428,237	489,347	61,110	14
Switzerland	154,813	149,456	-5,357	-3
Japan	115,258	133,490	18,232	16
Australia, New Zealand, and South Africa	29,231	45,055	15,824	54
Latin America	74,456	70,232	-4,224	-6
Middle East	22,800	38,171	15,371	67
Other Africa, Asia, and Pacific	11,961	15,194	3,233	27
United States	13,109	37,390	24,281	185

Employment of Nonbank U.S. Affiliates, 1980-81

CHART 4



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,

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.

where employment increased 14,000, over one-half of the increase was in Utah; it largely reflected a British-owned 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

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 Canadian-owned 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 employees—it contrasts sharply with the pattern of increases for most other States. (Employment of affiliates declined in only one other State—Vermont—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-

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.....	120,530	131,764	11,234	9
New York.....	179,292	204,393	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	-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	34,335	15,357	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	58,662	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 ¹	3,842	3,073	-769	-20
Foreign ²	936	1,272	336	36

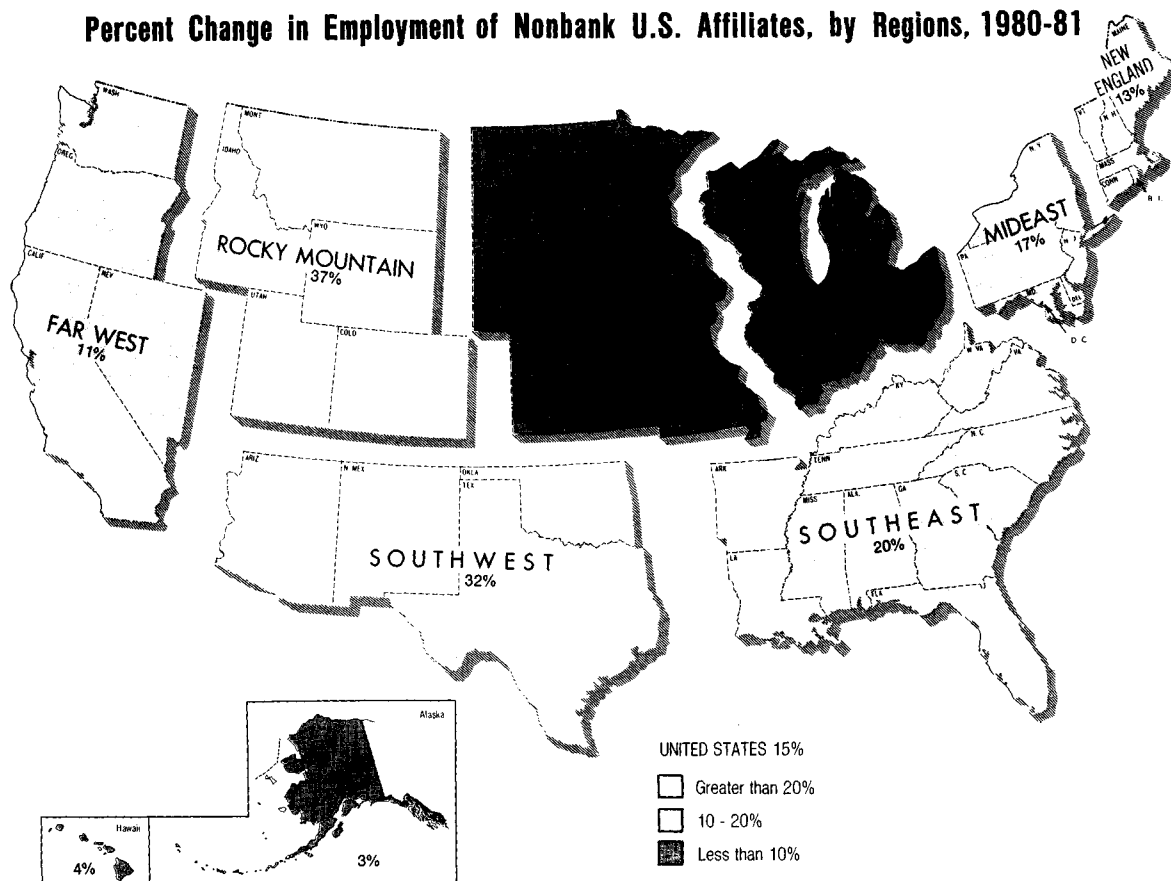
*Less than 0.5 percent ($\pm$).

1. Consists of the Virgin Islands, Guam, American Samoa, U.S. offshore oil and gas sites, and all other U.S. territories and possessions.

2. Consists of employees of U.S. affiliates working abroad.

CHART 5

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



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

83-11-5

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

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.

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 Ultimate 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.....	27,221	62.9	26,942	80.8
Other industries.....	15,974	77.4	207,266	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.....	8,738	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	U.S. exports shipped by affiliates	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	(^p)	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.....	14,544	14,489	-85	2,900	121,009	105	(^p)	11,223	1,568	1,405	1,138
Drugs.....	2,500	2,466	-109	737	33,056	10	0	1,590	280	210	187
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	(^p)	(^p)	(^p)	(^p)	3,695	(^p)	(^p)	(^p)
Other.....	1,320	1,453	31	(^p)	(^p)	(^p)	(^p)	662	(^p)	(^p)	(^p)
Primary and fabricated metals.....	10,277	12,911	349	2,607	112,883	44	(^p)	6,122	730	1,059	1,873
Primary metal industries.....	7,595	10,113	251	1,869	75,308	38	(^p)	4,942	612	854	1,673
Fabricated metal products.....	2,682	2,798	98	738	37,575	6	(^p)	1,180	118	205	200
Machinery.....	17,427	20,917	158	5,931	288,459	48	(^p)	6,547	1,353	2,939	3,450
Machinery, except electrical.....	7,645	8,941	-58	2,658	115,952	32	(^p)	2,772	399	1,498	1,437
Electric and electronic equipment.....	9,782	11,977	216	3,273	172,507	17	(^p)	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	60	98
Lumber, wood, furniture, and fixtures.....	535	696	9	129	8,889	(^p)	0	227	58	132	98
Paper and allied products.....	3,416	3,746	157	836	36,879	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	(^p)	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	(^p)	(^p)	1,711	232	1,217	953
Instruments and related products.....	1,357	1,624	-42	433	26,099	2	0	373	66	151	291
Other.....	1,019	1,304	22	368	20,838	4	(^p)	408	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	241	986	43,058	8	0	2,079	482	2,532	18,068
Metals and minerals, except petroleum.....	15,081	54,165	631	792	29,779	50	(^p)	1,400	(^p)	15,097	15,823
Other durable goods.....	13,373	60,543	108	1,763	87,200	(^p)	(^p)	1,868	416	2,673	10,476
Farm product raw materials.....	7,196	36,670	159	519	25,443	(^p)	0	1,165	(^p)	19,196	4,753
Other nondurable goods.....	4,111	12,850	63	545	31,582	25	(^p)	703	148	1,164	4,897
Retail trade.....	9,685	23,577	278	3,751	304,380	8	(^p)	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	(^p)
Retail trade, nec.....	5,135	7,541	202	1,301	101,146	3	(^p)	2,238	310	487	(^p)
Finance, except banking.....	32,291	4,755	379	844	24,790	3	(^p)	585	238	(^p)	10
Insurance.....	36,240	14,511	1,153	1,155	62,302	14	0	1,175	141	0	(^p)
Real estate.....	19,872	3,933	56	371	19,748	1,885	(^p)	16,802	2,780	(^p)	(^p)
Other industries.....	11,320	10,959	32	3,055	176,549	2,599	778	7,056	1,018	(^p)	137
Agriculture.....	1,615	670	-23	136	9,460	1,248	(^p)	1,260	112	49	11
Forestry and fishing.....	101	26	5	1	76	1,201	(^p)	86	10	(^p)	(^p)
Construction.....	2,596	4,604	-16	943	42,944	19	0	1,006	234	43	42
Transportation.....	2,388	2,162	27	763	35,949	108	(^p)	1,716	193	5	(^p)
Communication and public utilities.....	248	142	-17	39	2,304	(^p)	2	155	60	1	(^p)
Services.....	4,372	3,356	56	1,172	85,816	24	(^p)	2,834	410	35	39

^p 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

	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	U.S. exports shipped by affiliates	U.S. imports shipped to affiliates
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
Mining.....	11,710	4,904	568	1,326	39,763	^(b)	4,532	9,131	843	961	74
Petroleum.....	54,249	68,360	4,445	3,757	125,591	^(b)	40,681	48,203	6,677	1,895	9,985
Manufacturing.....	120,523	137,717	4,133	31,721	1,280,835	6,325	13,664	72,959	9,283	13,583	13,009
Food and kindred products.....	12,575	14,674	1,515	2,385	127,137	68	(*)	3,830	465	725	1,457
Chemicals and allied products.....	49,630	54,550	1,880	11,609	413,212	990	(b)	37,653	4,241	5,046	3,432
Industrial chemicals and synthetics.....	36,497	39,493	1,279	8,120	254,783	(b)	(b)	29,466	3,143	4,202	2,827
Drugs.....	2,765	2,740	22	830	31,945	11	0	1,761	249	290	161
Soap, cleaners, and toilet goods.....	3,067	4,137	133	842	30,431	4	0	1,237	139	186	132
Agricultural chemicals.....	5,748	6,392	406	(b)	(b)	(b)	(b)	4,421	627	(b)	(b)
Other.....	1,554	1,788	39	(b)	(b)	(b)	(b)	768	83	(b)	(b)
Primary and fabricated metals.....	11,418	13,762	267	2,738	108,376	(b)	(b)	6,962	1,012	1,202	1,719
Primary metal industries.....	9,019	11,123	194	2,022	74,736	(b)	(b)	5,902	888	977	1,477
Fabricated metal products.....	2,399	2,639	72	716	33,640	4	0	1,060	124	225	242
Machinery.....	21,371	24,334	268	6,964	295,847	(b)	(b)	8,600	1,439	3,693	3,340
Machinery, except electrical.....	11,765	11,953	-49	3,408	135,551	(b)	(b)	4,485	543	2,170	1,581
Electric and electronic equipment.....	9,606	12,381	317	3,555	160,296	15	0	4,115	895	1,523	1,758
Other manufacturing.....	25,530	30,396	204	8,024	336,263	4,954	(b)	15,915	2,126	2,917	3,063
Textile products and apparel.....	1,678	2,352	2	627	41,503	10	0	907	276	85	120
Lumber, wood, furniture, and fixtures.....	564	720	(*)	140	9,280	(b)	0	251	37	127	110
Paper and allied products.....	6,028	6,093	247	1,583	51,236	4,754	(b)	5,684	746	671	582
Printing and publishing.....	2,367	3,153	122	869	39,756	1	0	1,187	181	88	252
Rubber and plastics products.....	1,491	2,087	-24	520	27,639	4	(*)	919	121	79	198
Stone, clay, and glass products.....	5,017	4,556	-62	1,080	42,443	116	37	3,575	265	113	107
Transportation equipment.....	5,496	7,967	-106	2,218	71,829	28	0	2,345	344	1,367	1,221
Instruments and related products.....	1,506	1,881	-41	525	26,388	2	0	452	78	215	300
Other.....	1,383	1,587	67	462	26,189	(b)	(*)	595	78	171	175
Wholesale trade.....	76,099	221,387	1,058	5,491	242,835	352	^(b)	10,360	2,637	46,545	57,571
Motor vehicles and equipment.....	11,373	39,161	520	1,237	52,119	9	(*)	2,792	584	3,272	20,132
Metals and minerals, except petroleum.....	36,781	62,774	288	953	34,689	24	214	1,623	222	16,202	14,644
Other durable goods.....	15,172	63,340	81	1,999	93,205	182	(b)	2,549	590	2,799	12,012
Farm product raw materials.....	7,123	41,835	95	616	28,641	(b)	(b)	1,541	311	23,038	5,482
Other nondurable goods.....	5,650	14,277	73	686	34,181	(b)	(b)	1,855	931	1,234	5,301
Retail trade.....	10,991	26,907	326	4,229	334,383	8	^(*)	6,127	704	479	730
Food stores and eating and drinking places.....	5,282	18,413	22	2,755	213,082	5	0	3,492	338	15	71
Retail trade, nec.....	5,710	8,494	304	1,474	121,301	4	(*)	2,636	366	464	660
Finance, except banking.....	37,101	5,398	333	667	17,536	4	^(b)	605	188	141	49
Insurance.....	41,163	20,029	610	1,225	67,964	17	0	1,456	269	0	1
Real estate.....	27,221	5,108	96	529	26,942	2,250	^(b)	22,842	3,355	^(*)	^(*)
Other industries.....	15,974	13,935	-106	3,971	207,266	2,725	1,661	8,322	1,063	456	179
Agriculture.....	1,726	608	-60	133	9,355	1,317	(b)	1,357	102	52	(b)
Forestry and fishing.....	131	23	(*)	2	93	1,239	(b)	111	20	(b)	(*)
Construction.....	6,336	6,192	-46	1,472	55,978	36	(b)	1,792	288	309	59
Transportation.....	2,934	2,984	15	950	42,440	109	(b)	1,951	157	(b)	33
Communication and public utilities.....	224	137	-13	41	2,196	(*)	2	121	57	3	(b)
Services.....	4,622	3,992	-1	1,375	97,204	24	(b)	2,990	439	54	45

^b Suppressed to avoid disclosure of data of individual companies.

*Less than \$500,000 (±) 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		Land owned	Mineral rights owned and leased	Gross book value of property, plant, and equipment	Expenditures for new plant and equipment	U.S. export shipped by affiliates	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	5,997	290,018	2,692	17,776	23,141	3,868	1,792	5,553
Europe.....	186,081	259,414	5,645	28,958	1,477,099	5,756	25,244	90,283	10,480	23,345	33,274
European Communities (9).....	157,959	230,040	5,431	24,942	1,266,721	4,719	25,121	81,658	9,214	19,844	28,081
Belgium.....	4,120	5,469	131	472	25,383	(^b)	(^b)	2,431	219	263	598
Denmark.....	524	940	4	215	14,890	4	1	229	(^b)	(^b)	268
France.....	25,654	40,806	280	4,697	206,359	(^b)	3,687	9,936	1,423	10,209	3,749
Germany.....	31,196	45,620	196	7,039	375,865	688	1,670	14,605	2,317	3,328	7,519
Ireland.....	413	584	1	153	8,918	(^b)	0	367	(^b)	2	(^b)
Italy.....	2,473	2,692	-120	363	15,575	(^b)	(^b)	802	62	605	763
Luxembourg.....	883	901	-2	88	4,806	17	(^b)	292	27	(^b)	(^b)
Netherlands.....	36,103	38,618	1,778	4,293	186,688	549	(^b)	28,376	2,719	1,934	6,436
United Kingdom.....	56,594	94,410	3,162	7,623	428,237	1,282	1,693	24,619	2,363	3,196	8,499
Other Europe.....	28,122	29,373	213	4,016	210,378	1,037	124	8,625	1,266	3,501	5,194
Austria.....	330	242	-5	28	1,304	(^b)	(^b)	113	18	35	103
Finland.....	380	179	-5	34	2,875	3	0	160	(^b)	5	25
Liechtenstein.....	361	396	-12	63	3,058	72	0	193	38	(^b)	108
Norway.....	335	370	-9	63	3,257	2	(^b)	143	46	26	97
Spain.....	180	119	1	12	751	115	0	60	4	1	41
Sweden.....	4,087	6,897	58	830	41,672	8	(^b)	1,132	180	385	1,969
Switzerland.....	22,031	20,627	185	2,947	154,813	714	62	6,677	853	2,898	2,498
Other.....	417	544	(*)	40	2,648	(^b)	(*)	146	(^b)	(^b)	353
Japan.....	27,626	84,207	729	2,140	115,258	56	2	5,287	1,237	19,136	27,653
Australia, New Zealand, and South Africa.....	6,973	16,350	677	624	29,231	(^b)	(^b)	1,268	190	(^b)	(^b)
Latin America.....	7,766	8,153	315	1,413	74,456	487	(^b)	4,094	666	1,241	1,196
South and Central America.....	3,516	4,355	17	399	21,084	310	(^b)	1,808	234	(^b)	1,041
Argentina.....	149	88	-1	10	769	27	0	81	15	(^b)	0
Brazil.....	113	629	-11	6	281	9	0	19	1	(^b)	93
Mexico.....	674	661	-16	80	3,939	129	1	385	35	104	279
Panama.....	1,611	1,397	35	230	12,157	17	(^b)	767	147	156	564
Venezuela.....	534	(^b)	4	19	1,109	80	5	327	(^b)	(^b)	(^b)
Other.....	434	(^b)	5	55	2,829	48	0	230	(^b)	179	(^b)
Other Western Hemisphere.....	4,250	3,798	298	1,013	53,372	177	(^b)	2,286	432	(^b)	155
Bahamas.....	864	1,161	-22	209	17,771	33	0	430	(^b)	(^b)	66
Bermuda.....	514	(^b)	1	(^b)	4,606	16	(^b)	263	(^b)	(^b)	(^b)
Netherlands Antilles.....	2,742	(^b)	327	(^b)	(^b)	113	(*)	1,499	339	(^b)	(^b)
United Kingdom Islands, Caribbean.....	122	61	-9	17	1,571	16	5	88	3	(^b)	(*)
Other.....	8	12	(*)	5	(^b)	(*)	(*)	5	1	2	2
Middle East.....	7,273	3,305	27	454	22,800	121	53	2,045	247	777	(^b)
Israel.....	681	589	17	68	3,346	(^b)	(^b)	91	24	198	(^b)
Other.....	6,593	2,716	11	386	19,454	(^b)	0	1,954	223	579	(*)
Kuwait.....	822	131	8	35	2,744	44	0	580	58	4	0
Lebanon.....	512	372	-9	72	3,397	(^b)	(^b)	238	29	75	(*)
Saudi Arabia.....	4,941	1,956	23	263	11,089	54	(^b)	900	116	(^b)	0
United Arab Emirates.....	118	34	-6	(^b)	(^b)	1	0	106	12	0	0
Other.....	201	173	-5	(^b)	(^b)	6	0	131	9	(^b)	0
Other Africa, Asia, and Pacific.....	2,840	2,572	16	204	11,961	370	0	1,173	(^b)	(^b)	(^b)
Other Africa.....	107	33	3	7	486	9	0	56	8	(^b)	(^b)
Other Asia and Pacific.....	2,733	2,539	13	197	11,475	361	0	1,117	(^b)	343	969
Hong Kong.....	1,212	1,048	32	137	8,342	335	0	830	85	158	258
Philippines.....	239	521	-10	(^b)	(^b)	5	0	122	3	25	(^b)
South Korea.....	1,124	835	-12	28	1,375	(*)	0	58	6	132	490
Other.....	159	136	2	(^b)	(^b)	21	0	108	(^b)	27	(^b)
United States.....	5,594	3,248	442	258	13,109	(^b)	(^b)	547	(^b)	(^b)	(^b)
Addenda:											
OPEC ¹	6,670	3,289	28	333	16,284	190	(^b)	2,075	225	(^b)	(^b)
Greece.....	83	8	-4	(*)	28	(^b)	(*)	75	(^b)	0	(^b)
By industry:											
Government.....	7,319	7,784	-196	1,588	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
Agriculture.....	592	1,959	-29	86	5,715	(^b)	(*)	302	71	(^b)	548
Mining.....	8,745	18,805	506	988	42,862	(^b)	2,806	2,961	(^b)	(^b)	(^b)
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	(^b)	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	(*)	4,006	687	19,652	20,653
Banking.....	11,931	41,853	190	314	14,310	76	(^b)	249	(^b)	(^b)	(^b)
Holding companies.....	23,238	33,191	1,224	4,773	247,821	2,282	426	11,070	1,619	6,964	2,788
Other finance and insurance.....	37,000	13,871	836	1,174	60,272	35	2	2,192	388	188	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	(^b)	557	77	356	(^b)

(^b) Suppressed to avoid disclosure of data of individual companies.

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

1. OPEC is the Organization of Petroleum Exporting Countries. Its members are Algeria, Ecuador, 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	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	U.S. exports shipped by affiliates	U.S. imports shipped to affiliates
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	78,518	60,944	2,810	11,008	423,938	2,885	27,879	46,311	7,755	4,435	8,221
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	188,815	267,188	6,225	30,000	1,368,103	7,563	27,686	103,418	12,056	25,200	28,956
Belgium	4,640	6,329	246	540	27,700	115	(^b)	2,722	266	240	484
Denmark	631	1,038	14	266	16,367	4	1	298	101	(^b)	(^b)
France	31,765	46,143	213	5,456	214,670	2,197	3,113	14,210	1,634	11,837	4,352
Germany	34,055	53,701	403	7,905	370,540	697	1,906	16,664	2,391	5,274	8,605
Greece	176	17	-1	1	35	(^b)	(^b)	160	(^b)	0	3
Ireland	965	(^b)	2	190	12,745	(^b)	0	561	131	(^b)	(^b)
Italy	2,705	3,338	-57	291	13,847	119	(^b)	931	72	999	766
Luxembourg	1,508	(^b)	30	125	7,732	27	(^b)	923	(^b)	393	261
Netherlands	43,954	45,975	2,111	5,644	215,120	2,551	(^b)	34,636	3,500	2,321	5,539
United Kingdom	68,418	106,819	3,264	9,581	489,347	1,717	2,702	32,313	3,850	3,555	8,734
Other Europe	35,099	34,428	90	4,608	211,542	1,047	866	9,710	1,564	4,393	5,176
Austria	405	250	-6	25	1,195	24	0	63	10	31	98
Finland	498	185	-8	34	1,802	3	0	296	166	4	38
Liechtenstein	387	428	-17	82	3,635	70	0	197	27	107	130
Norway	594	541	-15	108	5,814	7	(^b)	247	43	24	88
Spain	114	92	-4	8	468	115	0	59	3	1	41
Sweden	4,552	8,105	38	930	47,105	8	(^b)	1,374	288	407	2,084
Switzerland	28,246	24,274	98	3,386	149,456	820	832	7,405	1,016	3,793	2,285
Other	305	554	4	36	2,067	1	0	68	11	25	410
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	(^b)	3,321
Latin America	8,733	8,862	483	1,570	70,232	514	(^b)	5,074	1,039	(^b)	1,073
South and Central America	3,926	4,452	69	435	19,727	338	(^b)	2,084	316	631	857
Argentina	152	87	-1	9	731	27	0	90	13	(^b)	0
Brazil	109	538	-12	6	299	9	0	20	1	150	71
Mexico	672	727	-25	80	3,548	137	1	389	34	109	338
Panama	1,957	1,428	91	264	11,061	26	(^b)	998	228	180	343
Venezuela	582	(^b)	12	20	1,231	83	(^b)	349	27	(^b)	(^b)
Other	452	(^b)	4	57	2,857	56	0	239	14	177	(^b)
Other Western Hemisphere	4,807	4,411	413	1,135	50,505	177	(^b)	2,990	723	(^b)	216
Bahamas	947	1,161	75	194	14,062	40	1	491	141	(^b)	84
Bermuda	589	(^b)	17	(^b)	4,719	10	(^b)	285	20	(^b)	(^b)
Netherlands Antilles	3,137	(^b)	331	(^b)	(^b)	106	(^b)	2,116	558	(^b)	(^b)
United Kingdom Islands, Caribbean	126	58	-9	17	1,555	20	5	92	3	(^b)	2
Other	8	12	(^b)	(^b)	(^b)	(^b)	0	5	1	2	2
Middle East	12,952	4,729	4	1,040	38,171	308	878	3,458	600	1,143	186
Israel	679	655	28	71	3,419	(^b)	(^b)	97	8	212	(^b)
Other	12,273	4,074	-24	970	34,752	(^b)	(^b)	3,361	592	931	(^b)
Kuwait	4,520	1,079	-2	(^b)	13,435	(^b)	(^b)	1,588	(^b)	(^b)	0
Lebanon	757	765	15	(^b)	9,336	14	(^b)	427	(^b)	(^b)	2
Saudi Arabia	6,705	2,041	-32	317	10,903	60	(^b)	1,133	165	(^b)	(^b)
United Arab Emirates	90	16	-1	1	(^b)	1	0	81	10	0	0
Other	201	173	-5	10	(^b)	6	0	131	9	(^b)	0
Other Africa, Asia, and Pacific	3,286	3,037	4	271	15,194	413	(^b)	1,453	201	475	1,384
Other Africa	124	29	12	7	486	29	0	60	8	1	3
Other Asia and Pacific	3,162	3,008	-8	265	14,708	384	(^b)	1,393	194	474	1,382
Hong Kong	1,396	1,009	-2	166	9,615	349	0	985	165	139	270
Philippines	255	628	-3	(^b)	(^b)	5	0	131	5	73	(^b)
South Korea	1,127	1,110	-9	(^b)	(^b)	(^b)	0	68	6	212	604
Other	385	261	6	36	2,563	29	(^b)	208	17	51	(^b)
United States	6,042	4,355	309	499	37,390	26	(^b)	1,059	267	177	242
Addendum—OPEC ²	12,153	4,320	-23	769	26,365	377	(^b)	3,313	555	716	(^b)
By industry:											
Government	16,300	10,142	-3	2,356	69,230	510	2,838	7,648	1,013	2,090	1,727
Individuals, estates, and trusts	49,866	54,476	940	6,777	366,227	4,902	2,502	24,652	3,486	10,049	4,238
Petroleum	54,612	57,428	4,346	3,822	127,985	935	38,157	47,804	6,122	1,818	9,098
Agriculture	692	2,076	-3	74	5,572	(^b)	3	355	90	(^b)	(^b)
Mining	33,698	20,690	552	1,662	59,148	341	4,415	6,134	726	(^b)	3,961
Construction	2,876	4,748	-29	923	38,367	23	(^b)	1,088	114	115	43
Manufacturing	110,020	142,251	3,564	24,845	1,034,691	2,489	(^b)	57,952	7,245	12,133	34,028
Transportation, communication, and public utilities	3,957	7,183	53	1,169	59,182	115	(^b)	2,211	342	470	542
Wholesale and retail trade	21,668	100,554	449	3,219	189,217	93	3	4,715	621	23,794	24,576
Banking	12,207	42,859	187	373	14,048	83	(^b)	260	36	467	(^b)
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	(^b)	(^b)	2,706	454	174	172
Real estate	12,737	3,059	66	425	19,634	288	2	10,252	1,931	0	2
Services	2,656	3,065	-3	629	50,274	12	(^b)	595	58	299	320

^b Suppressed to avoid disclosure of data of individual companies.^{*} Less than \$500,000 (±) 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]

	All countries	Canada	Europe						Japan	Australia, New Zealand, and South Africa	Latin America	Middle East	Other Africa, Asia, and Pacific	United States	Addendum—OPEC ¹
			Total	Of which—											
				France	Germany	Netherlands	United Kingdom	Switzerland							
All industries.....	2,033,932	290,018	1,477,099	206,359	375,865	186,688	428,237	154,813	115,258	29,231	74,456	22,800	11,961	13,109	16,284
Mining.....	25,247	11,871	10,217	1,175	(^p)	(^p)	988	(^p)	(^p)	(^p)	(^p)	(^p)	(^p)	0	0
Petroleum.....	101,050	11,622	85,069	5,923	1,355	(^p)	(^p)	(^p)	164	(^p)	3,462	(^p)	(^p)	(^p)	(^p)
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.....	120,354	19,525	91,693	1,573	1,057	3,069	58,725	(^p)	4,915	(^p)	(^p)	(^p)	(^p)	0	(^p)
Chemicals and allied products.....	283,401	4,334	269,796	15,360	134,413	(^p)	47,461	35,624	2,230	(^p)	(^p)	(^p)	(^p)	0	(^p)
Industrial chemicals and synthetics.....	121,009	(^p)	119,460	4,801	46,815	(^p)	34,406	(^p)	(^p)	0	(^p)	0	0	0	0
Drugs.....	33,056	0	26,311	(^p)	1,076	(^p)	4,685	(^p)	0	(^p)	0	0	0	0	0
Soap, cleaners, and toilet goods.....	31,762	(^p)	29,427	(^p)	(^p)	(^p)	4,542	2,735	(^p)	(^p)	(^p)	(^p)	(^p)	0	(^p)
Agricultural chemicals.....	(^p)	2,551	(^p)	(^p)	(^p)	0	(^p)	(^p)	0	(^p)	0	0	0	0	0
Other.....	(^p)	258	(^p)	(^p)	(^p)	(^p)	(^p)	(^p)	(^p)	0	0	0	0	0	0
Primary and fabricated metals.....	112,883	20,155	79,867	20,430	14,171	(^p)	16,481	(^p)	(^p)	1,676	2,399	1,701	(^p)	(^p)	(^p)
Primary metal industries.....	75,308	15,459	51,911	19,920	4,208	(^p)	1,277	(^p)	(^p)	(^p)	370	(^p)	0	0	(^p)
Fabricated metal products.....	37,575	4,696	27,956	510	9,963	(^p)	15,204	666	279	(^p)	2,029	(^p)	(^p)	(^p)	(^p)
Machinery.....	288,459	50,934	192,854	5,572	33,173	58,820	49,931	12,626	12,169	(^p)	(^p)	(^p)	186	146	(^p)
Machinery, except electrical.....	115,952	20,608	85,340	2,849	16,479	(^p)	32,781	5,516	5,051	(^p)	(^p)	(^p)	(^p)	(^p)	(^p)
Electric and electronic equipment.....	172,507	30,326	107,514	2,723	16,694	(^p)	17,150	7,110	7,118	0	(^p)	0	(^p)	(^p)	0
Other manufacturing.....	297,707	55,665	215,266	76,069	56,150	4,304	51,449	10,298	(^p)	4,569	6,791	(^p)	665	(^p)	(^p)
Textile products and apparel.....	29,354	3,986	18,753	(^p)	2,467	0	12,725	1,246	3,274	0	(^p)	0	(^p)	(^p)	0
Lumber, wood, furniture, and fixtures.....	8,889	1,422	3,974	(^p)	3,094	(^p)	0	(^p)	(^p)	0	0	0	(^p)	0	0
Paper and allied products.....	36,879	(^p)	28,198	(^p)	(^p)	0	(^p)	(^p)	(^p)	0	0	0	0	0	0
Printing and publishing.....	39,417	23,880	11,670	(^p)	3,859	(^p)	6,652	(^p)	(^p)	0	(^p)	(^p)	0	(^p)	(^p)
Rubber and plastics products.....	23,678	3,938	17,983	136	6,807	2,876	5,846	(^p)	1,119	(^p)	(^p)	0	0	(^p)	(^p)
Stone, clay, and glass products.....	46,524	11,152	33,696	(^p)	4,083	(^p)	6,270	1,781	872	(^p)	0	0	0	0	0
Transportation equipment.....	66,029	693	64,834	(^p)	(^p)	(^p)	162	(^p)	(^p)	0	0	0	(^p)	0	0
Instruments and related products.....	26,099	(^p)	21,114	1,111	7,906	(^p)	(^p)	2,045	2,232	0	(^p)	0	0	0	0
Other.....	20,838	625	15,044	2,577	(^p)	(^p)	7,474	1,052	(^p)	(^p)	(^p)	(^p)	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	(^p)	(^p)	(^p)
Motor vehicles and equipment.....	43,058	(^p)	30,534	(^p)	14,453	(^p)	5,393	(^p)	10,822	(^p)	304	(^p)	313	0	0
Metals and minerals, except petroleum.....	29,779	(^p)	13,810	610	3,650	(^p)	5,967	219	5,274	(^p)	(^p)	(^p)	46	0	0
Other durable goods.....	87,200	4,936	44,186	2,609	8,905	983	16,110	3,991	33,723	897	1,037	(^p)	(^p)	(^p)	(^p)
Farm product raw materials.....	25,443	(^p)	22,528	(^p)	(^p)	100	603	(^p)	2,699	0	(^p)	0	(^p)	0	0
Other nondurable goods.....	31,582	7,845	18,782	1,363	(^p)	643	6,897	(^p)	2,216	191	530	(^p)	(^p)	(^p)	(^p)
Retail trade.....	304,380	36,026	242,403	(^p)	(^p)	21,111	(^p)	18,358	3,705	3,497	16,199	0	(^p)	(^p)	0
Food stores and eating and drinking places.....	203,234	32,983	167,813	(^p)	(^p)	(^p)	(^p)	(^p)	(^p)	0	0	0	(^p)	0	0
Retail trade, nec.....	101,146	3,043	74,590	572	4,276	(^p)	(^p)	(^p)	(^p)	3,497	16,199	(^p)	2,319	(^p)	0
Finance, except banking.....	24,790	(^p)	11,581	(^p)	268	(^p)	6,108	(^p)	1,512	(^p)	59	(^p)	20	(^p)	(^p)
Insurance.....	62,302	8,401	45,056	206	2,912	8,580	27,823	5,140	(^p)	(^p)	(^p)	0	(^p)	(^p)	0
Real estate.....	19,748	13,595	2,881	291	193	665	1,054	397	420	(^p)	1,058	959	(^p)	26	962
Other industries.....	176,549	(^p)	100,576	(^p)	(^p)	5,317	24,180	16,430	(^p)	4,107	(^p)	8,702	(^p)	(^p)	8,072
Agriculture.....	9,460	(^p)	4,762	200	987	(^p)	1,909	(^p)	234	0	808	(^p)	(^p)	(^p)	83
Forestry and fishing.....	76	(^p)	66	(^p)	(^p)	0	0	0	0	0	0	0	0	0	0
Construction.....	42,944	2,177	35,299	4,831	17,531	(^p)	(^p)	(^p)	199	0	0	0	0	0	0
Transportation.....	35,949	19,252	(^p)	381	2,368	1,111	721	533	6,887	(^p)	1,165	(^p)	(^p)	(^p)	(^p)
Communication and public utilities.....	2,304	972	(^p)	0	0	0	0	0	0	0	0	0	0	0	0
Services.....	85,816	10,316	52,917	5,467	2,584	3,515	12,201	11,589	10,390	(^p)	3,234	3,623	890	(^p)	(^p)

^p 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 countries	Canada	Europe						Japan	Australia, New Zealand, and South Africa	Latin America	Middle East	Other Africa, Asia, and Pacific	United States	Addendum—OPEC 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	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)	0	0
Petroleum.....	125,591	9,485	110,533	6,652	1,527	(^b)	(^b)	(^b)	231	(^b)	4,585	(^b)	0	(^b)	(^b)
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	(^b)	4,252	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)
Chemicals and allied products.....	413,212	(^b)	255,630	13,909	127,128	(^b)	48,015	31,473	(^b)	(^b)	(^b)	(^b)	(^b)	0	(^b)
Industrial chemicals and synthetics.....	254,783	(^b)	(^b)	3,950	42,349	(^b)	34,999	(^b)	595	0	(^b)	0	0	0	0
Drugs.....	31,945	0	24,842	(^b)	1,043	(^b)	4,973	17,428	(^b)	0	(^b)	0	0	0	0
Soap, cleaners, and toilet goods.....	30,431	(^b)	27,679	(^b)	(^b)	(^b)	4,243	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)	0	(^b)
Agricultural chemicals.....	(^b)	2,475	(^b)	(^b)	(^b)	0	(^b)	(^b)	(^b)	0	(^b)	0	0	0	0
Other.....	(^b)	1,712	15,276	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)	0	0	0	0	0	0
Primary and fabricated metals.....	108,376	23,125	67,459	11,090	6,452	(^b)	19,950	(^b)	(^b)	6,087	2,454	1,988	(^b)	(^b)	(^b)
Primary metal industries.....	74,736	18,213	43,679	10,230	4,030	(^b)	(^b)	(^b)	(^b)	(^b)	712	(^b)	0	0	(^b)
Fabricated metal products.....	33,640	4,912	23,780	860	2,422	(^b)	(^b)	689	258	(^b)	1,742	(^b)	(^b)	(^b)	(^b)
Machinery.....	295,847	(^b)	198,011	5,570	35,490	56,469	51,178	12,235	20,234	(^b)	(^b)	(^b)	186	146	(^b)
Machinery, except electrical.....	135,551	17,532	90,586	2,829	17,974	(^b)	32,493	(^b)	12,643	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)
Electric and electronic equipment.....	160,296	(^b)	107,425	2,741	17,516	(^b)	18,685	(^b)	7,591	0	(^b)	0	(^b)	(^b)	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	(^b)	(^b)	(^b)	(^b)
Textile products and apparel.....	41,503	4,817	17,873	(^b)	2,468	(^b)	11,007	1,148	6,151	0	(^b)	0	(^b)	(^b)	0
Lumber, wood, furniture, and fixtures.....	9,280	1,587	3,855	(^b)	3,023	0	0	(^b)	(^b)	0	0	(^b)	(^b)	0	0
Paper and allied products.....	51,236	7,408	42,220	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)	0	0	0	0	(^b)	0
Printing and publishing.....	39,756	24,048	11,974	(^b)	3,869	(^b)	7,501	(^b)	(^b)	(^b)	(^b)	(^b)	0	(^b)	(^b)
Rubber and plastics products.....	27,639	(^b)	19,224	136	6,796	2,559	7,498	(^b)	1,073	(^b)	(^b)	0	(^b)	(^b)	(^b)
Stone, clay, and glass products.....	42,443	7,605	33,403	21,117	3,840	(^b)	(^b)	1,566	827	(^b)	0	0	0	0	0
Transportation equipment.....	71,829	698	70,391	42,504	(^b)	(^b)	350	(^b)	(^b)	0	0	0	(^b)	0	0
Instruments and related products.....	26,388	(^b)	20,583	930	7,226	(^b)	6,860	3,390	2,272	0	(^b)	0	0	(^b)	0
Other.....	26,189	625	22,102	2,784	2,571	(^b)	11,453	996	(^b)	(^b)	(^b)	(^b)	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	(^b)	(^b)	(^b)
Motor vehicles and equipment.....	52,119	(^b)	38,152	(^b)	19,991	(^b)	5,159	(^b)	11,975	(^b)	304	(^b)	323	0	0
Metals and minerals, except petroleum.....	34,689	(^b)	16,262	658	3,778	(^b)	7,771	154	5,336	(^b)	(^b)	(^b)	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	(^b)	653	(^b)	(^b)
Farm product raw materials.....	28,641	(^b)	24,769	(^b)	264	603	(^b)	3,674	0	(^b)	0	0	(^b)	0	0
Other nondurable goods.....	34,181	9,660	19,218	1,470	(^b)	835	6,813	(^b)	2,259	202	567	(^b)	(^b)	(^b)	(^b)
Retail trade.....	334,383	40,465	266,634	(^b)	72,773	28,820	94,310	14,581	3,664	(^b)	11,459	0	3,176	(^b)	0
Food stores and eating and drinking places.....	213,082	37,280	168,601	(^b)	(^b)	(^b)	(^b)	(^b)	2,124	0	0	0	(^b)	(^b)	0
Retail trade, nec.....	121,301	3,185	98,003	556	(^b)	(^b)	(^b)	(^b)	1,540	(^b)	11,459	0	(^b)	(^b)	0
Finance, except banking.....	17,536	934	11,602	(^b)	339	(^b)	5,498	1,989	1,648	(^b)	59	(^b)	20	(^b)	(^b)
Insurance.....	67,964	9,821	46,980	219	2,755	9,685	28,882	4,934	(^b)	(^b)	(^b)	0	(^b)	(^b)	0
Real estate.....	26,942	19,766	3,392	316	231	946	1,092	471	816	(^b)	1,084	1,056	(^b)	26	1,064
Other industries.....	207,266	33,775	115,390	13,463	(^b)	6,303	24,550	20,351	(^b)	4,638	(^b)	22,362	5,646	(^b)	16,998
Agriculture.....	9,355	206	5,973	(^b)	982	(^b)	1,440	1,929	234	0	1,005	(^b)	(^b)	(^b)	95
Forestry and fishing.....	93	5	(^b)	(^b)	(^b)	0	0	0	0	0	0	0	0	0	0
Construction.....	55,978	2,048	38,894	4,891	20,070	(^b)	(^b)	3,608	199	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)
Transportation.....	42,440	19,433	6,504	329	2,350	1,147	721	533	6,684	(^b)	1,165	(^b)	0	0	0
Communication and public utilities.....	2,196	574	(^b)	0	0	0	0	0	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	(^b)	2,994	3,259	856	(^b)	(^b)

^b Suppressed 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]

	All countries	Canada	Europe						Japan	Australia, New Zealand, and South Africa	Latin America	Middle East	Other Africa, Asia, and Pacific	United States	Addendum—OPEC ¹
			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	(^b)	136	(^b)	5	(^b)	5	(^b)	2	(^b)	0
Petroleum.....	44,060	3,368	38,292	(^b)	360	(^b)	(^b)	160	894	(^b)	1,208	(^b)	4	163	(^b)
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	(^b)	355	(^b)	(^b)	(^b)	130	0	(^b)
Chemicals and allied products.....	26,086	553	24,860	1,793	10,347	3,023	5,502	3,365	311	(^b)	(^b)	(^b)	(^b)	0	5
Industrial chemicals and synthetics.....	14,544	(^b)	14,241	837	5,329	(^b)	4,488	(^b)	(^b)	0	1	0	0	0	0
Drugs.....	2,500	0	(^b)	(^b)	(^b)	(^b)	289	1,673	75	0	(^b)	0	0	0	0
Soap, cleaners, and toilet goods.....	2,878	(^b)	2,749	(^b)	443	(^b)	(^b)	(^b)	(^b)	(^b)	4	(^b)	(^b)	0	5
Agricultural chemicals.....	4,845	371	(^b)	(^b)	(^b)	0	(^b)	2	(^b)	0	(^b)	0	0	0	0
Other.....	1,320	20	1,299	(^b)	(^b)	(^b)	(^b)	(^b)	1	0	0	0	0	0	0
Primary and fabricated metals.....	10,277	1,869	6,704	1,704	1,288	(^b)	1,141	(^b)	1,194	111	271	124	3	1	(^b)
Primary metal industries.....	7,595	1,556	4,615	1,673	402	(^b)	115	(^b)	(^b)	(^b)	153	(^b)	0	0	4
Fabricated metal products.....	2,682	313	2,089	31	887	(^b)	1,025	70	(^b)	(^b)	119	(^b)	3	1	(^b)
Machinery.....	17,427	3,966	10,488	311	2,478	2,278	2,716	880	899	(^b)	(^b)	(^b)	9	14	(^b)
Machinery, except electrical.....	7,645	(^b)	4,932	(^b)	1,045	(^b)	1,664	(^b)	501	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)
Electric and electronic equipment.....	9,782	(^b)	5,556	(^b)	1,433	(^b)	1,053	(^b)	399	0	(^b)	0	(^b)	(^b)	0
Other manufacturing.....	19,690	4,116	13,622	5,210	3,558	(^b)	2,572	687	1,125	271	244	(^b)	(^b)	176	(^b)
Textile products and apparel.....	1,078	211	633	19	121	0	345	62	167	0	(^b)	0	1	(^b)	0
Lumber, wood, furniture, and fixtures.....	535	(^b)	259	(^b)	168	5	0	1	(^b)	0	0	(^b)	(^b)	0	0
Paper and allied products.....	3,416	(^b)	2,255	(^b)	44	0	(^b)	(^b)	(^b)	0	0	0	0	0	0
Printing and publishing.....	2,064	1,038	736	(^b)	327	(^b)	289	(^b)	(^b)	(^b)	(^b)	(*)	0	(^b)	(^b)
Rubber and plastics products.....	1,309	181	988	(^b)	364	141	356	(^b)	114	(^b)	(^b)	0	2	5	2
Stone, clay, and glass products.....	4,436	1,710	2,648	(^b)	460	3	320	(^b)	27	(^b)	0	0	0	(^b)	0
Transportation equipment.....	4,476	(^b)	4,356	2,521	1,560	4	7	(^b)	(^b)	0	0	0	(^b)	0	0
Instruments and related products.....	1,357	(^b)	992	57	423	(^b)	254	129	197	0	(^b)	0	0	(^b)	0
Other.....	1,019	20	755	198	91	4	(^b)	38	4	(^b)	(^b)	2	0	0	0
Wholesale trade.....	50,068	1,898	22,116	5,108	5,459	688	5,064	2,069	18,724	(^b)	664	327	(^b)	143	(^b)
Motor vehicles and equipment.....	10,308	(*)	5,399	(^b)	2,551	(^b)	520	1	4,521	(^b)	48	(^b)	(^b)	0	0
Metals and minerals, except petroleum.....	15,081	425	3,547	288	768	(^b)	1,313	71	5,978	(^b)	(^b)	(^b)	69	(^b)	0
Other durable goods.....	13,373	610	6,185	278	1,630	104	2,136	(^b)	5,708	56	141	(^b)	(^b)	4	(^b)
Farm product raw materials.....	7,196	19	5,080	(^b)	(^b)	44	547	(^b)	2,014	0	(^b)	0	(^b)	0	0
Other nondurable goods.....	4,111	844	1,904	246	(^b)	(^b)	547	119	503	68	(^b)	4	433	(^b)	4
Retail trade.....	9,685	820	7,933	(^b)	1,788	744	(^b)	307	161	116	559	0	94	3	0
Food stores and eating and drinking places.....	4,551	624	3,832	(^b)	1,698	(^b)	(^b)	(^b)	(^b)	0	0	0	(^b)	0	0
Retail trade, nec.....	5,135	196	4,101	59	91	(^b)	(^b)	(^b)	(^b)	116	559	0	(^b)	3	0
Finance, except banking.....	32,291	5,051	19,684	(^b)	495	1,061	4,706	(^b)	2,082	(^b)	421	(^b)	132	(^b)	(^b)
Insurance.....	36,240	9,869	20,974	255	2,938	3,513	9,872	3,700	375	(^b)	(^b)	0	1	(^b)	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	(^b)	1,424	(^b)	846	129	(^b)	492	(^b)	79	442
Agriculture.....	1,615	201	929	64	268	28	204	234	22	(^b)	213	38	(^b)	(^b)	65
Forestry and fishing.....	101	9	69	(^b)	20	0	13	4	0	0	1	(^b)	(^b)	0	(^b)
Construction.....	2,596	277	2,066	(^b)	521	131	296	(^b)	54	(^b)	(^b)	(^b)	(^b)	0	0
Transportation.....	2,388	1,568	(^b)	30	85	(^b)	(^b)	87	(^b)	(^b)	(^b)	(^b)	(^b)	0	1
Communication and public utilities.....	248	163	(^b)	(^b)	0	1	(^b)	0	(^b)	0	0	0	0	0	0
Services.....	4,372	409	2,742	785	148	452	765	194	567	(^b)	197	279	79	(^b)	240

^b 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]

	All countries	Canada	Europe						Japan	Australia, New Zealand, and South Africa	Latin America	Middle East	Other Africa, Asia, and Pacific	United States	Addendum—OPEC ¹
			Total	Of which—											
				France	Germany	Netherlands	United Kingdom	Switzerland							
All industries.....	395,032	78,518	233,915	31,765	34,055	43,954	68,418	28,246	31,505	30,082	8,733	12,952	3,286	6,042	12,153
Mining.....	11,710	1,934	8,988	(^b)	423	(^b)	(^b)	(^b)	5	(^b)	5	(^b)	2	(^b)	0
Petroleum.....	54,249	5,258	45,856	(^b)	500	(^b)	(^b)	197	1,140	(^b)	1,600	(^b)	(^b)	161	(^b)
Manufacturing.....	120,523	38,368	69,265	10,546	18,485	9,000	16,925	8,247	4,880	(^b)	3,337	414	235	(^b)	202
Food and kindred products.....	12,575	(^b)	(^b)	537	102	141	3,421	(^b)	397	(^b)	(^b)	(^b)	137	(^b)	(^b)
Chemicals and allied products.....	49,630	(^b)	(^b)	1,893	11,365	3,106	5,898	3,431	(^b)	(^b)	(^b)	(^b)	(^b)	0	3
Industrial chemicals and synthetics.....	36,497	(^b)	(^b)	(^b)	5,558	(^b)	4,805	(^b)	207	0	1	0	0	0	0
Drugs.....	2,765	0	2,328	(^b)	(^b)	(^b)	338	1,793	(^b)	0	(^b)	0	0	0	0
Soap, cleaners, and toilet goods.....	3,067	(^b)	2,935	(^b)	471	(^b)	482	(^b)	(^b)	(^b)	4	(^b)	(^b)	0	3
Agricultural chemicals.....	5,748	(^b)	(^b)	(^b)	(^b)	0	(^b)	2	(^b)	0	(^b)	0	0	0	0
Other.....	1,554	101	1,452	(^b)	(^b)	(^b)	(^b)	(^b)	1	0	0	0	0	0	0
Primary and fabricated metals.....	11,418	2,484	6,349	1,047	613	(^b)	1,459	(^b)	(^b)	(^b)	428	155	3	1	(^b)
Primary metal industries.....	9,019	2,101	4,650	1,001	446	(^b)	180	(^b)	(^b)	(^b)	(^b)	(^b)	0	0	4
Fabricated metal products.....	2,399	383	1,699	46	167	(^b)	1,279	(^b)	26	48	(^b)	(^b)	3	1	(^b)
Machinery.....	21,371	3,513	11,930	339	2,796	2,652	3,053	877	1,557	(^b)	(^b)	(^b)	9	14	4
Machinery, except electrical.....	11,765	(^b)	5,848	(^b)	1,274	(^b)	2,016	(^b)	1,123	(^b)	(^b)	(^b)	(^b)	(^b)	4
Electric and electronic equipment.....	9,606	(^b)	6,082	(^b)	1,523	(^b)	1,036	(^b)	434	0	(^b)	0	(^b)	(^b)	0
Other manufacturing.....	25,530	4,444	18,554	6,731	3,608	(^b)	3,095	875	1,270	333	209	(^b)	(^b)	578	(^b)
Textile products and apparel.....	1,678	238	740	19	131	(^b)	387	62	255	0	(^b)	0	1	(^b)	0
Lumber, wood, furniture, and fixtures.....	564	124	267	(^b)	(^b)	0	0	1	(^b)	(^b)	0	(^b)	(^b)	0	0
Paper and allied products.....	6,028	(^b)	4,750	(^b)	52	(^b)	(^b)	(^b)	(^b)	0	0	0	0	(^b)	0
Printing and publishing.....	2,367	1,267	818	(^b)	383	(^b)	371	(^b)	(^b)	(^b)	(^b)	(^b)	0	(^b)	(^b)
Rubber and plastics products.....	1,491	179	1,168	(^b)	399	136	502	(^b)	116	(^b)	(^b)	0	2	5	2
Stone, clay, and glass products.....	5,017	(^b)	3,265	2,005	407	3	325	(^b)	(^b)	0	0	0	0	(^b)	0
Transportation equipment.....	5,496	(^b)	5,319	3,487	(^b)	4	13	(^b)	(^b)	0	0	0	(^b)	0	0
Instruments and related products.....	1,506	(^b)	1,079	(^b)	414	(^b)	(^b)	228	169	0	0	0	0	(^b)	0
Other.....	1,383	20	1,148	206	114	(^b)	495	48	4	(^b)	(^b)	2	0	0	0
Wholesale trade.....	76,099	(^b)	23,745	4,982	6,328	732	5,875	2,069	20,980	(^b)	701	447	1,231	185	(^b)
Motor vehicles and equipment.....	11,373	(^b)	5,877	(^b)	2,777	(^b)	588	1	5,133	(^b)	(^b)	(^b)	(^b)	0	0
Metals and minerals, except petroleum.....	36,781	(^b)	4,587	221	1,154	(^b)	1,929	75	6,103	(^b)	(^b)	(^b)	65	(^b)	0
Other durable goods.....	15,172	742	6,422	294	1,760	95	2,198	604	6,929	(^b)	145	(^b)	523	4	(^b)
Farm product raw materials.....	7,123	(^b)	4,752	(^b)	(^b)	(^b)	571	1,271	2,277	0	56	0	0	0	0
Other nondurable goods.....	5,650	2,088	2,108	290	(^b)	134	587	119	538	(^b)	249	4	425	(^b)	4
Retail trade.....	10,991	1,021	8,987	(^b)	1,944	977	(^b)	304	168	126	472	0	(^b)	(^b)	0
Food stores and eating and drinking places.....	5,282	821	4,264	(^b)	1,849	(^b)	(^b)	(^b)	83	0	0	0	(^b)	(^b)	0
Retail trade, nec.....	5,710	200	4,724	60	95	(^b)	(^b)	(^b)	85	126	472	0	101	3	0
Finance, except banking.....	37,101	(^b)	25,890	6,845	584	1,394	5,494	(^b)	2,418	(^b)	(^b)	5,613	148	(^b)	(^b)
Insurance.....	41,163	11,070	25,085	256	3,310	5,185	10,939	4,630	286	(^b)	(^b)	0	1	(^b)	0
Real estate.....	27,221	12,528	8,895	443	1,207	2,587	2,225	(^b)	726	86	1,501	2,361	1,010	115	2,444
Other industries.....	15,974	2,735	7,202	2,238	1,273	(^b)	1,397	(^b)	903	151	533	3,875	506	69	(^b)
Agriculture.....	1,726	(^b)	1,136	112	298	29	174	390	(^b)	(^b)	256	42	(^b)	13	72
Forestry and fishing.....	131	9	(^b)	(^b)	22	0	(^b)	(^b)	0	0	(^b)	(^b)	13	0	(^b)
Construction.....	6,336	(^b)	2,505	1,175	648	212	292	(^b)	54	(^b)	(^b)	(^b)	(^b)	0	1
Transportation.....	2,934	1,800	429	30	85	(^b)	94	87	190	0	(^b)	(^b)	(^b)	(^b)	0
Communication and public utilities.....	224	101	(^b)	(^b)	0	1	(^b)	0	(^b)	0	0	0	0	0	0
Services.....	4,622	443	2,971	897	220	453	758	222	581	(^b)	184	(^b)	86	(^b)	210

^b Suppressed to avoid disclosure of data of individual companies.¹ 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	Thousands of acres		Number of employees	Millions of dollars	Thousands of acres	
		Gross book value of property, plant, and equipment ¹	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	(^b)	(^b)
Maine.....	14,471	748	(^b)	(^b)	17,692	1,645	2,602	(^b)
Massachusetts.....	47,901	1,256	5	(*)	52,578	1,603	8	1
New Hampshire.....	12,328	332	(^b)	0	13,355	402	(^b)	0
Rhode Island.....	6,914	271	(*)	(*)	9,423	352	1	(*)
Vermont.....	6,298	276	61	(^b)	5,889	312	62	(^b)
Mideast	466,323	16,373	548	232	547,446	23,241	692	1,206
Delaware.....	8,654	476	8	(*)	35,340	1,829	15	(*)
District of Columbia.....	2,284	398	(*)	0	2,939	449	(*)	0
Maryland.....	40,918	1,638	36	(^b)	43,900	2,047	42	(^b)
New Jersey.....	120,530	4,743	37	(^b)	131,764	6,442	52	(^b)
New York.....	179,292	5,329	271	60	204,393	7,113	286	65
Pennsylvania.....	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	(^b)	111,850	5,451	186	622
Indiana.....	47,335	1,632	23	(^b)	44,881	1,814	34	(^b)
Michigan.....	65,275	3,510	80	(^b)	65,070	4,150	86	1,442
Ohio.....	84,218	4,120	43	258	97,018	5,040	206	642
Wisconsin.....	58,792	1,797	40	(^b)	59,666	2,242	41	(^b)
Plains	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.....	13,824	633	65	1,406	14,206	856	65	1,702
Minnesota.....	30,874	2,470	310	32	32,536	2,831	294	51
Missouri.....	30,268	1,463	81	100	31,123	1,852	107	217
Nebraska.....	5,169	261	75	1,452	5,225	383	79	2,230
North Dakota.....	2,393	823	32	4,412	3,255	1,001	40	5,489
South Dakota.....	1,109	110	18	796	1,324	300	18	580
Southeast	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
Florida.....	65,923	4,432	424	891	69,983	5,424	481	801
Georgia.....	67,410	3,359	450	27	73,742	4,000	730	59
Kentucky.....	23,203	1,196	31	429	25,366	1,758	56	627
Louisiana.....	39,556	6,188	189	1,287	45,718	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	(^b)	86,349	5,481	256	1
South Carolina.....	54,239	3,869	339	(^b)	64,898	5,236	464	20
Tennessee.....	44,063	2,208	391	373	55,285	3,693	397	719
Virginia.....	37,206	1,423	96	85	49,115	2,860	136	365
West Virginia.....	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
New Mexico.....	7,095	468	128	1,940	8,005	991	231	1,712
Oklahoma.....	19,372	1,621	30	933	24,459	2,650	30	1,515
Texas.....	136,118	14,367	934	4,703	172,564	22,410	1,009	6,670
Rocky Mountains	37,921	3,912	1,087	12,775	51,844	7,458	1,377	15,066
Colorado.....	19,935	1,550	391	2,151	23,961	2,166	474	2,434
Idaho.....	3,708	210	(^b)	574	3,795	302	175	874
Montana.....	1,798	531	233	4,150	2,830	1,176	331	5,684
Utah.....	9,473	684	234	3,293	17,188	1,765	305	3,203
Wyoming.....	3,007	936	(^b)	2,607	4,070	2,048	92	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	800	1,010	240,774	19,605	794	1,321
Nevada.....	4,590	329	(^b)	1,945	5,854	517	69	2,641
Oregon.....	10,229	559	(^b)	(^b)	12,281	807	346	595
Washington.....	21,121	1,617	55	(^b)	25,329	2,292	302	1,747
Alaska.....	8,326	8,537	6	(^b)	8,578	9,597	29	2,786
Hawaii.....	15,509	1,020	96	(*)	16,143	1,064	110	(*)
Puerto Rico.....	9,290	303	1	0	9,043	404	2	(*)
Other territories and offshore ²	3,842	4,879	5	(^b)	3,073	7,040	5	5,228
Foreign ³	936	900	0	(*)	1,272	1,137	0	3

^a Suppressed to avoid disclosure of data of individual companies.

^b 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. See footnote 1, table 3.

3. 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

[Number of employees]

	All countries	Canada	Europe						Japan	Australia, New Zealand, and South Africa	Latin America	Middle East	Other Africa, Asia, and Pacific	United States	Addendum—OPEC ¹
			Total	Of which—											
				France	Germany	Netherlands	United Kingdom	Switzerland							
Total	2,033,932	290,018	1,477,099	206,359	375,865	186,688	428,237	154,813	115,258	29,231	74,456	22,800	11,961	13,109	16,284
New England.....	122,860	19,754	92,168	12,293	21,732	8,426	32,024	7,882	1,565	1,249	4,175	32	637	3,280	32
Connecticut.....	34,948	2,344	31,724	4,369	5,755	(^b)	13,507	1,946	144	(^b)	564	(^b)	105	(^b)	(^b)
Maine.....	14,471	6,775	6,321	(^b)	(^b)	467	1,047	(^b)	84	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)
Massachusetts.....	47,901	6,030	35,938	1,951	10,311	2,234	13,787	1,822	761	(^b)	1,572	5	(^b)	1,997	3
New Hampshire.....	12,328	2,602	7,477	1,596	2,540	745	1,546	(^b)	(^b)	(^b)	(^b)	0	(^b)	(^b)	0
Rhode Island.....	6,914	492	6,259	502	1,313	(^b)	2,003	984	46	(^b)	(^b)	0	(^b)	0	0
Vermont.....	6,298	1,511	4,449	(^b)	(^b)	6	134	1,666	(^b)	(^b)	(^b)	0	0	(^b)	(^b)
Mideast.....	466,323	49,416	363,895	51,663	91,275	26,987	110,132	51,457	21,571	6,533	14,414	3,410	2,143	4,941	(^b)
Delaware.....	8,654	496	7,801	(^b)	951	(^b)	5,361	22	6	(^b)	(^b)	(^b)	0	(^b)	0
District of Columbia.....	2,284	233	1,799	(^b)	191	(^b)	524	178	28	(^b)	(^b)	21	(^b)	(^b)	(^b)
Maryland.....	40,918	9,014	28,717	7,267	8,339	3,271	5,381	2,436	1,290	83	1,274	(^b)	(^b)	(^b)	(^b)
New Jersey.....	120,530	5,208	101,239	11,408	26,759	9,558	22,397	21,076	7,140	(^b)	2,940	(^b)	(^b)	195	0
New York.....	179,292	21,456	129,815	18,687	23,259	10,906	44,799	19,698	10,905	2,727	6,386	2,751	(^b)	(^b)	(^b)
Pennsylvania.....	114,645	13,009	94,524	12,925	31,776	2,917	31,670	8,047	2,202	613	3,639	(^b)	30	(^b)	(^b)
Great Lakes.....	368,054	58,963	284,967	46,374	65,552	30,665	87,913	34,337	13,470	2,208	4,171	3,094	588	593	382
Illinois.....	112,434	16,758	82,941	6,885	17,012	10,985	24,971	13,387	8,072	451	1,689	1,774	(^b)	(^b)	225
Indiana.....	47,335	5,724	40,030	5,461	12,445	9,224	6,907	2,748	1,006	(^b)	(^b)	11	5	(^b)	(^b)
Michigan.....	65,275	16,030	44,716	10,104	13,237	2,408	13,520	2,908	2,781	280	1,155	(^b)	(^b)	(^b)	(^b)
Ohio.....	84,218	9,016	72,029	13,151	15,602	3,991	23,854	12,358	1,325	99	1,226	(^b)	69	(^b)	(^b)
Wisconsin.....	58,792	11,435	45,251	10,773	7,256	4,057	18,661	2,936	286	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)
Plains.....	103,196	31,076	66,114	6,643	17,402	6,091	20,825	8,323	2,355	451	1,779	236	1,037	148	217
Iowa.....	19,559	6,013	12,295	735	2,647	1,341	5,395	1,595	324	(^b)	(^b)	0	(^b)	(^b)	0
Kansas.....	13,824	1,668	11,902	2,799	3,113	687	2,873	372	136	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)
Minnesota.....	30,874	14,260	15,694	1,699	3,770	1,313	5,761	2,583	378	(^b)	46	(^b)	7	(^b)	(^b)
Missouri.....	30,268	6,597	21,498	1,137	6,628	2,263	5,366	2,588	729	(^b)	410	53	935	(^b)	36
Nebraska.....	5,169	757	3,326	(^b)	(^b)	294	1,038	1,137	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)
North Dakota.....	2,393	1,312	881	27	(^b)	(^b)	84	17	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)
South Dakota.....	1,109	469	518	(^b)	36	(^b)	308	31	(^b)	(^b)	0	0	(^b)	0	0
Southeast.....	465,120	62,040	353,894	49,051	79,607	60,141	103,987	26,667	17,552	4,887	21,255	3,995	739	758	4,259
Alabama.....	22,698	2,914	16,773	3,444	2,848	1,300	6,318	1,970	(^b)	(^b)	(^b)	(^b)	0	(^b)	(^b)
Arkansas.....	14,780	1,520	10,798	1,991	1,236	(^b)	4,788	477	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)
Florida.....	65,923	7,789	49,269	9,816	11,957	2,945	14,356	4,146	1,999	533	5,583	(^b)	352	(^b)	1,273
Georgia.....	67,410	10,358	47,268	7,159	8,093	6,189	15,016	2,128	5,004	1,918	1,281	(^b)	245	(^b)	(^b)
Kentucky.....	23,203	5,234	16,265	1,079	5,138	(^b)	5,982	463	386	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)
Louisiana.....	39,556	4,893	29,780	2,168	8,834	8,456	6,692	2,064	361	(^b)	3,705	715	(^b)	(^b)	(^b)
Mississippi.....	9,542	2,111	6,946	880	1,726	764	2,020	871	262	0	(^b)	(^b)	(^b)	(^b)	(^b)
North Carolina.....	67,522	11,127	53,785	4,516	12,609	8,746	17,527	3,101	829	(^b)	316	643	(^b)	(^b)	402
South Carolina.....	54,239	3,048	44,871	8,929	11,049	10,349	10,317	2,511	2,572	(^b)	(^b)	(^b)	8	(^b)	(^b)
Tennessee.....	44,063	3,951	36,099	3,543	4,635	12,480	7,419	5,758	1,564	(^b)	1,709	(^b)	(^b)	(^b)	(^b)
Virginia.....	37,206	3,070	31,425	4,511	8,136	2,080	11,500	3,014	703	355	1,507	(^b)	(^b)	(^b)	(^b)
West Virginia.....	18,978	6,025	10,615	1,015	3,346	(^b)	2,052	164	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)	0
Southwest.....	176,979	23,760	126,755	14,506	41,987	24,935	25,653	9,301	4,710	5,541	8,979	6,407	235	592	4,533
Arizona.....	14,394	3,081	7,849	670	4,393	344	1,627	636	332	(^b)	819	(^b)	0	(^b)	(^b)
New Mexico.....	7,095	1,754	4,980	145	2,261	(^b)	1,904	73	22	98	(^b)	(^b)	(^b)	(^b)	(^b)
Oklahoma.....	19,372	2,698	15,041	1,584	5,502	(^b)	2,956	1,355	229	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)
Texas.....	136,118	16,227	98,885	12,107	29,831	21,836	19,166	7,237	4,127	2,697	7,298	6,124	(^b)	(^b)	4,297
Rocky Mountains.....	37,921	8,969	24,311	4,349	5,402	5,252	5,912	1,505	(^b)	1,071	1,452	(^b)	501	240	175
Colorado.....	19,935	4,587	13,232	2,845	3,287	1,003	4,114	955	397	818	(^b)	38	(^b)	(^b)	(^b)
Idaho.....	3,708	743	2,180	(^b)	82	(^b)	901	(^b)	39	(^b)	(^b)	(^b)	(^b)	(^b)	0
Montana.....	1,798	642	951	298	265	(^b)	99	(^b)	71	(^b)	(^b)	(^b)	(^b)	0	(^b)
Utah.....	9,473	1,568	7,015	452	1,457	(^b)	646	163	41	(^b)	133	(^b)	(^b)	(^b)	(^b)
Wyoming.....	3,007	1,429	933	(^b)	311	(^b)	152	125	(^b)	(^b)	(^b)	0	0	(^b)	0
Far West.....	255,576	32,941	155,373	19,619	51,588	23,565	37,772	14,135	38,219	6,738	16,245	2,735	1,438	1,887	2,155
California.....	219,636	25,621	132,654	14,790	44,930	21,683	32,645	11,317	34,806	5,901	15,136	2,574	(^b)	(^b)	2,026
Nevada.....	4,590	916	2,325	457	915	24	672	118	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)
Oregon.....	10,229	2,228	6,852	1,869	2,127	618	1,150	551	(^b)	(^b)	12	(^b)	(^b)	(^b)	(^b)
Washington.....	21,121	4,176	13,542	2,503	3,616	1,240	3,305	2,149	2,642	503	(^b)	(^b)	(^b)	(^b)	(^b)
Alaska.....	8,326	758	1,668	(^b)	5	(^b)	(^b)	6	4,640	(^b)	(^b)	0	(^b)	(^b)	0
Hawaii.....	15,509	745	1,498	(^b)	(^b)	84	487	97	9,034	(^b)	(^b)	0	3,528	(^b)	0
Puerto Rico.....	9,290	(^b)	5,120	1,385	638	(^b)	1,815	1,020	(^b)	0	101	(^b)	0	572	(^b)
Other territories and offshore ²	3,842	(^b)	999	(^b)	(^b)	(^b)	205	(^b)	1,007	0	(^b)	0	0	(^b)	0
Foreign ³	936	(^b)	337	(^b)	111	(^b)	(^b)	(^b)	20	(^b)	(^b)	0	0	0	0

^b Suppressed to avoid disclosure of data of individual companies.

1. See footnote 1, table 5A.

2. See footnote 1, table 3.

3. See footnote 2, table 3.

Table 9B.—Employment of Nonbank U.S. Affiliates, 1981, State by Country of Ultimate Beneficial Owner

[Number of employees]

	All countries	Canada	Europe						Japan	Australia, New Zealand, and South Africa	Latin America	Middle East	Other Africa, Asia, and Pacific	United States	Addendum—OPEC ¹
			Total	Of which—											
				France	Germany	Netherlands	United Kingdom	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	4,685	5,842	(^b)	15,012	1,738	173	(^b)	573	(^b)	(^b)	241	(^b)
Maine.....	17,692	7,216	9,093	(^b)	1,085	(^b)	1,301	87	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)
Massachusetts.....	52,578	7,189	37,680	1,500	10,783	2,712	14,267	2,023	948	(^b)	1,231	18	(^b)	3,317	(^b)
New Hampshire.....	13,355	2,977	7,713	1,415	2,595	767	1,848	(^b)	(^b)	(^b)	0	0	(^b)	0	0
Rhode Island.....	9,423	(^b)	(^b)	(^b)	1,462	(^b)	2,389	743	33	(^b)	0	0	(^b)	0	0
Vermont.....	5,889	(^b)	(^b)	1,821	354	5	460	1,389	(^b)	(^b)	0	0	(^b)	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	(^b)	(^b)	(^b)	872	301	4,424	19	10	(^b)	15	(^b)	0	(^b)	(^b)
District of Columbia.....	2,939	221	(^b)	(^b)	353	52	452	138	43	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)
Maryland.....	43,900	(^b)	30,257	7,025	7,685	3,830	7,457	2,093	1,306	97	(^b)	(^b)	41	(^b)	(^b)
New Jersey.....	131,764	14,436	101,624	10,934	27,013	9,892	24,981	18,974	7,979	3,007	2,913	(^b)	(^b)	541	(^b)
New York.....	204,393	23,224	145,048	20,133	23,118	11,238	58,370	16,283	11,645	7,658	5,473	3,375	1,576	6,394	(^b)
Pennsylvania.....	129,110	18,114	103,747	13,664	30,722	7,861	34,899	8,032	2,487	586	3,145	(^b)	(^b)	768	(^b)
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	(^b)
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	(^b)
Indiana.....	44,881	5,969	37,026	4,483	10,663	8,370	7,768	2,328	(^b)	89	22	8	(^b)	20	(^b)
Michigan.....	65,070	15,638	43,206	9,774	12,083	3,556	12,610	2,492	3,562	250	1,293	(^b)	(^b)	885	(^b)
Ohio.....	97,018	12,735	77,599	11,508	17,332	5,303	25,629	11,517	2,924	1,156	320	(^b)	(^b)	77	(^b)
Wisconsin.....	59,666	8,842	44,598	10,292	5,698	5,440	19,089	2,638	(^b)	(^b)	6	(^b)	(^b)	(^b)	(^b)
Plains.....	109,410	33,680	66,664	6,178	16,311	5,324	21,738	9,413	3,969	1,433	(^b)	(^b)	1,011	542	215
Iowa.....	21,741	6,412	12,632	768	2,294	2,085	5,734	1,197	(^b)	(^b)	0	0	(^b)	0	0
Kansas.....	14,206	2,449	11,325	2,524	2,847	510	3,267	414	140	(^b)	3	12	(^b)	(^b)	(^b)
Minnesota.....	32,536	14,968	16,129	1,304	3,667	1,228	4,800	4,047	680	346	51	(^b)	(^b)	(^b)	(^b)
Missouri.....	31,123	7,150	21,201	1,127	6,001	1,032	6,167	2,632	1,090	(^b)	421	41	(^b)	(^b)	35
Nebraska.....	5,225	444	3,522	345	(^b)	255	1,128	1,036	(^b)	(^b)	0	0	(^b)	0	0
North Dakota.....	3,255	1,721	1,220	89	(^b)	(^b)	182	55	5	(^b)	(^b)	(^b)	(^b)	(^b)	0
South Dakota.....	1,324	536	635	21	19	(^b)	460	32	(^b)	(^b)	0	0	(^b)	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	(^b)	374	(^b)	(^b)	(^b)	(^b)	(^b)
Arkansas.....	17,397	3,159	10,914	2,301	1,238	2,475	4,069	423	2,736	(^b)	278	(^b)	(^b)	(^b)	(^b)
Florida.....	69,983	9,374	51,432	9,631	12,222	3,037	16,142	3,779	2,210	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	(^b)	(^b)	2,042	(^b)
Kentucky.....	25,366	6,198	16,529	1,735	5,338	(^b)	5,731	463	355	(^b)	(^b)	(^b)	(^b)	616	(^b)
Louisiana.....	45,718	7,845	31,244	2,766	9,042	8,879	6,222	2,550	(^b)	90	3,971	2,108	0	(^b)	(^b)
Mississippi.....	10,905	3,106	6,457	951	1,327	475	2,296	661	576	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)
North Carolina.....	86,349	17,923	62,200	6,445	14,202	10,929	18,786	2,798	2,260	(^b)	281	641	(^b)	(^b)	396
South Carolina.....	64,898	8,354	46,338	9,605	11,522	9,788	9,725	2,726	2,635	140	(^b)	(^b)	(^b)	(^b)	(^b)
Tennessee.....	55,285	12,779	35,668	4,037	4,493	11,555	7,887	5,225	2,574	1,564	(^b)	(^b)	(^b)	1,253	(^b)
Virginia.....	49,115	13,663	32,758	4,669	8,332	1,672	12,012	2,815	797	610	688	(^b)	(^b)	439	(^b)
West Virginia.....	34,835	19,344	13,143	692	3,667	(^b)	3,889	188	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)	(^b)
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.....	29,396	6,626	16,887	679	4,142	415	10,814	(^b)	518	(^b)	(^b)	317	0	(^b)	(^b)
New Mexico.....	8,005	1,114	6,309	121	(^b)	(^b)	3,235	(^b)	60	81	(^b)	190	(^b)	(^b)	(^b)
Oklahoma.....	24,459	7,567	14,511	1,504	(^b)	(^b)	3,565	1,084	539	(^b)	872	332	(^b)	(^b)	(^b)
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	5,811	(^b)	(^b)	(^b)	(^b)	681	(^b)	1,704	1,109	(^b)	(^b)	(^b)
Colorado.....	23,961	5,989	15,129	3,212	3,238	1,351	4,533	1,752	558	999	(^b)	187	(^b)	(^b)	153
Idaho.....	3,795	553	2,098	591	(^b)	270	(^b)	334	32	(^b)	(^b)	(^b)	(^b)	(^b)	0
Montana.....	2,830	904	1,201	559	(^b)	(^b)	(^b)	87	37	(^b)	0	0	(^b)	0	0
Utah.....	17,188	2,278	13,782	738	1,058	(^b)	(^b)	88	39	(^b)	191	154	(^b)	81	134
Wyoming.....	4,070	1,611	1,574	711	325	(^b)	210	(^b)	15	(^b)	(^b)	(^b)	0	90	(^b)
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	(^b)
California.....	240,774	28,792	138,552	14,247	40,661	24,198	38,682	14,073	37,284	6,878	13,906	10,540	1,648	3,174	(^b)
Nevada.....	5,854	1,134	3,157	819	717	(^b)	1,735	74	(^b)	(^b)	274	(^b)	(^b)	(^b)	(^b)
Oregon.....	12,281	2,380	8,127	1,356	4,164	(^b)	968	420	(^b)	(^b)	10	(^b)	(^b)	217	(^b)
Washington.....	25,329	4,145	16,879	3,119	4,832	3,586	3,495	1,146	2,778	1,068	(^b)	(^b)	35	(^b)	(^b)
Alaska.....	8,578	576	2,046	21	(^b)	(^b)	(^b)	(^b)	3,585	(^b)	(^b)	0	(^b)	(^b)	(^b)
Hawaii.....	16,143	669	1,542	(^b)	(^b)	73	948	47	9,155	(^b)	(^b)	0	3,991	(^b)	(^b)
Puerto Rico.....	9,043	1,172	5,448	1,577	571	(^b)	1,953	914	(^b)	0	276	(^b)	0	621	(^b)
Other territories and offshore ²	3,073	(^b)	1,043	(^b)	(^b)	0	224	(^b)	(^b)	0	0	0	755	(^b)	0
Foreign ³	1,272	(^b)	666	(^b)	(^b)	0	0	64	(^b)	(^b)	(^b)	0	0	0	0

^b Suppressed to avoid disclosure of data of individual companies.

1. See footnote 1 table 5A.

2. See footnote 1, table 3.

3. See footnote 2, table 3.

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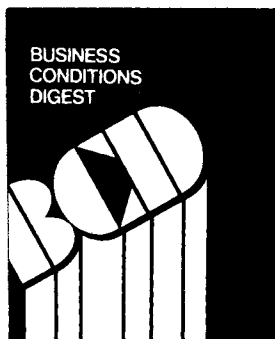


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CURRENT BUSINESS STATISTICS

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The sources of the series are given in the 1979 edition of BUSINESS STATISTICS; they appear in the main descriptive note for each series, and are also listed alphabetically on pages 171-172. Series originating in Government agencies are not copyrighted and may be reprinted freely. Series from private sources are provided through the courtesy of the compilers, and are subject to their copyrights.

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																
PERSONAL INCOME BY SOURCE †																
Seasonally adjusted, at annual rates: †																
Total personal income bil. \$.	2,435.0	2,578.6	2,597.4	2,617.8	2,633.1	2,645.0	2,652.6	2,650.5	2,670.1	2,689.0	2,719.3	2,732.6	*2,747.1	*2,756.6	*2,786.1	2,818.9
Wage and salary disbursements, total do.....	1,493.2	1,568.1	1,581.2	1,583.1	1,583.1	1,591.8	1,608.9	1,606.3	1,616.8	1,632.1	1,652.2	1,660.9	1,673.5	*1,680.5	*1,692.0	1,712.0
Commodity-producing industries, total..... do.....	509.5	509.2	505.9	501.0	498.6	499.0	508.6	507.4	510.0	517.1	522.0	527.5	533.3	*537.0	*542.9	547.1
Manufacturing do.....	385.3	383.8	382.8	378.3	377.2	376.7	383.8	384.7	387.9	393.5	397.5	401.2	405.8	*408.5	*413.0	415.6
Distributive industries do.....	361.6	378.8	382.3	383.0	382.3	385.2	386.6	384.2	388.4	390.7	394.8	397.5	400.0	*396.8	*400.4	408.6
Service industries do.....	337.7	374.1	384.7	386.5	387.7	391.3	395.8	395.5	397.8	402.4	408.2	411.3	414.1	*415.5	*419.4	425.8
Govt. and govt. enterprises do.....	284.4	306.0	308.3	312.6	314.5	316.4	317.9	319.2	320.6	321.9	327.1	324.7	326.1	*331.1	*329.2	330.5
Other labor income do.....	143.5	156.6	159.1	159.7	160.4	161.2	162.6	164.2	166.0	168.1	170.1	172.2	174.3	*176.3	*178.4	180.6
Proprietors' income: ‡																
Farm do.....	30.5	21.5	18.3	23.8	28.1	26.1	22.9	21.3	22.3	22.1	21.4	19.4	16.6	*16.0	*20.6	25.9
Nonfarm do.....	89.7	87.4	88.3	89.1	89.0	92.5	96.7	97.8	100.8	103.1	106.6	109.0	*109.9	*110.9	*112.6	113.9
Rental income of persons with capital consumption adjustment bil. \$.	41.4	49.9	51.4	52.8	52.9	51.0	53.8	54.1	54.3	54.6	54.8	55.0	55.3	50.8	55.8	56.0
Dividends do.....	62.8	66.4	66.8	67.4	68.0	68.3	68.7	68.9	68.9	69.0	69.4	69.5	70.2	70.9	71.6	72.3
Personal interest income do.....	341.3	366.2	362.2	361.7	363.3	364.3	360.0	356.0	355.7	355.0	356.9	359.4	*363.9	*369.2	*374.0	377.5
Transfer payments do.....	337.2	374.5	383.1	392.9	401.0	403.0	395.4	398.1	402.0	402.7	406.7	406.7	403.5	*402.2	*402.2	403.1
Less: Personal contrib. for social insur. do.....	104.6	112.0	112.8	112.8	112.7	113.1	116.6	116.2	116.8	117.6	118.8	119.5	120.1	*120.3	*121.1	122.3
Total nonfarm income do.....	2,377.0	2,527.6	2,549.7	2,564.5	2,575.5	2,589.4	2,600.2	2,599.7	2,618.4	2,637.5	2,668.5	2,683.8	*2,700.9	*2,710.8	2,735.5	2,763.0
DISPOSITION OF PERSONAL INCOME *																
Seasonally adjusted, at annual rates:																
Total personal income bil. \$.	2,435.0	2,578.6	2,597.4	2,617.8	2,633.1	2,645.0	2,652.6	2,650.5	2,670.1	2,689.0	2,719.3	2,732.6	*2,747.1	*2,756.6	*2,786.1	2,818.9
Less: Personal tax and nontax payments do.....	387.4	402.1	400.2	402.9	403.5	406.0	399.5	402.3	403.6	402.2	415.5	420.2	396.9	*400.1	*403.3	408.6
Equals: Disposable personal income do.....	2,047.6	2,176.5	2,197.2	2,214.8	2,229.6	2,239.1	2,253.2	2,248.2	2,266.5	2,286.8	2,303.8	2,312.4	*2,350.2	*2,356.4	*2,382.8	2,410.4
Less: Personal outlays do.....	1,912.4	2,051.1	2,086.1	2,090.3	2,110.2	2,120.5	2,127.1	2,129.3	2,146.2	2,181.8	2,218.8	2,228.0	*2,238.9	*2,237.4	*2,266.5	2,278.5
Personal consumption expenditures do.....	1,857.2	1,991.9	2,026.4	2,030.5	2,060.2	2,060.0	2,066.2	2,068.3	2,084.6	2,119.9	2,156.4	2,164.8	*2,174.9	*2,172.6	*2,201.2	2,212.9
Durable goods do.....	236.1	244.5	252.1	240.5	254.5	261.2	259.1	256.9	259.6	270.6	278.6	284.1	287.1	*278.2	*288.2	293.6
Nondurable goods do.....	733.9	761.0	767.9	773.7	771.7	773.8	776.5	774.5	780.1	786.6	804.4	807.7	813.8	*813.1	*817.3	820.4
Services do.....	887.1	986.4	1,006.4	1,016.3	1,024.0	1,025.1	1,030.5	1,036.9	1,044.9	1,062.7	1,073.4	1,073.0	*1,073.9	*1,081.2	*1,095.7	1,098.9
Interest paid by consumers to business do.....	54.3	58.1	58.7	58.7	59.0	59.5	59.9	60.0	60.6	60.9	61.3	62.1	*62.9	*63.7	*64.1	64.4
Personal transfer payments to foreigners (net) do.....	0.9	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.2
Equals: personal saving do.....	135.3	125.4	111.0	124.5	119.4	118.5	126.0	118.8	120.3	104.9	85.1	84.4	*111.3	*119.0	*116.3	131.8
Personal saving as percentage of disposable personal income % percent.....	6.6	5.8	5.4	5.3	5.4	5.4	5.4	5.4	5.1	4.5	4.0	4.0	*4.5	*4.9	5.1	
Disposable personal income in constant (1972) dollars bil. \$.	1,054.7	1,060.2	1,058.5	1,060.9	1,066.8	1,070.8	1,073.7	1,070.3	1,077.2	1,078.4	1,083.3	1,087.5	*1,100.9	*1,098.6	1,106.8	
Personal consumption expenditures in constant (1972) dollars do.....	956.8	970.2	976.2	972.6	981.0	985.1	984.6	984.7	990.8	999.7	1,014.0	1,018.1	*1,018.7	*1,012.9	1,022.5	
Durable goods do.....	141.2	139.8	142.6	136.6	144.9	148.0	146.1	144.3	147.1	152.1	157.0	160.3	*160.7	*155.5	160.2	
Nondurable goods do.....	362.5	364.2	364.7	365.9	365.2	367.0	367.9	368.9	370.0	370.0	376.2	378.0	*378.8	*377.0	378.3	
Services do.....	453.1	466.2	468.9	470.1	470.8	470.2	470.6	471.5	473.7	477.6	480.8	479.7	*479.1	*480.4	483.9	
Implicit price deflator for personal consumption expenditures index, 1972=100..	194.1	205.3	207.6	208.8	209.0	209.1	209.8	210.0	210.4	212.1	212.7	212.6	*213.5	*214.5	215.3	
INDUSTRIAL PRODUCTION																
<i>Federal Reserve Board Index of Quantity Output</i>																
Not Seasonally Adjusted																
Total index 1967=100..	151.0	138.6	141.2	138.5	134.8	131.2	133.5	138.1	140.5	141.9	143.9	149.7	*147.0	*153.2	*157.3	*158.4
By industry groupings:																
Mining and utilities do.....	155.0	146.3	140.1	136.7	136.4	140.7	147.2	141.7	136.8	134.2	133.4	137.8	*146.8	*152.3	*146.5	*141.2
Manufacturing do.....	150.4	137.6	141.2	138.8	134.5	129.6	131.8	138.0	141.5	143.0	145.4	151.3	*146.8	*153.2	*159.2	*160.7
Nondurable manufactures do.....	164.8	156.2	164.1	162.4	155.7	147.5	149.9	157.5	160.8	162.3	165.0	172.6	*167.6	*177.1	*181.8	*181.0
Durable manufactures do.....	140.5	124.7	125.4	122.5	119.9	117.2	119.2	124.5	128.1	129.7	131.8	136.5	*132.4	*136.7	*143.6	*146.7
Seasonally Adjusted																
Total index do.....	151.0	138.6	137.3	135.7	134.9	135.2	137.4	138.1	140.0	142.6	144.4	146.4	*149.7	*151.7	*153.6	*154.8
By market groupings:																
Products, total do.....	150.6	141.8	140.8	139.3	139.0	139.9	140.9	140.3	141.6	144.5	146.2	148.1	150.9	*153.0	*154.7	*155.9
Final products do.....	149.5	141.5	140.0	138.7	138.3	139.5	140.1	138.9	139.9	142.8	144.5	146.4	149.0	*150.6	*152.5	*153.8
Consumer goods do.....	147.9	142.6	143.4	142.2	141.3	142.0	143.6	143.4	144.3	147.7	150.4	152.4	*154.8	*156.1	*157.8	*158.2

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																	
INDUSTRIAL PRODUCTION—Continued																	
Seasonally Adjusted—Continued																	
By market groupings—Continued																	
Final products—Continued																	
Durable consumer goods	1967=100..	140.5	129.2	131.3	126.5	124.6	125.9	131.6	134.4	136.3	140.5	145.5	149.2	*152.9	*154.0	*157.9	*158.0
Automotive products..... do.....		137.9	129.5	135.5	123.6	120.7	128.7	136.2	144.3	142.6	144.9	152.2	160.0	167.0	*167.5	*173.4	*171.2
Autos and utility vehicles..... do.....		111.2	99.0	105.8	89.6	86.9	99.0	107.0	120.8	116.4	117.8	124.9	135.4	145.4	147.0	*153.1	*149.8
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	*135.0	*130.3
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	*144.9	*146.4	*149.3	*150.6
Nondurable consumer goods	do.....	150.9	148.0	148.2	148.5	147.9	148.4	148.3	147.0	147.5	150.5	152.3	153.6	*155.6	*156.9	*157.8	*158.2
Clothing..... do.....		119.8															
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	*166.1	*167.7	*168.5	*168.8
Consumer foods and tobacco	do.....	150.3	149.7	148.6	150.2	149.0	149.5	150.9	149.5	148.4	150.9	153.2	155.9	*156.6	156.1		
Nonfood staples..... do.....		170.0	169.7	170.7	169.5	168.7	169.6	167.6	166.5	169.4	172.9	174.0	174.1	*177.2	*181.2	*181.8	*181.7
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	*141.0	*143.1	*145.1	*147.8
Business equipment..... do.....		181.1	157.9	150.5	147.1	146.4	148.1	146.6	142.7	143.7	146.9	147.7	150.2	*153.3	*156.5	*158.8	*162.3
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	*119.9	*124.2	*125.9	*128.9
Building and mining equip.	do.....	286.2	214.2	182.1	169.3	165.7	171.9	173.8	153.6	145.3	141.8	146.2	148.7	154.4	*159.2	*162.1	*169.8
Manufacturing equipment..... do.....		127.9	107.2	101.6	98.0	97.5	97.0	97.6	97.9	99.7	101.7	102.5	105.0	*108.9	*113.5	*115.1	*117.7
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	*193.8	*196.8	*200.8
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	*276.0	*277.0	*281.1	*285.9
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	*95.9	*97.4	*101.0
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	*120.4	*120.7	*122.0	*123.5
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	*163.2	*163.9
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	*149.2	*150.7	*151.0
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	*170.4	*174.1	*175.6	
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	*147.8	149.6	*151.7	*153.0
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	*141.1	*144.1	*147.2	*149.3
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	*177.0	*177.7	*181.0	*181.9
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	*127.7	*128.3	*126.4	*126.1
By industry groupings:																	
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	139.6	143.8	*146.1	*145.2	*145.1
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	*115.0	*116.3	*117.4	*118.5
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	*80.9	*80.1	
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	*140.5	*142.7
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	*113.9	*115.0	*116.3	*117.5
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	*95.7	*94.7	*95.2	
Natural gas..... do.....		111.8	104.1	101.3	104.2	103.5	96.8	101.7	96.5	98.2	97.9	94.1	87.4	89.1			
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	*121.2	*125.0	*127.9	
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	*179.5	*176.4	*174.8
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	*200.9	*205.7	*201.2	*198.7
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	*150.6	*152.6	*154.8	*156.2
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	*170.6	*172.5	*173.9	*174.6
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	*159.9	159.0		
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		
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	*147.5	*147.7	
Apparel products..... do.....		120.4															
Paper and products..... do.....		155.0	150.8	154.3	155.0	154.5	151.1	158.8	155.6	156.3	157.0	161.5	163.0	*165.1	*168.2	*168.5	*168.0
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	*156.3	*158.6	*160.9
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	*220.4	*222.1	
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	*122.9	*126.5	*123.7
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	*304.9	*309.3	
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	*65.1	
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	*138.7	*141.6	*143.5
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	*96.8	*98.5	*99.8
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	*141.6	*141.5	
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	*175.2	*179.0	*179.8	
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	*148.2	*151.4	
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	*87.2	*91.3	*94.1
Iron and steel..... do.....		99.8	61.7	56.4	54.1	47.5	46.6	59.0	64.3	66.9	68.5	69.5	69.7	71.8	*75.1	*78.1	
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	*112.6	*108.1	*113.4	
Fabricated metal products..... do.....		136.4	114.8	112.3	107.6	107.0	107.3	110.3	113.9	115.3	115.5	118.5	122.7	*126.0	*128.2	*129.3	
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	*157.2	*158.5	*161.9
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	*188.3	*189.2	*194.4	*198.1
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	*121.1	*124.	

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS

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																
BUSINESS INVENTORIES																
Mfg. and trade inventories, book value, end of year or month (unadj.), total \$..... mil. \$.	520,611	506,147	518,362	524,517	522,035	506,147	503,783	506,862	506,481	507,118	506,524	504,086	502,800	*505,787	511,497	
Mfg. and trade inventories, book value, end of year or month (seas. adj.), total \$..... mil. \$.	526,152	511,942	521,000	519,797	513,888	511,942	507,550	507,665	503,222	504,796	505,658	505,521	505,826	*510,430	513,824	
Manufacturing, total †..... do.....	282,333	264,902	271,675	270,786	267,920	264,902	262,117	260,856	257,304	257,397	258,149	257,390	258,176	*259,834	260,944	
Durable goods industries..... do.....	186,222	175,200	180,520	179,675	177,061	175,200	172,506	171,572	169,377	169,814	170,734	169,840	169,693	*170,576	171,276	
Nondurable goods industries..... do.....	96,111	89,702	91,155	91,111	90,859	89,702	89,611	89,284	87,927	87,583	87,415	87,550	88,483	*89,258	89,668	
Retail trade, total \$..... do.....	126,833	128,250	129,788	128,849	127,619	128,250	127,869	130,392	129,327	129,901	131,654	132,501	131,905	*133,783	135,366	
Durable goods stores..... do.....	59,095	59,597	61,668	60,581	59,417	59,597	59,735	61,517	60,412	60,640	61,401	62,019	61,284	*62,313	64,038	
Nondurable goods stores..... do.....	67,738	68,653	68,120	68,268	68,202	68,653	68,134	68,875	68,915	69,261	70,253	70,482	70,621	*71,470	71,328	
Merchant wholesalers, total @..... do.....	116,986	118,790	119,537	120,162	118,349	118,790	117,564	116,417	116,591	117,498	115,855	115,630	115,745	*116,813	117,514	
Durable goods establishments..... do.....	76,674	78,514	79,811	80,567	78,752	78,514	77,571	75,814	75,708	75,338	73,710	74,007	74,126	*74,950	75,829	
Nondurable goods establishments..... do.....	40,312	40,276	39,726	39,595	39,597	40,276	39,993	40,603	40,883	42,160	42,145	41,623	41,619	*41,863	41,685	
Mfg. and trade inventories in constant(1972)dollars, end of year or month(seas.adj.),total*..... bil. \$.			266.0	264.9	262.1	261.2	259.2	259.4	257.6	257.2	257.5	257.1	*257.0	*258.0	259.3	
Manufacturing *..... do.....			143.0	142.2	140.7	139.6	138.2	137.7	136.5	136.3	136.6	136.3	136.3	*136.7	137.1	
Retail trade *..... do.....			66.1	65.8	64.9	65.1	64.9	66.1	65.9	65.8	66.2	66.3	*66.0	*66.4	67.2	
Merchant wholesalers *..... do.....			56.9	56.9	56.5	56.5	56.1	55.6	55.2	55.1	54.7	54.4	54.7	*54.9	55.0	
BUSINESS INVENTORY-SALES RATIOS																
Manufacturing and trade, total †..... ratio.....	1.43	1.51	1.52	1.54	1.52	1.51	1.47	1.49	1.45	1.44	1.39	1.35	1.36	*1.36	1.35	
Manufacturing, total †..... do.....	1.66	1.76	1.69	1.76	1.74	1.71	1.66	1.65	1.59	1.58	1.54	1.48	1.50	1.48	1.46	
Durable goods industries..... do.....	2.19	2.41	2.36	2.48	2.43	2.38	2.22	2.21	2.13	2.11	2.07	1.96	1.98	*1.94	1.92	
Materials and supplies..... do.....	0.69	0.73	0.71	0.75	0.74	0.72	0.66	0.66	0.63	0.63	0.61	0.58	0.59	*0.58	0.57	
Work in process..... do.....	0.97	1.06	1.05	1.11	1.10	1.08	0.99	0.98	0.95	0.95	0.93	0.88	0.89	*0.87	0.86	
Finished goods..... do.....	0.53	0.62	0.62	0.66	0.63	0.61	0.56	0.56	0.55	0.54	0.53	0.50	0.51	*0.50	0.49	
Nondurable goods industries..... do.....	1.13	1.14	1.08	1.11	1.12	1.11	1.11	1.11	1.07	1.06	1.02	1.00	1.02	*1.01	1.00	
Materials and supplies..... do.....	0.45	0.46	0.43	0.44	0.45	0.44	0.44	0.44	0.42	0.42	0.41	0.40	0.40	*0.41	0.40	
Work in process..... do.....	0.19	0.19	0.18	0.19	0.19	0.18	0.18	0.18	0.17	0.17	0.17	0.16	0.17	*0.16	0.16	
Finished goods..... do.....	0.48	0.49	0.47	0.49	0.49	0.48	0.50	0.49	0.47	0.47	0.45	0.44	0.45	*0.44	0.44	
Retail trade, total \$..... do.....	1.40	1.42	1.44	1.42	1.38	1.39	1.39	1.43	1.39	1.36	1.34	1.34	1.33	1.37	1.37	
Durable goods stores..... do.....	2.17	2.20	2.32	2.23	2.07	2.07	2.11	2.24	2.07	1.98	1.91	1.90	1.88	*2.02	2.00	
Nondurable goods stores..... do.....	1.06	1.08	1.08	1.07	1.07	1.08	1.06	1.08	1.08	1.07	1.06	1.06	1.05	*1.07	1.06	
Merchant wholesalers, total @..... do.....	1.13	1.24	1.29	1.31	1.29	1.30	1.24	1.26	1.25	1.27	1.19	1.15	1.15	*1.16	1.15	
Durable goods establishments..... do.....	1.74	2.06	2.14	2.14	2.08	2.08	1.96	2.04	2.02	2.00	1.87	1.76	1.77	*1.81	1.79	
Nondurable goods establishments..... do.....	0.69	0.70	0.72	0.73	0.73	0.75	0.72	0.74	0.74	0.77	0.73	0.71	0.71	*0.71	0.70	
Manufacturing and trade in constant (1972) dollars, total *..... do.....			1.74	1.77	1.73	1.73	1.67	1.69	1.65	1.65	1.59	1.55	1.57	*1.57	1.56	
Manufacturing *..... do.....			2.05	2.12	2.09	2.06	1.97	1.97	1.91	1.89	1.85	1.79	1.82	*1.79	1.78	
Retail trade *..... do.....			1.43	1.43	1.38	1.39	1.38	1.41	1.38	1.38	1.35	1.33	1.33	*1.36	1.36	
Merchant wholesalers *..... do.....			1.55	1.56	1.54	1.55	1.47	1.51	1.50	1.52	1.41	1.37	1.39	*1.40	1.39	
MANUFACTURERS' SALES, INVENTORIES, AND ORDERS																
Shipments (not seas. adj.), total †..... mil. \$.	2,017,545	1,910,119	167,548	159,487	153,628	150,068	146,613	159,488	170,007	164,345	168,943	182,537	158,500	*172,163	186,806	
Durable goods industries, total..... do.....	1,006,465	922,115	80,160	75,894	72,461	71,371	69,982	78,272	85,247	82,053	83,953	92,512	76,658	*83,450	93,599	
Stone, clay, and glass products..... do.....	48,001	44,005	3,989	3,903	3,578	3,237	3,368	3,549	3,887	3,962	4,108	4,518	3,944	*4,475	4,701	
Primary metals..... do.....	141,943	107,031	8,593	7,979	7,383	7,394	8,066	8,671	9,482	9,448	9,714	10,201	8,904	*9,581	10,392	
Blast furnaces, steel mills..... do.....	70,125	47,320	3,615	3,130	2,993	3,059	3,220	3,429	3,896	3,792	3,774	4,122	3,524	*3,860	4,122	
Fabricated metal products..... do.....	123,665	113,967	9,825	9,324	8,855	8,257	8,469	9,374	10,074	9,773	10,198	10,757	9,217	*10,389	11,296	
Machinery, except electrical..... do.....	201,538	180,612	15,488	13,902	13,727	14,678	12,186	13,413	15,424	14,038	14,315	16,519	13,851	*14,224	16,337	
Electrical machinery..... do.....	140,195	140,550	12,301	11,908	11,496	11,421	11,042	12,214	12,967	12,545	12,605	13,989	11,553	*12,481	14,502	
Transportation equipment..... do.....	205,222	195,370	17,130	16,393	15,654	15,489	16,123	19,113	20,529	19,623	20,030	22,284	16,744	*18,389	21,536	
Motor vehicles and parts..... do.....	116,981	112,177	10,024	9,432	8,622	7,694	8,826	11,737	12,346	11,985	12,875	14,088	10,211	*11,693	14,003	
Instruments and related products..... do.....	48,292	48,873	4,516	4,085	4,049	4,064	3,673	3,900	4,204	3,892	3,906	4,378	3,892	*4,082	4,551	
Nondurable goods industries, total..... do.....	1,011,080	988,004	87,388	83,593	81,167	78,697	76,631	81,216	84,760	82,292	84,990	90,025	81,842	*88,713	93,207	
Food and kindred products..... do.....	272,140	277,324	24,867	23,694	23,325	22,883	21,404	23,596	24,454	22,835	23,904	24,980	22,498	*24,244	26,286	
Tobacco products..... do.....	13,130	14,455	1,498	1,265	1,108	1,347	1,046	1,121	1,476	1,269	1,414	1,803	1,374	*1,505	1,817	
Textile mill products..... do.....	50,261	47,217	4,252	4,076	3,842	3,826	3,445	3,949	4,557	4,140	4,332	4,763	3,775	*4,651	4,882	
Paper and allied products..... do.....	80,236	78,989	6,754	6,669	6,354	6,038	6,506	6,813	7,058	7,070	6,975	7,423	6,676	*7,487	7,578	
Chemical and allied products..... do.....	180,457	172,803	14,948	13,269	13,284	13,719	13,851	14,974	16,109	15,351	16,307	17,010	14,330	*15,591	16,992	
Petroleum and coal products..... do.....	224,132	206,430	17,824	17,473	16,793	16,379	15,241	14,206	14,781	15,431	15,835	16,789	16,610	*16,723	16,836	
Rubber and plastics products..... do.....	53,173	50,163	4,442	4,344	3,832	3,533	3,901	4,130	4,148	4,280	4,237	4,614	4,118	*4,438	4,637	
Shipments (seas. adj.), total †..... do.....			160,458	154,194	154,318	154,543	158,239	158,081	161,803	163,065	167,965	173,920	172,598	*175,989	178,887	
By industry group:																
Durable goods industries, total #..... do.....			76,419	72,478	73,005	73,495	77,744	77,769	79,595	80,241	82,669	86,582	85,646	*87,918	89,206	
Stone, clay, and glass products..... do.....			3,686	3,624	3,627	3,634	4,016	3,799	3,822	3,885	4,039	4,150	3,987	*4,241	4,339	
Primary metals..... do.....			8,385	7,841	7,737											

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS

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 †—Continued																
Shipments (seas. adj.) †—Continued																
By market category: †																
Home goods and apparel	mil. \$..	'135,915	'130,888	11,092	10,904	10,676	10,395	11,276	11,415	11,208	11,716	11,769	12,107	12,369	'12,520	12,679
Consumer staples	do.....	'355,359	'367,743	31,456	30,345	30,592	30,792	30,811	31,501	32,055	31,133	32,423	32,713	31,680	'32,419	32,780
Equipment and defense prod., exc. auto	do.....	'305,123	'290,655	24,421	23,395	23,506	23,805	23,426	23,061	23,797	23,992	23,448	25,424	24,993	'24,569	25,877
Automotive equipment	do.....	'137,770	'130,758	11,109	9,625	9,822	10,445	12,501	13,474	12,902	12,886	13,998	14,783	14,635	'16,579	15,349
Construction materials and supplies	do.....	'149,156	'135,945	11,402	11,208	11,226	11,048	12,433	12,026	12,291	12,311	13,018	13,552	13,198	'13,407	14,006
Other materials and supplies	do.....	'934,222	'854,130	70,978	68,717	68,496	68,058	67,792	66,604	69,550	71,027	73,309	75,341	75,723	'76,495	78,196
Supplementary series:																
Household durables	do.....	'61,152	'57,753	4,927	4,828	4,683	4,449	4,976	4,910	4,971	5,252	5,284	5,534	5,461	'5,470	5,575
Capital goods industries	do.....	'345,885	'327,792	27,111	26,220	26,279	26,532	26,339	26,017	27,153	27,402	26,788	28,953	28,253	'28,007	29,285
Nondefense	do.....	'297,788	'271,379	22,130	21,210	21,311	21,455	21,196	20,762	22,037	22,131	21,612	23,616	22,570	'22,565	23,886
Defense	do.....	'48,097	'56,413	4,981	5,010	4,968	5,077	5,143	5,255	5,116	5,271	5,176	5,337	5,683	'5,442	5,399
Inventories, end of year or month: †																
Book value (unadjusted), total	do.....	279,454	261,987	269,207	268,917	266,310	261,987	262,428	262,695	259,430	260,170	260,480	257,931	257,422	'258,561	258,367
Durable goods industries, total	do.....	183,616	172,615	178,831	177,979	175,402	172,615	172,243	173,009	171,120	171,819	172,589	170,623	169,590	'170,219	169,739
Non-durable goods industries, total	do.....	95,838	89,372	90,376	90,938	90,908	89,372	90,185	89,686	88,310	88,351	87,891	87,308	87,832	'88,342	88,628
Book value (seasonally adjusted), total †	do.....	282,333	264,902	271,675	270,786	267,920	264,902	262,117	260,856	257,304	257,397	258,149	257,390	258,176	'259,834	260,944
By industry group:																
Durable goods industries, total #	do.....	186,222	175,200	180,520	179,675	177,061	175,200	172,506	171,572	169,377	169,814	170,734	169,840	169,693	'170,576	171,276
Stone, clay, and glass products	do.....	6,445	5,962	6,076	6,070	6,036	5,962	5,724	5,751	5,786	5,783	5,727	5,694	5,725	'5,714	5,723
Primary metals	do.....	25,509	21,306	23,271	22,964	22,375	21,306	20,674	20,592	20,174	20,543	20,563	20,302	20,105	'20,010	19,906
Blast furnaces, steel mills	do.....	13,194	10,603	11,847	11,664	11,322	10,603	10,062	9,945	9,770	10,008	9,961	9,808	9,771	'9,560	9,483
Fabricated metal products	do.....	20,332	17,746	19,106	18,671	18,068	17,746	17,444	17,310	17,121	17,264	17,310	17,418	17,603	'17,783	17,607
Machinery, except electrical	do.....	43,494	40,153	41,982	41,945	40,979	40,153	39,539	39,234	38,636	38,269	38,197	37,842	37,310	'37,316	37,935
Electrical machinery	do.....	28,474	26,713	27,098	27,026	27,095	26,713	26,589	26,287	26,085	26,165	26,424	26,711	26,791	'27,098	27,259
Transportation equipment	do.....	37,539	40,491	39,381	39,612	39,426	40,491	39,917	39,771	39,150	39,278	39,826	39,267	39,334	'39,594	39,728
Motor vehicles and parts	do.....	9,054	8,308	8,313	8,196	7,952	8,308	8,063	8,175	8,144	8,367	8,466	8,375	8,594	'8,537	8,561
Instruments and related products	do.....	9,755	9,308	9,565	9,538	9,418	9,308	9,047	8,954	8,830	8,927	8,965	8,840	8,873	'8,982	8,963
By stage of fabrication: †																
Materials and supplies	do.....	57,953	52,543	54,355	53,969	53,100	52,543	51,453	51,410	50,016	50,268	50,582	50,333	50,137	'50,849	51,074
Work in process	do.....	81,107	77,908	78,776	78,973	78,308	77,908	77,141	76,420	75,896	76,018	76,686	75,928	76,081	'76,116	76,824
Finished goods	do.....	47,162	44,749	47,389	46,733	45,653	44,749	43,912	43,742	43,465	43,528	43,466	43,579	43,475	'43,611	43,378
Non-durable goods industries, total #	do.....	96,111	89,702	91,155	91,111	90,859	89,702	89,611	89,284	87,927	87,583	87,415	87,550	88,483	'89,258	89,668
Food and kindred products	do.....	21,382	20,680	20,896	20,820	20,808	20,680	20,855	20,733	20,654	20,536	20,496	20,201	20,325	'21,081	21,209
Tobacco products	do.....	4,338	4,370	4,489	4,374	4,419	4,370	4,503	4,439	4,596	4,707	4,609	4,708	5,030	'4,641	4,617
Textile mill products	do.....	6,836	6,164	6,314	6,261	6,164	6,164	6,195	6,127	6,180	6,225	6,349	6,478	6,605	'6,706	6,871
Paper and allied products	do.....	8,641	8,607	8,657	8,687	8,693	8,607	8,534	8,483	8,370	8,304	8,347	8,326	8,334	'8,391	8,510
Chemicals and allied products	do.....	22,011	19,898	20,625	20,635	20,255	19,898	19,503	19,434	19,364	19,401	19,267	19,253	19,509	'19,803	19,643
Petroleum and coal products	do.....	10,689	9,411	9,326	9,357	9,240	9,411	9,685	9,782	9,855	9,588	9,584	9,505	9,487	'8,330	8,605
Rubber and plastics products	do.....	6,557	5,824	5,916	5,984	5,874	5,824	5,666	5,670	5,629	5,638	5,656	5,734	5,722	'5,700	5,669
By stage of fabrication: †																
Materials and supplies	do.....	37,726	35,140	35,801	35,465	35,509	35,140	35,360	35,257	34,815	34,722	34,592	34,989	35,031	'35,814	36,208
Work in process	do.....	15,995	14,241	14,949	14,772	14,608	14,241	14,378	14,477	14,164	14,347	14,174	14,206	14,441	'14,440	14,423
Finished goods	do.....	42,390	40,321	40,405	40,874	40,742	40,321	39,873	39,550	38,948	38,514	38,649	38,355	39,011	'39,004	39,037
By market category: †																
Home goods and apparel	do.....	22,226	20,244	20,932	20,780	20,472	20,244	20,091	19,889	19,737	19,800	19,893	20,226	20,229	'20,334	20,475
Consumer staples	do.....	33,997	33,266	33,652	33,589	33,485	33,266	33,452	33,307	33,192	32,998	32,982	32,812	33,237	'33,284	33,837
Equip. and defense prod., exc. auto	do.....	76,449	76,504	77,326	77,442	76,747	76,504	75,573	74,873	73,963	73,713	74,126	73,193	72,899	'73,223	73,969
Automotive equipment	do.....	11,395	10,473	10,404	10,347	10,074	10,473	10,207	10,260	10,123	10,297	10,509	10,426	10,635	'10,664	10,929
Construction materials and supplies	do.....	21,464	18,928	19,579	19,400	19,189	18,928	18,459	18,567	18,607	18,604	18,545	18,777	19,018	'19,208	19,378
Other materials and supplies	do.....	116,802	105,487	109,782	109,228	107,953	105,487	104,335	103,960	101,682	101,985	102,094	101,956	102,158	'103,121	103,566
Supplementary series:																
Household durables	do.....	10,894	9,895	10,417	10,265	10,040	9,895	9,802	9,666	9,749	9,786	9,862	9,774	9,806	'9,915	9,915
Capital goods industries	do.....	86,301	86,280	87,137	87,305	86,604	86,280	85,473	84,908	83,740	83,447	84,006	83,256	82,781	'83,091	83,901
Nondefense	do.....	72,915	70,297	72,098	71,971	71,036	70,297	68,935	68,407	66,916	66,597	66,766	65,945	65,433	'65,286	66,484
Defense	do.....	13,386	15,983	15,039	15,334	15,568	15,983	16,538	16,501	16,824	16,850	17,240	17,311	17,348	'17,805	17,417
New orders, net (not seas. adj.), total †																
Durable goods industries, total	do.....	2,015,089	1,888,448	163,475	159,054	150,600	155,180	154,561	160,300	172,686	166,871	168,383	183,816	160,105	'172,883	188,299
Durable goods industries, total	do.....	1,004,703	901,237	75,755	75,559	69,483	76,245	77,665	79,059	87,411	84,375	83,297	93,788	77,987	'83,883	94,770
Non-durable goods industries, total	do.....	1,010,386	987,211	87,520	83,495	81,117	78,935	76,896	81,241	85,275	82,496	85,086	90,028	82,118	'89,000	93,529
New orders, net (seas. adj.), total †																
Durable goods industries, total	do.....	'1,004,703	'901,237	72,348	70,735	71,067	76,180	82,355	77,449	79,951	83,101	84,456	90,905	88,234	'89,978	90,934
Primary metals	do.....	'138,968	'100,876	8,054	7,116	7,670	7,212	8,708	9,911	9,183	9,952	9,963	10,113	10,207	'11,006	10,979
Blast furnaces, steel mills	do.....	'69,302	'43,405	3,294	2,810	3,005	2,684	3,526	4,277	3,777	3,481	4,173	3,925	4,342	'4,727	4,844
Nonferrous and other primary met.....	do.....	'57,310	'48,201	4,096	3,658	3,980	3,854	4,347	4,839	4,553	4,619	4,714	5,109	4,983	'5,240	4,897
Fabricated metal products	do.....	'122,412	'106,782	8,788	8,376	8,109	7,761	9,229	9,024	9,715	9,313	10,036	10,133	9,885	'10,341	10,722
Machinery, except electrical	do.....	'200,491	'162,913	13,401	13,409	12,773	11,967	12,708	12,252	14,330	14,806	14,965	15,467	14,844	'15,391	17,199
Electrical machinery	do.....	'144,712	'147,073	12,099	11,945	12,292	12,934	12,213	12,298	12,526	13,181	13,456	13,432	14,713	'13,987	14,137
Transportation equipment	do.....	'203,724	'200,931	14,444	14,804	15,150	21,399	23,105	17,708	17,953	19,973	18,377	23,442	20,495	'21,660	19,391
Aircraft, missiles, and parts	do.....	'64,123	'68,008	3,841	5,436	5,483	6,598	9,616	5,206	5,946	7,162	4,349	8,512	5,043	'5,448	5,568
Non-durable goods industries, total	do.....	'1,010,386	'987,211	<												

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	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
GENERAL BUSINESS INDICATORS—Continued																
MANUFACTURERS' SALES, INVENTORIES, AND ORDERS †—Continued																
Unfilled orders, end of year or month (unadjusted), total †..... 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	*316,747	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 †..... 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	*10,648	10,970	
Unfilled orders, end of year or month (seasonally adjusted) total †..... mil. \$..	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	*320,664	322,776	
By industry group:																
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	*310,024	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	*24,788	25,648	
Blast furnaces, steel mills..... do....	15,779	11,891	12,796	12,492	12,370	11,891	12,168	13,204	13,388	13,281	13,672	13,660	14,038	*14,650	15,400	
Nonferrous and other primary met..... do....	7,403	6,130	6,569	6,242	6,339	6,130	6,296	6,944	6,982	7,067	7,079	7,394	7,405	*7,812	7,778	
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	*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	60,600	57,787	58,303	59,223	60,600	60,828	61,246	61,408	61,967	63,078	63,317	65,076	*66,192	66,824	
Transportation equipment..... do....	115,556	120,898	116,140	115,779	115,619	120,898	126,003	124,576	123,997	125,463	124,783	127,593	128,279	*128,020	126,705	
Aircraft, missiles, and parts..... do....	88,640	92,669	91,936	91,801	91,806	92,669	96,483	95,883	95,873	97,112	95,954	98,181	97,612	*97,203	97,044	
Nondur. goods ind. with unfilled orders †..... 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	*10,640	11,023	
By market category: †																
Home goods, apparel, consumer staples..... do....	5,251	4,272	4,169	4,078	4,123	4,272	4,350	4,473	4,348	4,334	4,790	4,783	4,890	*4,992	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	191,212	194,009	194,378	*194,659	195,566	
Construction materials and supplies..... do....	17,125	12,769	14,594	14,323	13,631	12,769	12,707	12,478	13,003	12,889	12,627	12,691	12,523	*12,685	12,620	
Other materials and supplies..... do....	108,757	95,622	96,805	95,859	95,527	95,622	97,341	98,721	100,739	100,823	102,293	104,005	106,557	*108,328	109,631	
Supplementary series:																
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	*3,809	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	119,734	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	104,045	106,648	107,865	*106,967	106,387	
BUSINESS INCORPORATIONS @																
New incorporations (50 States and Dist. Col.):																
Unadjusted..... number.....	581,242	566,942	45,461	45,029	44,354	59,750	48,099	43,756	53,796	49,294						
Seasonally adjusted..... do....			45,552	45,530	48,474	57,507	49,999	48,296	48,032	48,903						
INDUSTRIAL AND COMMERCIAL FAILURES @																
Failures, total..... number.....	16,794															
Commercial service..... do....	2,366															
Construction..... do....	3,614															
Manufacturing and mining..... do....	2,224															
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															
Retail trade..... do....	1,558,528															
Wholesale trade..... do....	1,128,632															
Failure annual rate (seasonally adjusted) No. per 10,000 concerns.....	*61.3															

COMMODITY PRICES

PRICES RECEIVED AND PAID BY FARMERS ◇																
Prices received, all farm products..... 1910-14=100..	633	609	620	586	587	579	585	604	611	622	624	611	598	634	*623	622
Crops #..... do....	580	524	538	491	505	494	492	509	523	549	558	545	539	600	*585	593
Commercial vegetables..... do....	677	630	499	521	625	575	526	624	705	749	701	694	576	593	*622	728
Cotton..... do....	566	467	469	505	506	484	473	476	506	504	521	516	545	560	*533	546
Feed grains and hay..... do....	446	378	347	328	346	362	375	401	415	447	465	460	464	490	*490	492
Food grains..... do....	456	401	383	388	393	398	404	405	412	425	425	397	380	410	*415	403
Fruit..... do....	481	649	1,085	718	667	543	499	479	443	456	467	449	396	598	*394	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	*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	*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	*1,107	1,107
Parity ratio \$..... do....	61	57	58	55	55	54	54	56	56	57	57	55	54	57	56	56
CONSUMER PRICES (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	*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..... do....	258.5	273.3	276.9	277.9	278.1	278.2	278.5	278.5	278.7	280.8	282.4	283.4	284.5	285.4	286.8	287.5
All items less food..... do....	270.6	288.4	292.9	294.0	293.6	292.1	*292.6	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	290.8	291.5	290.8	289.5	*290.0	290.0	290.1	292.3	293.9	294.9	296.0	297.0	298.5	299.3

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.
COMMODITY PRICES—Continued																
CONSUMER PRICES—Continued (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	267.2	266.7	266.7	269.2	270.9	271.6	272.5	273.4	274.5	275.0
Nondurables..... do.....	266.3	273.6	276.2	276.5	276.4	275.8	275.2	274.6	274.4	277.3	279.3	279.7	280.3	281.0	281.8	281.7
Nondurables less food..... do.....	257.5	261.6	264.6	265.7	266.1	264.7	264.2	260.5	258.9	263.0	266.3	267.3	268.4	269.6	270.6	270.2
Durables..... do.....	227.1	241.1	244.1	246.0	246.6	247.3	247.3	247.1	247.4	248.7	249.5	251.2	252.9	254.3	256.4	258.6
Commodities less food..... do.....	241.2	250.9	253.9	255.4	256.0	255.8	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	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	(*)									
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	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	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	230.2	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	376.8	383.0	382.8	379.5	372.9	(*)									
Fuel and utilities #..... do.....	319.2	350.8	359.5	363.4	362.2	364.1	365.4	364.6	363.8	363.6	369.3	373.6	375.5	375.1	376.4	374.4
Fuel oil, coal, and bottled gas..... do.....	675.9	667.9	662.8	677.2	691.3	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	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	292.3	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	361.2	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 @																
All items, percent change from previous month.....			0.1	0.4	0.0	-0.3	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	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	256.6	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	286.3	289.1	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	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	338.3	339.3	339.8	341.7	342.8	343.7	345.1	346.5	348.0	349.4
PRODUCER PRICES \$ (U.S. Department of Labor Indexes)																
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	302.4	303.2	304.9	305.3	306.3
By stage of processing: †																
Crude materials for further processing..... do.....	329.0	319.5	316.1	312.0	313.2	312.7	313.9	320.2	321.6	325.8	325.8	323.3	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	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	284.6	285.2	285.6	285.1	287.1
Capital equipment..... do.....	264.3	279.4	278.7	283.2	283.8	284.9	285.2	285.6	285.6	286.2	286.5	286.7	287.4	288.0	285.4	290.9
By durability of product:																
Durable goods..... do.....	269.8	279.0	278.6	281.2	281.2	282.0	282.6	284.8	284.6	285.3	286.0	286.7	287.3	287.8	286.7	289.2
Nondurable goods..... do.....	312.4	315.3	315.7	314.3	315.3	315.3	313.3	313.4	313.0	312.4	313.5	314.5	315.5	318.2	319.9	319.5
Total manufactures..... 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
Durable 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	303.1	304.7	306.4	308.1	308.3
Farm prod., processed foods and feeds..... do.....	251.5	248.9	247.4	243.8	243.9	244.8	245.8	250.4	250.6	254.7	254.7	252.5	251.6	255.7	259.2	257.9
Farm products..... do.....	254.9	242.4	234.5	229.2	230.7	232.6	233.2	240.7	241.5	250.5	250.4	247.4	244.3	253.5	256.3	255.2
Foods and feeds, processed..... do.....	248.7	251.5	253.5	250.8	250.2	250.5	251.7	254.7	254.5	256.0	256.1	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	315.3	316.6	317.5	317.2	318.7
Chemicals and allied products..... do.....	287.8	292.3	290.7	289.9	290.5	289.6	289.3	290.5	289.8	291.3	291.1	290.8	291.3	294.9	294.8	296.4
Fuels and related prod., and power..... do.....	694.4	693.2	700.4	698.8	706.1	703.4	683.6	668.6	658.0	644.8	651.9	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	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	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	314.8	314.5	313.9	306.0	306.1
Machinery and equipment..... do.....	263.1	278.8	280.2	281.1	281.8	284.2	283.3	284.3	284.7	285.4	286.0	286.2	286.9	287.1	287.5	287.8
Metals and metal products..... do.....	300.4	301.6	301.8	301.6	300.5	299.9	300.3	304.7	304.4	304.6	306.1	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	324.5	325.4	326.2	327.2	327.9
Pulp, paper, and allied products..... do.....	273.7	288.7	289.4	289.8	289.8	290.5	293.6	294.2	294.8	295.4	296.0	297.0	297.7	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	243.1	244.4	244.6	244.5	245.1
Textile products and apparel..... do.....	199.6	204.6	204.3	204.1	203.9	202.6	202.7	202.6	203.4	203.5	204.3	204.7	205.1	205.7	205.8	206.4
Transportation equipment #..... Dec. 1968=100..	235.4	249.7	244.5	256.0	256.3	257.5	256.3	255.8	255.2	255.6	255.8	256.1	256.4	257.0	250.3	261.2
Motor vehicles and equip..... 1967=100..	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 †																
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: †																
Crude materials for further processing 1967=100..			315.4	314.3	317.3	316.6	315.8	316.8	318.9	323.9	324.1	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	311.1	312.2	314.0	316.1	317.0
Finished goods #..... do.....			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
Finished consumer goods..... do.....			283.0	284.4	286.2	287.0	283.1	283.4	282.2	282.3	282.9	284.5	284.6	285.5	286.4	287.3
Foods..... do.....			258.3	258.2	258.2	258.8	258.3	260.9	261.4	264.2	262.9	261.4	259.6	260.7	262.4	265.3
Finished goods, exc. foods..... do.....			291.2	293.2	295.8	296.7	290.8	290.0	288.0	286.7	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.
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	*19,183	*19,933	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	*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	*8,361	*8,757	8,688
Nonresidential buildings, except farm and public utilities, total #	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	*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	*3,242	3,279
Public utilities:																
Telephone and telegraph	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	*4,797	*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	*1,533	*1,681	1,582
Housing and redevelopment	do....	1,722	1,658	153	152	162	154	144	133	151	136	137	133	*122	*150	146
Industrial	do....	1,655	1,632	167	136	139	127	156	126	151	137	154	152	165	137	198
Military facilities	do....	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	*2,023	1,797
New construction (seasonally adjusted at annual rates), total	bil. \$..			230.7	234.1	243.7	240.2	247.9	243.0	241.9	247.4	254.8	264.3	*269.6	*274.8	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	*218.5	*221.4	222.2
Residential	do....			71.7	76.4	81.2	86.0	89.7	93.6	96.1	102.0	107.5	113.5	*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	*92.7	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	*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:																
Telephone and telegraph	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	*53.4	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	*1.8	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	*15.9	15.3
CONSTRUCTION CONTRACTS																
Construction contracts in 50 States (F.W. Dodge Division, McGraw-Hill):																
Valuation, total	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
Index (mo. data seas. adj.)	1977=100..	*110	*111	114	105	122	131	127	119	131	129	148	151	137	146	143
Public ownership	mil. \$..	38,956	41,347	3,780	*3,171	3,137	2,835	2,958	2,538	3,917	3,735	4,479	5,070	4,162	4,621	4,369
Private ownership	do....	114,524	113,273	10,070	*9,188	9,772	11,142	8,418	8,772	12,254	12,602	14,455	15,270	12,866	13,976	13,019
By type of building:																
Nonresidential	do....	60,088	59,208	4,889	*4,956	4,520	3,975	4,459	4,214	5,438	4,549	5,246	6,334	5,312	6,006	5,437
Residential	do....	60,164	58,076	5,560	*5,548	5,628	5,184	4,970	4,775	7,762	7,667	8,235	10,158	8,471	9,257	8,644
Non-building construction	do....	33,228	37,336	3,402	*1,855	2,761	4,818	1,947	2,321	2,971	4,120	5,453	3,847	3,246	3,334	3,308
New construction planning (Engineering News-Record) \$	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
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	*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	*176.8	*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	*109.9	*97.8
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	*1,904	*1,672
One-family structures	do....			683	716	868	842	1,126	1,103	1,008	1,001	1,183	1,127	1,032	*1,135	*1,039
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
One-family structures	do....	564	546	576	657	738	753	866	835	859	841	940	1,013	920	874	*837
Manufacturers' shipments of mobile homes																
Unadjusted	thous..	240.9	238.9	21.2	20.4	18.8	15.9	18.1	19.7	25.4	25.1	26.8	29.5	23.3	30.1	28.0
Seasonally adjusted at annual rates	do....			222	224	251	243	284	283	276	291	298	308	299	305	302
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														
Atlanta	do....	2,841														
New York	do....	2,645														
San Francisco	do....	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
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	*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.

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	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
CONSTRUCTION AND REAL ESTATE—Continued																
REAL ESTATE ◇																
Mortgage applications for new home construction:																
FHA net applications.....thous. units.....	92.3	99.8	9.8	11.8	7.9	11.3	12.2	12.0	17.1	16.5	15.1	18.8	15.9	19.3	13.3	11.9
Seasonally adjusted annual rates..... do.....			180	106	143	168	178	167	180	187	156	210	198	207	154	146
Requests for VA appraisals..... do.....	153.8	155.0	12.9	15.7	16.9	15.1	19.5	21.0	27.3	22.7	22.4	26.3	22.7	28.0	21.4	17.3
Seasonally adjusted annual rates..... do.....			154	186	227	238	274	278	292	249	245	293	266	288	255	205
Home mortgages insured or guaranteed by:																
Fed. Hous. Adm.: Face amount..... mil. \$..	10,278.14	8,087.07	772.41	724.61	771.21	1,083.56	914.79	1,100.29	2,026.13	2,447.06	1,637.70	3,944.14	2,464.19	2,174.87	3,933.79	2,190.42
Vet. Adm.: Face amount \$..... do.....	7,905.93	5,428.27	743.54	385.69	464.78	563.89	630.80	961.02	1,243.48	1,189.71	1,910.77	1,541.01	1,223.94	2,193.18	2,091.70	1,934.20
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	57,862	58,560
New mortgage loans of all savings and loan associations, estimated total..... mil. \$..	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	
By purpose of loan:																
Home construction..... do.....	11,599	11,765	1,154	1,125	1,194	1,719	1,152	1,340	2,163	2,267	2,245	2,597	2,296	*2,473	2,398	
Home purchase..... do.....	28,299	21,779	1,988	1,786	1,938	2,714	2,173	2,249	3,438	3,829	4,425	5,767	5,496	*6,308	5,621	
All other purposes..... do.....	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																
ADVERTISING																
Magazine advertising (Publishers Information Bureau):																
Cost, total..... mil. \$..	3,256.9	3,421.2	307.5	351.1	397.6	285.5	229.2	275.9	320.6	330.9	374.7	295.5	249.3	250.0	347.6	
Apparel and accessories..... do.....	143.4	154.4	23.2	17.2	16.7	11.9	8.8	10.3	20.4	17.3	15.7	9.0	8.9	20.0	32.6	
Automotive, incl. accessories..... do.....	291.7	330.0	17.9	36.8	46.2	26.9	19.3	32.0	35.8	36.2	45.6	34.6	24.5	22.6	19.6	
Building materials..... do.....	59.3	52.3	6.9	5.1	4.1	2.7	3.4	2.6	3.7	5.0	7.0	2.5	3.4	2.9	8.0	
Drugs and toiletries..... do.....	320.4	329.3	30.4	30.3	28.5	24.7	20.1	27.1	31.6	36.2	39.5	30.8	27.3	28.6	37.1	
Foods, soft drinks, confectionery..... do.....	234.4	261.3	22.3	26.9	34.3	20.8	14.2	23.7	23.9	20.7	24.9	21.6	23.2	18.2	22.7	
Beer, wine, liquors..... do.....	256.9	258.1	19.5	24.3	32.6	34.8	10.2	13.6	19.6	19.6	20.5	21.5	14.6	13.0	17.3	
Household equip., supplies, furnishings..... do.....	167.9	146.7	17.1	16.0	17.5	10.8	8.0	8.0	12.2	17.2	19.6	11.5	10.6	7.2	18.2	
Industrial materials..... do.....	67.7	50.9	3.9	3.7	4.4	2.4	2.3	2.3	3.1	3.3	4.4	2.9	2.5	2.7	4.5	
Soaps, cleansers, etc..... do.....	29.7	26.5	2.1	3.2	2.5	1.1	1.3	2.0	1.9	2.6	2.6	1.5	1.1	2.1	2.1	
Smoking materials..... do.....	316.6	358.0	32.0	34.2	38.7	32.7	31.4	31.4	34.9	36.0	38.2	36.4	35.3	29.9	28.0	
All other..... do.....	1,368.9	1,450.6	132.1	153.1	172.0	116.7	110.1	122.9	133.5	136.8	156.3	121.6	98.0	103.0	157.4	
Newspaper advertising expenditures (Media Records Inc.):																
Total..... mil. \$..	9,575.4															
Automotive..... do.....	228.6															
Classified..... do.....	2,514.9															
Financial..... do.....	387.2															
General..... do.....	1,380.0															
Retail..... do.....	5,067.8															
WHOLESALE TRADE ‡																
Merchant wholesalers sales (unadj.), total..... mil. \$..	1,208,070	1,144,352	93,626	93,067	94,181	94,279	87,420	84,974	100,953	91,153	98,523	103,062	94,640	*102,865	102,549	
Durable goods establishments..... do.....	509,743	457,713	38,473	38,473	38,279	37,643	35,061	34,133	40,763	37,531	39,875	43,773	39,836	*43,735	43,323	
Nondurable goods establishments..... do.....	698,327	686,639	55,153	54,594	55,902	56,636	52,359	50,841	60,190	53,622	58,648	59,289	54,804	*59,130	59,226	
Merchant wholesalers inventories, book value, end of year or month (unadj.), total..... mil. \$..	117,566	119,302	118,424	120,222	119,620	119,302	118,010	117,803	118,208	117,613	115,127	114,492	114,378	*114,786	116,423	
Durable goods establishments..... do.....	75,601	77,415	79,731	79,439	77,964	77,415	76,097	75,738	75,935	75,790	74,963	75,117	75,090	*75,100	75,905	
Nondurable goods establishments..... do.....	41,965	41,887	38,693	40,783	41,656	41,887	41,913	42,065	42,273	41,823	40,164	39,375	39,288	*39,686	40,518	
RETAIL TRADE																
All retail stores: †																
Estimated sales (unadj.), total †..... mil. \$..	1,047,573	1,075,679	88,159	91,416	94,196	113,189	81,342	78,884	93,760	93,970	97,840	100,611	99,563	*100,228	*97,873	*100,006
Durable goods stores #..... do.....	316,020	320,868	26,776	26,824	28,423	31,142	23,808	24,159	30,832	30,350	32,656	34,999	32,861	*33,039	*32,043	*32,824
Building materials, hardware, garden supply, and mobile home dealers #..... mil. \$..	51,968	48,975	4,395	4,404	4,039	3,864	3,261	3,159	4,088	4,567	5,416	5,685	5,290	*5,356	*5,096	*5,101
Automotive dealers..... do.....	173,922	182,390	15,261	15,218	16,233	14,960	13,776	14,536	19,246	18,405	19,585	21,238	19,589	*19,192	*18,545	*19,043
Furniture, home furn., and equip..... do.....	47,462	46,513	3,765	3,859	4,193	5,318	3,639	3,440	4,035	3,937	3,976	4,187	4,319	*4,579	*4,394	*4,515
Nondurable goods stores..... do.....	731,553	754,811	61,383	64,592	65,773	82,047	57,534	54,725	62,928	63,620	65,184	65,612	66,702	*67,189	*65,830	*67,182
General merch. group stores..... do.....	127,948	131,282	10,066	11,036	13,197	21,238	7,896	7,747	10,248	10,490	11,190	11,156	10,562	*11,410	*11,090	*11,904
Food stores..... do.....	241,102	252,802	20,957	21,572	20,680	23,608	20,354	19,323	21,497	21,739	21,860	22,234	23,443	*22,294	*22,179	*21,963
Gasoline service stations..... do.....	108,231	104,633	8,706	8,869	8,585	8,706	8,072	7,353	8,324	8,872	9,119	9,479	9,479	*9,467	*8,933	*8,862
Apparel and accessory stores..... do.....	50,270	51,991	4,151	4,395	4,762	7,232	3,496	3,203	4,185	4,327	4,325	4,238	4,094	*4,627	*4,407	*4,623
Eating and drinking places..... do.....	98,585	107,357	9,145	9,548	8,878	9,382	8,673	8,413	9,635	9,942	10,210	10,368	10,846	*10,755	*10,347	*10,430
Drug and proprietary stores..... do.....	33,593	35,849	2,859	2,953	3,021	4,171	2,975	2,930	3,208	3,114	3,168	3,185	3,147	*3,222	*3,140	*3,178
Liquor stores..... do.....	18,631	19,031	1,505	1,553	1,559	2,197	1,386	1,329	1,452	1,495	1,519	1,571	1,663	*1,618	1,586	
Estimated sales (seas. adj.), total †..... do.....			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	*100,175
Durable goods stores #..... do.....			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	*32,891
Building materials, hardware, garden supply, and mobile home dealers #..... mil. \$..			4,004	4,024	4,057	4,143	4,366	4,222	4,400	4,542	4,882	4,951	4,904	*4,784	*4,679	*4,654
Building materials and supply stores..... do.....			2,809	2,848	2,864	3,018	3,214	3,101	3,232	3,330	3,482	3,537	3,556	*3,464	3,383	
Hardware stores..... do.....			663	682	682	674	710	702	685	680	741	740	745	*721	718	
Automotive dealers..... do.....			15,200	15,713	17,104	16,727	15,979	15,496	16,802	18,157	19,096	19,509	19,314	*17,563	*18,548	*19,202
Motor vehicle and miscellaneous auto dealers..... do.....			13,424	13,927	15,298	14,965	14,227	13,664	14,986	16,371	17,188	17,571	17,332	*15,595	*16,586	*17,275
Auto and home supply stores..... do.....			1,776	1,786	1,806	1,762	1,752	1,832	1,816	1,786	1,908	1,938	1,982	*1,968	1,962	
Furniture, home furn., and equip. #..... do.....			3,807	3,834	3,868	4,100	4,100	3,973	4,106	4,196	4,240	4,227	4,374	*4,419	*4,440	*4,542
Furniture, home furnishings stores..... do.....			2,180	2,242	2,258	2,326	2,384	2,296	2,425	2,423	2,449	2,449	2,516	*2,593	2,631	
Household appliance, radio, TV..... do.....			1,109	1,118	1,175	1,317	1,414	1,375	1,370	1,434	1,462	1,445	1,523	*1,487	1,474	

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	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
DOMESTIC TRADE—Continued																
RETAIL TRADE—Continued																
All retail stores †—Continued																
Estimated sales (seas. adj.)—Continued																
Nondurable goods stores..... mil. \$.....			63,278	63,751	63,771	63,736	64,001	63,674	64,103	64,781	66,307	66,510	66,982	'66,908	'67,139	'67,284
General merch. group stores..... do.....			10,847	10,858	11,043	11,410	11,313	11,131	11,272	11,240	11,651	11,884	11,705	'11,729	'11,818	'11,878
Department stores..... do.....			8,821	8,865	8,928	9,265	9,309	9,056	9,256	9,208	9,535	9,776	9,586	'9,619	'9,668	'9,745
Variety stores..... do.....			724	726	729	744	747	758	753	739	761	752	783	'766	'762	
Food stores..... do.....			21,253	21,370	21,333	21,423	21,115	21,347	21,501	21,572	22,042	22,030	22,357	'22,211	'22,198	'22,262
Grocery stores..... do.....			19,870	20,003	19,964	20,139	19,868	20,073	20,208	20,298	20,707	20,719	21,007	'20,833	'20,802	'20,885
Gasoline service stations..... do.....			8,750	8,747	8,733	8,628	8,596	8,216	8,183	8,391	8,793	8,735	8,875	'8,991	'8,880	'8,827
Apparel and accessory stores #..... do.....			4,267	4,279	4,354	4,341	4,263	4,332	4,322	4,519	4,690	4,642	4,551	'4,491	'4,502	'4,564
Men's and boys' clothing..... do.....			677	671	680	682	682	664	654	679	729	692	695	'687	'682	
Women's clothing, spec. stores, furriers..... do.....			1,555	1,592	1,626	1,638	1,656	1,651	1,678	1,688	1,777	1,735	1,706	'1,677	'1,701	
Shoe stores..... do.....			827	805	818	813	822	878	838	868	888	893	871	'865	'896	
Eating and drinking places..... do.....			9,090	9,324	9,345	9,345	9,626	9,715	9,762	9,776	9,874	9,856	10,071	'10,023	'10,224	'10,246
Drug and proprietary stores..... do.....			3,041	3,041	3,067	3,016	3,148	3,209	3,263	3,197	3,210	3,250	3,282	'3,294	'3,309	'3,304
Liquor stores..... do.....			1,578	1,577	1,565	1,548	1,542	1,545	1,563	1,572	1,574	1,577	1,593	'1,612	1,659	
Estimated inventories, end of year or month: †																
Book value (unadjusted), total..... mil. \$.....	123,591	124,858	130,731	135,378	136,105	124,858	123,345	126,364	128,843	129,335	130,917	131,663	'131,000	133,336		
Durable goods stores #..... do.....	58,441	58,902	59,866	60,937	60,812	58,902	59,235	60,905	61,071	61,058	62,345	62,801	'61,385	61,206		
Building materials, hardware, garden supply, and mobile home dealers..... do.....	9,737	10,224	10,023	10,142	10,259	10,224	10,360	10,789	11,198	11,207	11,266	11,275	11,090	11,373		
Automotive dealers..... do.....	26,638	26,691	26,756	27,083	26,638	26,691	26,596	27,585	27,488	27,599	28,204	28,322	'27,014	26,082		
Furniture, home furn., and equip..... do.....	9,722	9,878	10,111	10,337	10,324	9,878	9,984	10,101	10,325	10,266	10,383	10,539	10,480	10,753		
Nondurable goods stores #..... do.....	65,150	65,956	70,865	74,441	75,293	65,956	64,110	65,459	67,772	68,277	68,572	68,862	'69,615	72,130		
General merch. group stores..... do.....	21,808	22,191	25,950	27,992	28,198	22,191	21,555	22,780	24,334	25,003	25,249	25,151	'25,638	26,641		
Department stores..... do.....	16,315	16,462	19,071	20,760	21,130	16,462	15,826	16,837	18,028	18,615	18,795	18,654	'18,909	19,692		
Food stores..... do.....	14,300	15,311	14,326	14,982	15,431	15,311	14,769	14,750	14,900	14,854	14,920	15,024	'14,923	15,000		
Apparel and accessory stores..... do.....	10,561	10,477	11,970	12,251	12,167	10,477	10,001	10,234	10,667	10,698	10,434	10,519	'10,709	11,575		
Book value (seas. adj.), total..... do.....	126,833	128,250	129,788	128,849	127,619	128,250	127,869	130,392	129,327	129,901	131,654	132,501	'131,905	134,688		
Durable goods stores #..... do.....	59,095	59,597	61,668	60,581	59,417	59,597	59,735	61,517	60,412	60,640	61,401	61,019	'61,284	62,726		
Building materials, hardware, garden supply, and mobile home dealers..... do.....	10,164	10,672	10,134	10,234	10,373	10,672	10,736	10,821	10,893	10,838	10,938	11,065	11,101	11,407		
Automotive dealers..... do.....	26,296	26,375	28,925	27,892	26,665	26,375	26,023	27,585	26,739	27,326	27,276	27,417	'26,588	27,600		
Furniture, home furn., and equip..... do.....	9,870	10,028	9,962	9,920	9,956	10,028	10,314	10,349	10,461	10,307	10,414	10,507	10,586	10,721		
Nondurable goods stores #..... do.....	67,738	68,653	68,120	68,268	68,202	68,653	68,134	68,875	68,915	69,261	70,253	70,482	'70,621	71,962		
General merch. group stores..... do.....	24,020	24,484	24,206	24,357	24,386	24,484	24,129	24,983	25,080	25,389	25,882	25,761	'25,964	26,315		
Department stores..... do.....	17,889	18,090	17,924	18,068	18,075	18,090	17,663	18,523	18,566	18,803	19,159	19,162	'19,315	19,614		
Food stores..... do.....	14,158	15,174	14,424	14,566	14,767	15,174	14,994	14,960	14,826	14,854	15,086	15,130	'15,166	15,322		
Apparel and accessory stores..... do.....	10,967	10,891	11,218	11,047	10,912	10,891	10,918	10,876	10,885	10,972	10,779	10,957	'10,905	11,315		
Firms with 11 or more stores:																
Estimated sales (unadjusted), total..... mil. \$.....	371,996	388,984	31,312	33,067	35,274	47,915	28,146	27,026	32,513	32,638	33,687	33,773	'33,751	34,446		
Durable goods stores..... do.....	26,870	28,212	2,320	2,347	2,575	3,792	1,933	1,868	2,382	2,475	2,723	2,814	'2,734	2,791		
Auto and home supply stores..... do.....	3,959	4,059	345	359	362	361	289	272	345	361	371	393	'394	406		
Nondurable goods stores #..... do.....	345,126	360,772	28,992	30,720	32,699	44,123	26,213	25,158	30,131	30,163	30,964	30,959	'31,017	31,655		
General merchandise group stores..... do.....	115,314	119,163	9,115	9,991	12,020	19,437	7,122	6,991	9,311	9,531	10,196	10,157	'9,551	10,399		
Food stores..... do.....	127,567	135,387	11,201	11,521	11,135	13,050	11,038	10,454	11,693	11,711	11,597	11,697	'12,369	11,745		
Grocery stores..... do.....	125,745	133,475	11,057	11,381	10,987	12,786	10,905	10,308	11,529	11,563	11,449	11,549	'12,220	11,598		
Apparel and accessory stores..... do.....	18,706	20,143	1,611	1,729	1,934	3,055	1,228	1,186	1,717	1,710	1,704	1,689	'1,624	1,923		
Eating places..... do.....	20,341	22,138	1,856	1,977	1,860	1,924	1,803	1,736	2,030	2,033	2,071	2,025	'2,134	2,139		
Drug stores and proprietary stores..... do.....	17,855	19,095	1,507	1,551	1,625	2,442	1,575	1,542	1,727	1,696	1,751	1,751	'1,739	1,753		
Estimated sales (sea. adj.), total #..... do.....			32,606	32,560	32,817	33,540	33,312	33,083	33,568	33,349	34,610	34,746	'34,649	34,675		
Auto and home supply stores..... do.....			343	344	346	339	348	351	355	344	364	361	'377	383		
Department stores..... do.....			8,498	8,522	8,547	8,937	8,967	8,697	8,920	8,800	9,169	9,417	'9,204	9,232		
Variety stores..... do.....			590	588	588	600	598	606	596	593	610	600	'610	607		
Grocery stores..... do.....			11,237	11,224	11,257	11,416	11,185	11,340	11,472	11,381	11,767	11,607	'11,739	11,739		
Apparel and accessory stores..... do.....			1,656	1,678	1,725	1,728	1,726	1,746	1,757	1,778	1,833	1,866	'1,844	1,793		
Women's clothing, spec. stores, furriers..... do.....			683	706	723	736	748	758	772	743	767	793	'775	753		
Shoe stores..... do.....			354	356	368	371	370	389	378	390	398	406	'400	388		
Drug stores and proprietary stores..... do.....			1,627	1,638	1,651	1,616	1,694	1,744	1,773	1,774	1,769	1,801	'1,806	1,820		

LABOR FORCE, EMPLOYMENT, AND EARNINGS

POPULATION OF THE UNITED STATES																	
Total, incl. armed forces overseas †	mil.	*229.85	*232.06	232.50	232.70	232.90	233.08	233.27	233.43	233.57	233.74	233.89	234.07	234.23	234.46	234.67	234.88
LABOR FORCE																	
Not Seasonally Adjusted																	
Labor force, total, persons 16 years of age and over	thous.	110,812	112,383	112,744	112,955	113,035	112,659	111,968	111,835	112,067	112,077	112,506	115,578	116,172	115,786	114,406	114,253
Armed forces	do.....	2,142	2,179	2,198	2,188	2,180	2,182	2,189	2,188	2,194	2,202	2,198	2,195	2,192	2,208	2,209	2,211
Civilian labor force, total	do.....	108,670	110,204	110,546	110,767	110,855	110,477	109,779	109,647	109,873	109,875	110,308	113,383	113,980	113,578	112,197	112,042
Employed	do.....	100,397	99,526	99,851	99,825	99,379	98,849	97,262	97,265	97,994	98,840	99,543	101,813	103,273	103,167	102,366	102,659
Unemployed	do.....	8,273	10,678	10,695	10,942	11,476	11,628	12,517	12,382	11,879	11,035	10,765	11,570	10,707	10,411	9,830	*9,383
Seasonally Adjusted ◇																	
Civilian labor force, total	do.....			110,858	110,752	111,042	111,129	110,548	110,553	110,484	110,786	110,749	111,932	111,875	112,261	112,368	111,815
Participation rate *	percent.	63.9	64.0	64.2	64.1	64.2	64.2	63.8	63.7	63.6	63.7	63.7	64.3	64.2	64.4	64.4	64.0
Employed, total	thous.			99,543	99,176	99,136	99,093	99,103	99,063	99,103	99,458	99,557	100,786	101,285	101,563	101,945	101,928
Employment-population ratio *	percent.	58.3	57.1	56.9	56.6	57.3	57.2	57.2	57.1	57.1	57.2	57.2	57.9	58.1	58.2	58.4	58.3
Agriculture	thous.	3,368	3,401	3,363	3,413	3,466	3,411	3,412	3,393	3,375	3,371	3,367	3,522	3,527	3,489	3,290	3,202
Nonagriculture	do.....	97,030	96,125	96,180	95,763	95,670	95,682	95,691	95,670	95,729	96,088	96,190	97,264	97,758	98,074	98,655	98,726
Unemployed, total	do.....			11,315	11,576	11,906	12,036	11,446	11,490	11,381	11,328	11,192	11,146	10,590	10,699	10,423	9,886
Long term, 15 weeks and over	do.....	2,285	3,485	3,856	4,167	4,524	4,732	4,634	4,618	4,615	4,356	4,517	4,589	4,417	4,020	*3,850	3,613

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS

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																
LABOR FORCE—Continued																
Seasonally Adjusted ◇																
Civilian labor force—Continued																
Unemployed—Continued																
Rates (unemployed in each group as percent of civilian labor force in the group): %																
All civilian workers.....	7.6	9.7	10.2	10.5	10.7	10.8	10.4	10.4	10.3	10.2	10.1	10.0	9.5	9.5	9.3	8.8
Men, 20 years and over.....	6.3	8.8	9.6	9.8	10.0	10.1	9.6	9.9	9.6	9.8	9.6	9.0	8.8	8.8	8.7	8.2
Women, 20 years and over.....	6.8	8.3	8.4	8.7	9.0	9.2	9.0	8.9	8.8	8.4	8.5	8.6	7.9	8.0	7.8	7.4
Both sexes, 16-19 years.....	19.6	23.2	23.8	24.1	24.2	24.5	22.7	22.2	23.5	23.4	23.0	23.6	22.8	23.0	21.8	21.6
White.....	6.7	8.6	9.1	9.3	9.6	9.7	9.1	9.2	9.0	8.9	8.9	8.6	8.2	8.2	8.1	7.7
Black and other.....	14.2	17.3	18.1	18.4	18.5	18.8	19.0	18.0	18.5	18.8	18.6	18.9	17.9	18.1	17.2	16.6
Married men, spouse present.....	4.3	6.5	7.2	7.5	7.6	7.8	7.1	7.2	7.1	7.1	7.0	6.6	6.1	6.3	6.1	5.8
Married women, spouse present.....	6.0	7.4	7.6	7.9	8.2	8.2	7.8	7.6	7.5	7.3	7.5	7.8	7.0	6.9	6.8	6.3
Women who maintain families.....	10.4	11.7	12.4	11.3	12.5	13.2	13.2	13.0	13.5	13.2	12.9	12.8	11.6	11.6	12.2	11.1
Occupation:																
White-collar workers.....	4.0	4.9	4.9	5.2	5.5	5.6	(1)									
Blue-collar workers.....	10.3	14.3	15.5	15.8	16.2	16.3	(1)									
Industry of last job (nonagricultural):																
Private wage and salary workers.....	7.7	10.1	10.7	11.0	11.4	11.6	10.8	10.8	10.8	10.5	10.5	10.0	9.6	9.8	9.4	9.0
Construction.....	15.6	20.0	22.0	22.3	21.8	22.0	20.0	19.7	20.3	20.3	20.4	18.1	18.0	18.1	18.2	15.2
Manufacturing.....	8.3	12.3	13.6	14.1	14.8	14.8	13.0	13.3	12.8	12.4	12.3	11.5	10.5	11.2	10.2	9.5
Durable goods.....	8.2	13.3	14.9	16.0	17.0	17.1	14.7	14.7	14.1	13.5	13.5	12.2	11.2	11.6	10.9	10.2
EMPLOYMENT †																
Employees on payrolls of nonagricultural estab.: Total, not adjusted for seasonal variation.....thous..	91,156	89,596	89,562	89,541	89,466	89,321	87,660	87,613	88,172	89,005	89,830	90,654	89,946	89,599	*91,116	*91,716
Private sector (excl. government).....do.....	75,125	73,793	74,161	73,678	73,463	73,353	71,905	71,625	72,121	72,984	73,774	74,795	74,933	*74,745	*75,747	*75,953
Seasonally Adjusted †																
Total employees, nonagricultural payrolls.....do.....	91,156	89,596	89,235	88,938	88,785	88,665	88,885	88,746	88,814	89,090	89,421	89,844	90,152	89,735	*90,753	*91,073
Private sector (excl. government).....do.....	75,125	73,793	73,451	73,158	73,013	72,907	73,132	73,004	73,090	73,377	73,677	74,123	74,119	*74,074	*75,000	*75,395
Nonmanufacturing industries.....do.....	54,955	54,940	54,896	54,800	54,791	54,714	54,888	54,759	54,823	55,001	55,184	55,541	55,739	*55,281	*56,124	*56,355
Goods-producing.....do.....	25,497	23,907	23,530	23,287	23,131	23,061	23,186	23,049	23,030	23,159	23,347	23,518	23,724	*23,830	*23,943	*24,167
Mining.....do.....	1,139	1,143	1,100	1,082	1,066	1,053	1,037	1,014	1,006	997	994	1,003	1,017	*1,023	*1,027	*1,038
Construction.....do.....	4,188	3,911	3,875	3,847	3,843	3,815	3,905	3,790	3,757	3,786	3,860	3,933	3,974	*4,014	*4,040	*4,089
Manufacturing.....do.....	20,170	18,853	18,555	18,358	18,222	18,193	18,244	18,245	18,267	18,376	18,493	18,582	18,733	*18,793	*18,876	*19,040
Durable goods.....do.....	12,109	11,100	10,862	10,685	10,577	10,559	10,594	10,608	10,617	10,689	10,788	10,844	10,961	*11,022	*11,084	*11,227
Lumber and wood products.....do.....	666	603	603	605	608	614	625	631	638	651	662	679	688	*699	*704	*712
Furniture and fixtures.....do.....	464	433	428	426	427	429	430	427	433	440	446	450	459	*457	*459	*464
Stone, clay and glass products.....do.....	638	578	570	565	559	554	557	557	559	565	570	573	577	*582	*585	*589
Primary metal industries.....do.....	1,122	922	869	840	823	816	817	810	816	820	828	830	839	*840	*849	*861
Fabricated metal products.....do.....	1,590	1,435	1,402	1,378	1,362	1,359	1,364	1,364	1,362	1,369	1,379	1,384	1,391	*1,410	*1,412	*1,430
Machinery, except electrical.....do.....	2,498	2,267	2,184	2,122	2,088	2,066	2,048	2,042	2,030	2,031	2,064	2,066	2,094	*2,109	*2,115	*2,135
Electric and electronic equipment.....do.....	2,094	2,016	1,992	1,976	1,975	1,957	1,974	1,981	1,988	1,999	2,010	2,030	2,047	*2,043	*2,081	*2,110
Transportation equipment.....do.....	1,898	1,744	1,724	1,691	1,661	1,696	1,710	1,729	1,723	1,743	1,757	1,762	1,794	*1,807	*1,803	*1,839
Instruments and related products.....do.....	730	716	710	705	700	695	695	693	691	690	689	687	687	*692	*696	*701
Miscellaneous manufacturing.....do.....	408	386	380	377	374	373	374	377	377	381	383	383	385	*383	*380	*386
Nondurable goods.....do.....	8,061	7,753	7,693	7,673	7,645	7,634	7,650	7,637	7,650	7,687	7,705	7,738	7,772	*7,771	*7,792	*7,813
Food and kindred products.....do.....	1,671	1,638	1,633	1,636	1,632	1,626	1,626	1,620	1,619	1,633	1,632	1,643	1,638	*1,627	*1,633	*1,611
Tobacco manufactures.....do.....	70	68	66	66	63	69	69	67	67	66	66	65	65	*62	*63	*64
Textile mill products.....do.....	823	750	734	733	727	727	726	726	730	733	736	745	746	*752	*752	*758
Apparel and other textile products.....do.....	1,244	1,164	1,149	1,148	1,141	1,140	1,150	1,148	1,143	1,149	1,153	1,159	1,180	*1,175	*1,178	*1,191
Paper and allied products.....do.....	689	662	659	653	654	653	653	652	652	654	656	657	658	*659	*661	*666
Printing and publishing.....do.....	1,266	1,269	1,266	1,265	1,263	1,263	1,266	1,264	1,269	1,274	1,276	1,281	1,284	*1,289	*1,290	*1,298
Chemicals and allied products.....do.....	1,109	1,079	1,070	1,066	1,064	1,059	1,057	1,056	1,056	1,058	1,058	1,056	1,059	*1,056	*1,061	*1,062
Petroleum and coal products.....do.....	214	201	202	201	200	199	200	199	199	199	198	198	197	*195	*195	*194
Rubber and plastics products, nec.....do.....	737	701	696	689	685	685	688	691	699	707	716	721	732	*739	*742	*752
Leather and leather products.....do.....	238	221	218	216	216	213	215	214	216	214	213	213	213	*217	*217	*217
Service-producing.....do.....	65,659	65,689	65,705	65,651	65,654	65,604	65,699	65,697	65,784	65,931	66,074	66,326	66,428	*65,905	*66,810	*66,906
Transportation and public utilities.....do.....	5,165	5,081	5,054	5,033	5,019	5,008	4,979	4,966	4,963	4,988	4,993	4,992	4,984	*4,941	*5,027	*5,034
Wholesale and retail trade.....do.....	20,547	20,401	20,380	20,344	20,320	20,356	20,355	20,343	20,350	20,356	20,494	20,529	20,580	*20,580	*20,613	*20,669
Wholesale trade.....do.....	5,358	5,280	5,252	5,237	5,212	5,192	5,185	5,181	5,176	5,180	5,197	5,222	5,229	*5,249	*5,273	*5,284
Retail trade.....do.....	15,189	15,122	15,128	15,107	15,108	15,064	15,170	15,162	15,174	15,149	15,159	15,272	15,300	*15,331	*15,340	*15,385
Finance, insurance, and real estate.....do.....	5,298	5,340	5,351	5,350	5,356	5,367	5,374	5,384	5,391	5,423	5,435	5,451	5,465	*5,488	*5,496	*5,501
Services.....do.....	18,619	19,064	19,136	19,144	19,187	19,215	19,238	19,262	19,356	19,478	19,546	19,668	19,770	*19,835	*19,921	*20,024
Government.....do.....	16,031	15,803	15,784	15,780	15,772	15,758	15,753	15,742	15,724	15,713	15,744	15,721	15,680	*15,661	*15,753	*15,678
Federal.....do.....	2,772	2,739	2,735	2,742	2,746	2,747	2,748	2,742	2,742	2,738	2,756	2,742	2,738	*2,733	*2,741	*2,732
State and local.....do.....	13,259	13,064	13,049	13,038	13,026	13,011	13,005	13,000	12,982	12,975	12,988	12,979	12,942	*12,928	*13,012	*12,946
Production or nonsupervisory workers on private nonagric. payrolls, not seas. adjusted.....thous..	60,927	59,566	59,919	59,495	59,292	59,209	57,776	57,529	57,989	58,800	59,551	60,472	60,576	*60,331	*61,331	*61,524
Manufacturing.....do.....	14,020	12,790	12,790	12,505	12,319	12,201	12,115	12,157	12,241	12,369	12,523	12,720	12,646	*12,873	*13,133	*13,182
Seasonally Adjusted †																
Production or nonsupervisory workers on private nonagricultural payrolls.....thous..	60,927	59,566	59,247	58,988	58,850	58,764	58,939	58,801	58,889	59,150	59,462	59,871	60,182	*59,751	*60,620	*60,990
Goods-producing.....do.....	18,245	16,589	16,307	16,095	15,961	15,908	16,019									

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	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued																
EMPLOYMENT †—Continued																
Seasonally Adjusted †																
Production or nonsupervisory workers—Continued																
Nondurable goods	5,727	5,440	5,392	5,376	5,352	5,349	5,360	5,354	5,362	5,400	5,416	5,446	5,478	*5,474	*5,484	*5,516
Food and kindred products	1,150	1,127	1,123	1,127	1,123	1,119	1,119	1,115	1,114	1,126	1,126	1,136	1,133	*1,120	*1,121	*1,107
Tobacco manufactures	55	53	51	51	48	54	54	52	52	51	51	50	50	47	48	*49
Textile mill products	713	643	628	629	623	623	622	622	627	631	634	643	643	*650	*650	*656
Apparel and other textile products	1,060	984	971	968	962	963	973	970	965	972	976	980	999	*994	*996	*1,009
Paper and allied products	518	493	492	486	487	486	486	486	486	488	491	491	494	*492	*495	*500
Printing and publishing	699	698	696	696	694	695	694	694	694	699	701	705	705	*708	*708	*714
Chemicals and allied products	628	601	595	593	592	589	588	587	585	587	585	586	589	588	*590	*594
Petroleum and coal products	134	120	122	120	120	119	120	121	122	122	120	119	119	118	*117	*119
Rubber and plastics products, nec	569	537	532	526	523	524	525	529	538	546	554	558	568	575	*577	*586
Leather and leather products	201	185	182	180	180	177	179	178	179	178	178	178	178	*182	*182	*182
Service-producing	42,805	42,940	42,940	42,893	42,889	42,856	42,920	42,901	43,008	43,134	43,279	43,522	43,644	*43,125	*43,904	*44,048
Transportation and public utilities	4,283	4,194	4,171	4,149	4,135	4,125	4,103	4,087	4,086	4,106	4,111	4,110	4,103	*3,461	*4,140	*4,151
Wholesale and retail trade	17,958	17,827	17,800	17,764	17,738	17,689	17,774	17,769	17,776	17,754	17,797	17,910	17,958	*18,000	*18,020	*18,058
Wholesale trade	4,360	4,268	4,240	4,225	4,201	4,183	4,171	4,166	4,156	4,165	4,182	4,203	4,207	*4,225	*4,248	*4,254
Retail trade	13,598	13,559	13,560	13,539	13,537	13,506	13,603	13,603	13,620	13,589	13,615	13,707	13,751	*13,775	*13,772	*13,804
Finance, insurance, and real estate	3,999	3,994	3,994	3,990	3,993	3,997	3,998	4,003	4,012	4,037	4,049	4,065	4,071	*4,090	*4,093	*4,094
Services	16,565	16,926	16,975	16,990	17,023	17,045	17,045	17,042	17,134	17,237	17,322	17,437	17,512	*17,574	*17,651	*17,745
AVERAGE HOURS PER WEEK †																
Seasonally Adjusted																
Avg. weekly hours per worker on private nonagric. payrolls: ◇ Not seasonally adjusted	35.2	34.8	34.8	34.7	34.7	35.0	34.6	34.2	34.7	34.7	34.9	35.2	35.4	35.4	35.3	*35.3
Seasonally adjusted	35.2	34.8	34.8	34.7	34.7	35.0	34.6	34.2	34.7	34.7	34.9	35.2	35.4	35.4	35.3	*35.3
Mining †	43.7	42.6	42.0	41.9	41.6	42.2	42.5	41.3	41.8	41.6	42.2	42.5	42.1	42.7	*43.1	*43.4
Construction †	36.9	36.7	36.9	37.1	36.1	36.8	36.9	36.4	36.4	36.7	37.4	37.9	38.2	38.0	*37.9	*37.2
Manufacturing: Not seasonally adjusted	39.8	38.9	38.9	39.0	39.3	39.7	39.2	38.8	39.6	39.8	39.9	40.3	40.0	40.2	*40.8	*40.7
Seasonally adjusted	39.8	38.9	38.9	39.0	39.3	39.7	39.2	38.8	39.6	39.8	39.9	40.3	40.0	40.2	*40.8	*40.7
Overtime hours	2.8	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.6	2.9	2.7	2.9	3.0	3.1	*3.3	*3.3
Durable goods	40.2	39.3	39.1	39.2	39.3	39.3	40.1	39.7	39.9	40.5	40.4	40.6	40.8	40.8	*41.4	*41.2
Overtime hours	2.8	2.2	2.1	2.1	2.1	2.2	2.2	2.3	2.5	2.8	2.6	2.8	3.0	3.1	*3.4	*3.4
Lumber and wood products	38.7	38.0	38.4	38.1	38.7	38.8	40.5	39.5	39.5	40.0	39.8	40.0	39.9	*40.2	*40.4	*40.2
Furniture and fixtures	38.4	37.2	37.5	37.5	37.6	37.8	38.6	37.9	38.3	39.3	39.2	39.6	39.7	*39.7	*40.1	*40.0
Stone, clay, and glass products	40.6	40.0	40.2	40.2	40.2	40.1	41.4	40.5	40.6	41.0	41.2	41.6	41.7	41.7	*42.0	*41.8
Primary metal industries	40.5	38.6	37.8	38.2	38.3	38.8	38.9	39.1	39.4	39.9	40.3	40.3	40.8	*40.9	*41.2	*41.7
Fabricated metal products	40.3	39.2	38.9	39.0	39.2	39.2	39.9	39.6	39.7	40.5	40.4	40.5	40.7	*40.9	*41.6	*41.3
Machinery, except electrical	40.9	39.7	39.2	39.3	39.3	39.3	39.6	39.4	39.7	40.2	40.0	40.4	40.7	40.7	*41.2	*41.2
Electric and electronic equipment	40.0	39.3	39.0	39.2	39.3	39.4	39.9	39.5	39.8	40.4	40.3	40.5	40.8	40.7	*41.2	*41.1
Transportation equipment	40.9	40.5	40.1	40.4	40.9	40.1	41.6	41.2	41.7	42.3	41.6	41.9	42.0	*41.8	*43.5	*42.5
Instruments and related products	40.4	39.8	39.9	39.6	39.4	39.7	40.4	39.7	40.0	40.5	40.4	40.1	40.7	*40.4	*40.8	*40.5
Miscellaneous manufacturing †	38.8	38.5	38.6	39.0	39.1	39.0	38.7	37.7	39.0	39.0	38.8	38.9	38.8	39.1	*39.5	*39.9
Nondurable goods	39.1	38.4	38.6	38.5	38.6	38.6	39.1	38.5	39.0	39.5	39.4	39.6	39.5	39.5	*40.0	*39.7
Overtime hours	2.8	2.5	2.6	2.6	2.5	2.5	2.6	2.6	2.7	3.0	2.9	3.0	3.0	3.1	*3.1	*3.1
Food and kindred products	39.7	39.4	39.4	39.5	39.4	39.1	39.3	39.0	39.2	39.6	39.4	39.8	39.4	39.6	*40.0	*39.8
Tobacco manufactures †	38.8	37.8	39.7	39.0	38.0	37.9	36.5	34.1	36.3	37.3	37.4	38.5	36.8	*37.7	*38.5	*38.3
Textile mill products	39.6	37.5	38.1	38.3	38.8	38.9	39.7	39.0	39.6	40.6	40.4	40.7	40.7	*40.9	*41.3	*40.7
Apparel and other textile products	35.7	34.7	35.1	35.1	35.0	35.1	36.6	35.2	35.6	36.2	36.1	36.1	35.8	36.2	*36.8	*36.4
Paper and allied products	42.5	41.8	41.6	41.7	41.7	41.7	41.8	41.4	42.1	42.4	42.7	42.8	42.9	*42.9	*43.2	*43.1
Printing and publishing	37.3	37.1	37.0	37.1	37.1	37.1	37.5	37.1	37.4	37.7	37.4	37.6	37.7	37.5	*37.8	*38.0
Chemicals and allied products	41.6	40.9	41.0	40.8	40.7	40.9	41.0	41.0	41.2	41.5	41.6	41.9	41.8	41.6	*41.8	*41.5
Petroleum and coal products	43.2	43.9	44.2	43.8	44.1	44.4	44.5	44.4	44.9	43.5	43.6	43.8	43.7	*43.5	*43.2	*43.8
Rubber and plastics products, nec †	40.3	39.6	39.6	39.3	39.6	40.4	40.1	39.7	40.6	41.1	41.1	41.3	40.9	41.2	*41.9	*41.8
Leather and leather products	36.7	35.6	35.7	35.4	35.8	35.8	36.3	34.9	36.0	37.0	36.8	36.8	37.4	*37.2	*37.8	*37.3
Transportation and public utilities	39.4	39.0	38.8	38.8	38.9	38.9	38.6	38.6	38.8	38.8	38.9	38.9	38.9	*39.3	*39.4	*39.4
Wholesale and retail trade	32.2	31.9	31.9	31.9	31.8	32.1	31.9	31.4	31.7	31.7	31.9	32.0	31.9	31.8	*31.7	*31.9
Wholesale trade	38.5	38.4	38.4	38.4	38.4	38.4	38.5	38.2	38.4	38.5	38.6	38.7	38.6	38.5	*38.7	*38.6
Retail trade	30.1	29.9	29.9	29.9	29.8	30.1	29.9	29.3	29.7	29.6	29.9	29.9	29.8	29.7	*29.6	*29.9
Finance, insurance, and real estate †	36.3	36.2	36.1	36.2	36.2	36.3	36.5	36.1	36.0	36.1	36.3	36.1	36.3	36.1	*36.0	*36.5
Services	32.6	32.6	32.8	32.6	32.6	32.6	32.9	32.5	32.7	32.7	32.9	32.7	32.6	32.7	*32.8	*32.8
AGGREGATE EMPLOYEE-HOURS †																
Seasonally Adjusted																
Employee-hours, wage & salary workers in non-agric. establish, for 1 week in the month, seas adj. at annual rate	169.92	165.95	165.30	164.29	163.24	164.01	165.80	163.89	164.40	166.20	166.94	167.40	168.08	*167.31	*169.99	*170.28
Total private sector	139.00	135.33	134.56	133.56	133.08	133.13	134.77	132.87	133.56	134.69	135.95	136.77	137.44	*136.46	*138.83	*139.42
Mining	2.58	2.49	2.39	2.34	2.30	2.28	2.30	2.17	2.20	2.18	2.21	2.22	2.23	2.26	*2.29	*2.33
Construction	8.01	7.47	7.33	7.29	7.30	7.24	7.98	7.30	7.12	7.26	7.47	7.63	7.72	*7.81	*7.85	*7.77
Manufacturing	41.64	38.33	37.67	37.18	36.91	36.76	37.26	37.09	37.43	38.03	38.27	38.65	39.00	*39.15	*39.64	*39.71
Transportation and public utilities	10.57	10.28	10.22	10.20	10.18	10.16	9.93	9.89	10.02	10.09	10.11	10.14	10.14	*8.88	*10.31	*10.33
Wholesale and retail trade	34.54	34.32	34.11	33.96	33.70	33.84	34.22	33.59	33.66	33.70	34.07	34.26	34.35	*34.31	*34.33	*34.55
Finance, insurance, and real estate	10.01	10.09	10.11	10.07	10.08	10.13	10.20	10.10	10.10	10.18	10.29	10.28	10.31	10.31	*10.37	*10.46
Services	31.65	32.35	32.73	32.52	32.61	32.72	32.89	32.74	33.04	33.25	33.52	33.60	33.65	*33.75	*34.04	*34.28
Government	30.91	30.62	30.74	30.73	30.17	30.88	31.03	31.02	30.84	31.41	30.99	30.60	30.64	*30.85	*3	

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	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	
LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued																	
HOURLY AND WEEKLY EARNINGS †																	
Average hourly earnings per worker: ◇																	
Not seasonally adjusted:																	
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	
Mining..... do.....	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	*11.28	*11.35	*11.35	
Construction..... do.....	10.82	11.62	11.74	11.88	11.72	11.96	11.95	12.00	11.95	11.90	11.80	11.74	11.78	11.84	*12.00	*12.03	
Manufacturing..... do.....	7.99	8.50	8.59	8.56	8.61	8.68	8.71	8.75	8.74	8.77	8.78	8.81	8.86	8.79	*8.90	*8.91	
Excluding overtime..... do.....	7.72	8.25	8.33	8.31	8.36	8.42	8.46	8.50	8.47	8.48	8.49	8.49	8.54	*8.46	*8.53	*8.55	
Durable goods..... do.....	8.54	9.06	9.17	9.13	9.17	9.24	9.26	9.31	9.29	9.31	9.34	9.37	9.40	9.34	*9.48	*9.47	
Excluding overtime..... do.....	8.25	8.81	8.92	8.90	8.92	8.97	9.02	9.06	9.02	9.02	9.04	9.04	9.08	*9.00	*9.09	*9.09	
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	*7.83	
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	*6.73	*6.73	
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	*9.31	*9.42	*9.37	
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	
Fabricated metal products..... do.....	8.19	8.78	8.90	8.85	8.90	8.96	8.98	9.04	9.05	9.07	9.08	9.11	9.10	*9.12	*9.22	*9.20	
Machinery, except electrical..... do.....	8.81	9.29	9.41	9.36	9.38	9.43	9.40	9.44	9.46	9.48	9.59	9.63	9.65	9.61	*9.71	*9.76	
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	*8.74	*8.72	
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	
Instruments and related products..... do.....	7.42	8.10	8.24	8.26	8.31	8.38	8.42	8.48	8.47	8.46	8.48	8.48	8.57	*8.53	8.61	*8.57	
Miscellaneous manufacturing..... do.....	5.97	6.43	6.50	6.50	6.56	6.67	6.72	6.73	6.75	6.76	6.82	6.81	6.82	*6.81	*6.85	*6.87	
Nondurable goods..... do.....	7.18	7.73	7.84	7.80	7.88	7.95	7.97	7.99	8.00	8.03	8.03	8.04	8.11	8.05	*8.10	*8.12	
Excluding overtime..... do.....	6.94	7.49	7.56	7.55	7.62	7.69	7.72	7.75	7.74	7.75	7.75	7.75	7.81	*7.73	*7.76	*7.79	
Food and kindred products..... do.....	7.44	7.89	7.91	7.88	8.00	8.06	8.09	8.11	8.16	8.20	8.18	8.17	8.17	*8.12	8.13	*8.15	
Tobacco manufactures..... do.....	8.88	9.78	9.55	9.50	10.16	9.63	9.87	9.96	10.43	10.61	10.74	10.91	10.84	*10.24	*9.86	*9.79	
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	*6.24	
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	*5.35	*5.39	*5.40	
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	
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	*9.14	9.25	*9.29	
Chemicals and allied products..... do.....	9.12	9.96	10.19	10.22	10.26	10.32	10.34	10.41	10.39	10.43	10.50	10.52	10.58	*10.61	*10.67	*10.73	
Petroleum and coal products..... do.....	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	*13.16	*13.35	*13.35	
Rubber and plastics products, nec..... do.....	7.17	7.65	7.78	7.74	7.81	7.91	7.91	7.91	7.92	7.95	7.97	7.96	8.06	8.03	8.08	*8.10	
Leather and leather products..... do.....	4.99	5.32	5.41	5.39	5.41	5.44	5.50	5.50	5.52	5.52	5.51	5.49	5.52	5.50	5.57	*5.57	
Transportation and public utilities..... do.....	9.70	10.30	10.46	10.48	10.59	10.62	10.68	10.72	10.68	10.72	10.74	10.73	10.86	*10.68	*10.97	*11.00	
Wholesale and retail trade..... do.....	5.92	6.21	6.24	6.27	6.30	6.27	6.42	6.45	6.43	6.45	6.46	6.46	6.48	*6.47	6.54	*6.56	
Wholesale trade..... do.....	7.56	8.02	8.10	8.13	8.14	8.20	8.31	8.28	8.27	8.34	8.36	8.35	8.42	*8.41	*8.48	*8.54	
Retail trade..... do.....	5.25	5.47	5.50	5.53	5.56	5.54	5.65	5.69	5.68	5.69	5.71	5.71	5.72	*5.71	5.77	*5.77	
Finance, insurance, and real estate..... do.....	6.31	6.78	6.90	6.97	7.00	7.01	7.19	7.22	7.19	7.23	7.31	7.28	7.30	*7.25	*7.33	*7.43	
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	*7.40	
Seasonally adjusted:																	
Private nonagricultural payrolls..... dollars..	7.25	7.67	7.73	7.76	7.78	7.82	7.88	7.91	7.91	7.95	7.97	8.00	8.03	7.98	8.08	*8.13	
Mining..... do.....	10.04	10.78	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	
Construction..... do.....	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	
Manufacturing..... do.....	7.99	8.50	8.57	8.58	8.61	8.63	8.68	8.76	8.75	8.78	8.79	8.82	8.85	8.84	*8.87	*8.93	
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	*10.64	*10.89	*10.97	
Wholesale and retail trade..... do.....	5.92	6.21	6.24	6.29	6.32	6.33	6.35	6.39	6.40	6.43	6.45	6.49	6.51	*6.52	6.54	*6.58	
Finance, insurance, and real estate..... do.....	6.31	6.78	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	
Services..... do.....	6.41	6.90	7.00	7.03	7.04	7.09	7.11	7.14	7.15	7.19	7.24	7.26	7.26	7.26	*7.32	*7.39	
Indexes of avg. hourly earnings, seas. adj.: ◇																	
Private nonfarm economy:																	
Current dollars..... 1977=100..	138.9	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	
1977 dollars †..... do.....	92.6	93.3	93.1	93.1	93.4	94.1	94.7	95.3	95.0	94.8	94.7	94.8	94.7	94.0	94.2	*94.4	
Mining..... do.....	148.2	159.0	162.8	162.1	162.9	163.0	164.7	165.1	164.0	165.7	165.0	166.4	167.6	*167.3	*168.1	*168.4	
Construction..... do.....	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	*144.1	*145.3	*145.0	
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	*158.1	*158.3	*158.7	
Transportation and public 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	*155.4	*158.0	*159.2	
Wholesale and retail trade..... do.....	138.0	145.0	146.2	147.1	147.5	148.1	148.9	149.3	149.6	150.5	151.2	151.6	152.1	*152.3	*153.0	*153.9	
Finance, insurance, and real estate..... do.....	138.1	148.3	150.6	152.0	152.6	153.0	156.7	157.4	156.6	157.4	159.0	158.2	159.1	*158.2	*159.8	*162.0	
Services..... do.....	137.3	147.6	149.8	150.5	150.7	152.0	152.2	152.4	152.6	154.0	154.9	155.5	155.6	155.9	*157.0	*158.6	
Hourly wages, not seasonally adjusted:																	
Construction wages, 20 cities (ENR): \$																	
Common labor..... \$ per hr..	12.92	14.28	14.64	14.64	14.69	14.77	14.86	14.92	14.92	14.92	14.92	14.92	15.24	15.35	15.44	*15.53	
Skilled labor..... do.....	16.78	18.56	18.99	19.01	19.10	19.26	19.34	19.46	19.46	19.46	19.46	19.49	19.85	20.05	20.24	*20.37	
Farm (U.S.) wage rates, hired workers, by method of pay:																	
All workers, including piece-rate..... \$ per hr..																	
All workers, other than piece-rate..... do.....																	
Workers receiving cash wages only..... do.....																	
Workers paid per hour, cash wages only..... do.....																	
Railroad wages (average, class I)..... do.....	10.64	11.51	11.59	11.64	12.07	12.17	12.53	12.79	12.48	12.67	12.68	12.63	13.09	12.89			
Avg. weekly earnings per worker, private nonfarm: ◇																	
Current dollars, seasonally adjusted..... do.....	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	*286.18	
1977 dollars, seasonally																	

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 ◇																
Work stoppages involving 1,000 or more workers:																
Number of stoppages:																
Beginning in month or year number..	145	96	14	3	1	0	1	5	4	2	11	13	10	7	*7	10
Workers involved in stoppages:																
Beginning in month or yearthous..	729	656	390	38	2	0	2	14	9	3	24	57	50	676	*22	63
Days idle during month or year do....	16,908	9,061	2,089	905	805	764	795	844	1,127	790	494	676	1,198	10,656	*575	1,152
UNEMPLOYMENT INSURANCE																
Unemployment insurance programs:																
Insured unemployment, all programs, average weekly # @thous..	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		
State programs (excl. extended duration prov.):																
Initial claimsthous..	*23,939	30,298	2,344	2,443	2,661	3,080	3,143	2,065	2,075	1,874	1,666	*1,740	1,804	1,669		
Insured unemployment, avg. weekly do....	3,048	4,057	3,712	3,828	4,156	4,581	4,923	4,759	4,401	3,906	3,361	3,063	3,049	2,766		
Percent of covered employment: @ @																
Unadjusted.....	3.5	4.6	4.2	4.4	4.7	5.2	5.6	5.5	5.0	4.5	3.9	3.5	3.5	3.2		
Seasonally adjusted thous..			5.0	5.3	5.3	5.0	4.5	4.5	4.5	4.4	4.1	3.8	3.6	3.5		
Beneficiaries, average weekly thous..	*2,614	3,558	3,306	3,282	3,448	3,877	4,358	4,228	4,246	3,568	2,985	*2,913	2,609	2,458		
Benefits paid @ mil. \$..	*13,262.1	*20,651.8	1,711.3	1,647.3	1,820.0	2,138.0	2,205.6	2,052.4	2,367.8	1,817.5	1,587.9	*1,537.4	1,298.2	1,337.8		
Federal employees, insured unemployment, average weeklythous..	32	32	26	28	31	33	35	33	31	26	22	21	23	22		
Veterans' program (UCX):																
Initial claims do....	193	136	11	10	17	24	21	16	18	15	14	16	16	19		
Insured unemployment, avg. weekly do....	41	11	8	9	14	26	37	37	34	30	26	25	25	26		
Beneficiaries, average weekly do....	41	9	6	7	8	20	32	36	34	28	24	24	22	23		
Benefits paid mil. \$..	*280.7	*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		
Railroad program:																
Applicationsthous..	184	246	14	20	17	17	20	7	8	9	4	31	55	14		
Insured unemployment, avg. weekly do....	40	62	65	73	78	81	95	76	68	79	74	47	48	43		
Benefits paid mil. \$..	210.8	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:																
Bankers' acceptances.....mil. \$..	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			
Commercial and financial co. paper, total.....do....	161,114	*162,330	171,627	170,365	166,941	*162,330	167,304	169,142	166,534	169,892	169,870	171,642	172,674	172,407	175,966	
Financial companies.....do....	111,908	*118,640	115,216	115,530	115,650	*118,640	120,626	122,230	121,034	123,819	125,552	127,318	128,520	129,375	130,121	
Dealer placed.....do....	30,357	*34,666	35,584	35,893	36,147	*34,666	36,755	38,363	36,529	36,984	38,205	38,645	37,927	39,136	39,088	
Directly placed.....do....	81,551	*83,974	79,632	79,637	79,503	*83,974	83,871	83,867	84,505	86,835	87,347	88,673	90,593	90,239	91,033	
Nonfinancial companies.....do....	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	
Agricultural loans and discounts outstanding of agencies supervised by the Farm Credit Adm.:																
Total, end of period.....mil. \$..	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
Farm mortgage loans:																
Federal land banks.....do....	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
Loans to cooperatives.....do....	9,124	8,423	8,078	8,288	8,477	8,423	8,882	9,102	9,341	9,259	8,967	8,630	*8,659	8,974	8,707	9,263
Other loans and discounts.....do....	22,619	21,609	23,464	22,904	21,998	21,609	20,955	20,825	20,946	21,076	21,279	21,652	*21,792	21,621	21,375	20,737
Federal Reserve banks, condition, end of period:																
Assets, total #.....mil. \$..	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
Reserve bank credit outstanding, total # ..do....	143,906	153,769	146,838	142,629	149,394	153,769	142,656	142,975	148,860	151,134	152,198	155,649	155,314	160,242	167,398	155,907
Time loans.....do....	1,601	717	1,123	438	374	717	354	1,155	2,808	848	1,260	3,610	1,113	3,633	1,625	387
U.S. Government securities.....do....	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
Gold certificate account.....do....	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
Liabilities, total #.....do....	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
Deposits, total.....do....	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
Member-bank reserve balances.....do....	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
Federal Reserve notes in circulation.....do....	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
All member banks of Federal Reserve System, averages of daily figures:																
Reserves held, total.....mil. \$..	*41,918	*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
Required.....do....	*41,606	*41,353	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
Excess.....do....	312	500	384	404	402	500	546	435	437	476	449	480	507	446	*498	416
Borrowings from Federal Reserve banks.....do....	*642	*697	976	455	579	697	500	557	852	993	902	1,714	1,382	1,573	*1,441	839
Free reserves.....do....	*-277	*-164	-490	35	-130	-164	79	-83	-362	-435	-355	-1,113	-703	-929	*-752	-281
Large commercial banks reporting to Federal Reserve System, Wed. nearest end of yr. or mo.:																
Deposits:																
Demand, adjusted \$.....mil. \$..	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
Demand, total #.....do....	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
Individuals, partnerships, and corp.....do....	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
State and local governments.....do....	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
U.S. Government.....do....	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
Domestic commercial banks.....do....	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
Time, total #.....do....	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
Individuals, partnerships, and corp.:																
Savings.....do....	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
Other time.....do....	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
Loans (adjusted), total \$.....do....	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
Commercial and industrial.....do....	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
For purchasing or carrying securities.....do....	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
To nonbank financial institutions.....do....	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
Real estate loans.....do....	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
Other loans.....do....	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
Investments, total.....do....																
U.S. Government securities, total.....do....	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
Investment account *.....do....	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
Other securities.....do....	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

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.
FINANCE—Continued																
MONETARY STATISTICS																
Currency in circulation (end of period)..... bil. \$.	145.6	156.2	149.2	150.1	154.1	156.2			155.7			148.1				
Money stock measures and components (averages of daily figures): ‡																
Measures (not seasonally adjusted): ‡																
M1..... bil. \$.	430.0	458.0	461.0	470.6	479.0	491.0	489.7	480.6	489.2	504.5	499.8	508.3	514.7	511.6	*514.1	519.4
M2..... do....	1,716.6	1,878.3	1,908.7	1,928.6	1,943.6	1,964.5	2,018.3	2,042.5	2,065.9	2,088.4	2,092.7	2,114.1	2,127.8	2,129.2	*2,136.8	2,160.1
M3..... do....	2,061.3	2,278.5	2,324.4	2,350.4	2,369.2	2,385.3	2,415.1	2,427.0	2,445.8	2,465.4	2,471.5	*2,495.4	*2,508.1	*2,519.3	*2,534.2	2,559.5
L (M3 plus other liquid assets)..... do....	2,491.3	2,777.4	2,825.5	2,860.9	2,881.3	2,904.7	2,945.5	2,964.6	2,992.3	3,020.9	3,030.6	3,056.2				
Components (not seasonally adjusted):																
Currency..... do....	119.8	128.4	130.2	131.3	132.7	135.2	133.2	133.7	135.4	137.4	138.9	140.3	142.0	142.1	142.6	143.9
Demand deposits..... do....	240.3	234.9	232.9	237.6	240.6	247.7	245.1	232.8	235.2	242.4	238.2	242.1	245.1	241.3	242.1	244.3
Other checkable deposits ‡..... do....	65.6	90.3	93.3	97.3	101.5	104.0	107.5	110.0	114.3	120.2	118.2	121.0	122.5	123.0	124.5	126.4
Overnight RP's and Eurodollars *..... do....	33.0	41.1	41.5	43.9	45.2	44.3	47.3	48.8	48.7	50.6	55.1	56.0	52.7	52.1	52.7	56.1
Money market mutual funds..... do....	109.8	172.4	185.1	187.6	191.1	182.2	166.7	159.6	154.0	146.7	141.1	139.7	138.7	139.2	137.5	137.8
Savings deposits..... do....	361.5	350.3	348.2	357.8	363.4	356.7	334.7	324.5	323.2	324.3	324.6	326.3	326.6	321.5	318.2	317.9
Small time deposits @..... do....	788.2	859.0	879.0	875.3	871.6	853.9	798.6	758.5	737.7	728.6	722.7	723.9	734.3	746.0	*754.8	769.2
Large time deposits @..... do....	287.1	326.4	334.9	339.1	340.8	336.5	314.2	302.6	298.9	298.0	298.0	301.0	*301.9	*310.3	*317.0	319.9
Measures (seasonally adjusted): ‡																
M1..... do....			463.2	468.7	474.0	478.2	482.1	491.1	497.6	496.5	507.4	511.7	515.5	516.7	*517.1	517.7
M2..... do....			1,917.0	1,929.7	1,945.0	1,959.5	2,010.0	2,050.8	2,069.9	2,074.8	2,096.2	2,114.4	2,126.3	2,136.9	*2,145.1	2,161.1
M3..... do....			2,333.9	2,352.0	2,370.2	2,377.6	2,403.3	2,430.6	2,447.1	2,453.9	2,476.2	2,498.8	*2,510.2	*2,528.3	*2,543.4	2,561.0
L (M3 plus other liquid assets)..... do....			2,840.5	2,866.0	2,882.4	2,896.8	2,930.6	2,960.2	2,987.6	3,006.0	3,032.1	3,059.9				
Components (seasonally adjusted):																
Currency..... do....			130.5	131.3	131.9	132.8	134.2	135.6	137.0	138.0	139.3	140.3	140.9	141.8	143.0	144.2
Demand deposits..... do....			234.0	236.0	237.6	239.8	239.4	238.7	240.1	238.9	242.5	244.0	245.8	244.5	243.4	242.8
Savings deposits..... do....			350.0	358.0	366.4	359.3	335.1	325.7	322.7	321.5	323.1	325.0	323.5	322.1	*320.6	318.7
Small time deposits @..... do....			883.2	878.0	874.9	859.1	797.4	755.1	733.8	725.7	720.1	722.1	735.1	748.0	*757.7	771.0
Large time deposits @..... do....			336.1	339.6	340.4	333.8	310.7	297.9	296.2	300.2	299.2	304.1	*305.6	*311.6	*317.9	320.4
PROFITS AND DIVIDENDS (QTRLY.)																
Manufacturing corps. (Bureau of the Census):																
Net profit after taxes, all industries..... mil. \$.	101,302	71,028	17,828			14,114			15,729			22,174				
Food and kindred products..... do....	9,109	8,383	1,845			2,462			1,488			2,224				
Textile mill products..... do....	1,157	851	258			339			241			461				
Paper and allied products..... do....	3,110	1,460	408			198			441			543				
Chemicals and allied products..... do....	12,973	10,324	2,478			2,062			2,755			3,045				
Petroleum and coal products..... do....	23,733	19,666	5,225			5,237			3,658			4,529				
Stone, clay, and glass products..... do....	1,627	408	280			161			-123			340				
Primary nonferrous metal..... do....	2,124	-333	-36			-467			-114			50				
Primary iron and steel..... do....	3,507	-3,705	-906			-2,550			-759			-616				
Fabricated metal products (except ordnance, machinery, and transport. equip.)..... mil. \$.	4,235	2,320	433			292			336			739				
Machinery (except electrical)..... do....	12,580	8,038	1,786			1,152			1,306			1,926				
Elec. machinery, equip., and supplies..... do....	7,872	6,449	1,602			1,428			1,313			1,268				
Transportation equipment (except motor vehicles, etc.)..... mil. \$.	3,722	2,566	706			598			595			847				
Motor vehicles and equipment..... do....	-209	734	-18			-321			1,058			2,163				
All other manufacturing industries..... do....	15,762	13,867	3,767			3,523			3,534			4,655				
Dividends paid (cash), all industries..... do....	40,317	41,259	10,085			10,561			9,902			10,275				
SECURITIES ISSUED @@																
Securities and Exchange Commission:																
Estimated gross proceeds, total..... mil. \$.	68,970	74,591	7,310	9,596	6,846	7,997	7,889	8,862	12,406	11,214	13,944	*9,252	*7,017	5,169		
By type of security:																
Bonds and notes, corporate..... do....	38,966	45,211	5,026	6,967	3,588	4,133	4,761	3,666	5,487	6,852	9,086	2,217	*2,771	1,878		
Common stock..... do....	25,004	23,399	1,663	1,918	2,694	3,447	2,534	3,041	5,982	3,922	3,916	*5,420	3,949	2,798		
Preferred stock..... do....	1,633	5,048	520	611	563	418	594	1,955	937	441	492	715	*296	247		
By type of issuer:																
Corporate, total #..... mil. \$.	65,603	73,660	7,210	9,496	6,845	7,997	7,889	8,662	12,406	11,214	13,495	*8,352	*7,017	4,922		
Manufacturing..... do....	15,463	13,875	1,505	2,863	1,251	1,634	2,089	1,846	2,477	2,715	3,477	*3,069	*1,412	1,421		
Extractive (mining)..... do....	8,553	7,429	750	302	494	230	1,218	419	1,515	612	556	653	935	390		
Public utility..... do....	13,304	15,326	1,783	1,795	1,119	1,393	663	1,387	1,545	1,293	1,904	913	492	554		
Transportation..... do....	1,897	2,091	124	518	306	46	386	664	336	337	370	205	468	220		
Communication..... do....	5,871	4,175	305	307	89	1,586	187	25	1,883	986	505	381	1,120	245		
Financial and real estate..... do....	15,743	24,456	2,324	2,938	2,734	2,130	2,703	3,599	3,219	3,160	4,442	1,842	*1,676	1,333		
State and municipal issues (Bond Buyer):																
Long-term..... do....	46,134	77,179	6,420	8,082	9,951	9,857	3,492	5,897	7,850	9,819	9,083	*8,355	*4,589	*6,563	*5,779	5,983
Short-term..... do....	34,443	43,390	3,146	3,357	3,396	3,365	2,980	1,714	2,282	5,875	2,226	3,623	3,291	4,101	*2,397	3,321
SECURITY MARKETS																
Stock Market Customer Financing																
Margin credit at brokers, end of year or month..... mil. \$.	14,411	13,325	11,208	11,728	12,459	13,325	13,370	13,985	14,483	15,590	16,713	18,292	19,218	19,437	20,124	
Free credit balances at brokers:																
Margin accounts..... do....	3,515	5,735	4,990	5,520	5,600	5,735	6,257	6,195	6,379	6,090	6,090	6,150	6,275	6,350	6,550	
Cash accounts..... do....	7,150	8,390	7,475	8,120	8,395	8,590	8,235	7,955	7,955	7,970	8,310	8,590	8,145	8,035	7,930	
Bonds																
Prices:																
Standard & Poor's Corporation:																
High grade corporate:																
Composite \$..... dol. per \$100 bond.....	33.7	35.8	38.0	41.7	44.2	42.9	42.5	41.3	42.6	43.8	44.4	44.9	46.1	39.0	38.7	40.0
Domestic municipal (15 bonds)..... do....	43.2	41.8	45.6	49.7	48.7	49.0	51.6	51.3	53.1	54.2	53.9	54.1	51.1	50.0	50.8	50.4
Sales:																
New York Stock Exchange, exclusive of some stopped sales, face value, total..... mil. \$.	5,733.07	7,155.44	639.80	875.30	770.43	792.60	787.72	689.61	793.35	725.15	687.63	641.90	538.78	563.48	498.96	513.37

See footnotes at end of tables.

1981	1982	1982				1983									
Annual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	

Bonds—Continued

Yields:																	
Domestic corporate (Moody's)	percent.	15.06	14.94	14.34	13.54	13.08	13.02	12.90	13.02	12.72	12.44	12.30	12.54	12.73	13.01	12.91	12.79
By rating:																	
Aaa	do.....	14.17	13.79	12.94	12.12	11.68	11.83	11.79	12.01	11.73	11.51	11.46	11.74	12.15	12.51	12.37	12.25
Aa	do.....	14.75	14.41	13.72	12.97	12.51	12.44	12.35	12.58	12.32	12.06	11.95	12.15	12.39	12.72	12.62	12.49
A	do.....	15.29	15.43	15.07	14.34	13.81	13.66	13.53	13.52	13.20	12.86	12.68	12.88	12.99	13.17	13.11	12.97
Baa	do.....	16.04	16.11	15.63	14.73	14.30	14.14	13.94	13.95	13.61	13.29	13.09	13.37	13.39	13.64	13.55	13.46
By group:																	
Industrials	do.....	14.50	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).....	do.....	11.56	11.56	10.48	10.05	10.23	9.56	9.74	9.04	9.38	8.82	9.78	9.36	9.60	9.75	9.46	9.79
Standard & Poor's Corp. (15 bonds)	do.....	11.23	11.57	10.61	9.59	9.97	9.91	9.45	9.55	9.16	8.96	9.03	9.51	9.46	9.72	9.57	9.64
U.S. Treasury bonds, taxable &.....	do.....	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
Stocks																	
Prices:																	
Dow-Jones averages (65 stocks)		364.61	345.40	356.89	383.92	401.57	404.83	417.61	428.91	447.11	458.20	476.19	485.45	485.34	470.13	491.30	500.44
Industrial (30 stocks).....		932.92	884.36	917.27	988.71	1,027.76	1,033.08	1,064.29	1,087.43	1,129.58	1,168.43	1,212.86	1,221.47	1,213.93	1,189.21	1,237.04	1,252.20
Public utility (15 stocks).....		108.58	111.95	116.18	119.97	119.34	117.83	123.83	124.32	126.88	126.08	129.21	128.21	130.40	129.60	132.47	138.35
Transportation (20 stocks).....		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: \$																	
Combined index (500 Stocks)	1941-43=10.....	128.04	119.71	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
Industrial, total (400 Stocks) #	do.....	144.24	133.57	137.09	148.11	153.90	156.02	162.02	165.15	170.33	176.78	184.10	187.42	188.32	183.16	188.61	189.00
Capital goods (105 Stocks).....	do.....	139.03	119.98	119.61	131.64	139.35	142.63	151.03	154.08	159.04	163.82	173.34	177.89	180.42	176.42	182.89	183.09
Consumer goods (191 Stocks).....	do.....	100.67	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
Utilities (40 Stocks).....	do.....	51.87	54.78	56.48	59.41	60.08	59.33	61.89	61.52	62.13	62.95	64.88	64.14	65.06	64.85	66.00	69.10
Transportation (20 Stocks).....	1970=10.....	23.26	19.64	20.27	22.19	23.52	23.84	24.93	25.52	26.48	27.30	29.03	29.73	29.96	28.62	30.99	31.09
Railroads (6 Stocks).....	1941-43=10.....	93.09	74.82	77.20	86.27	88.27	85.83	90.26	91.73	95.45	100.90	109.37	110.91	113.04	112.03	121.86	120.37
Financial (40 Stocks).....	1970=10.....	14.44	14.30	13.72	15.97	17.46	16.90	16.51	16.75	18.60	20.00	20.56	20.15	19.56	18.75	18.91	18.29
New York City banks (6 Stocks) 1941-43=10.....	do.....	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	68.47	63.28
Banks outside N.Y.C. (10 Stocks).....	do.....	117.82	95.87	86.79	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
Property-Casualty Insurance (5 Stocks) do.....	do.....	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:																	
Composite	12/31/65=50.....	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
Industrial	do.....	85.44	78.18	80.08	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	60.41	61.39	66.64	71.92	73.40	75.65	79.44	83.28	85.26	89.07	92.22	92.91	88.06	94.56	95.41
Utility	do.....	38.91	39.74	40.36	42.67	43.46	42.93	45.59	45.92	45.89	46.22	47.62	46.76	46.61	46.94	48.16	48.73
Finance.....	do.....	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	94.79
Yields (Standard & Poor's Corp.):																	
Composite (500 stocks)	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	
Industrials (400 stocks).....	do.....	4.90	5.48	5.26	4.78	4.60	4.59	4.44	4.39	4.26	4.12	3.96	3.93	3.88	4.01	3.91	
Utilities (40 stocks).....	do.....	10.15	10.39	10.22	9.73	9.62	9.83	9.48	9.60	9.52	9.40	9.12	9.30	9.15	9.20	9.11	
Transportation (20 stocks).....	do.....	3.40	4.32	4.17	3.75	3.53	3.46	3.24	3.19	3.04	2.98	2.81	2.83	2.77	2.88	2.65	
Financial (40 stocks).....	do.....	5.41	5.92	6.12	5.22	4.84	5.08	5.27	5.24	4.75	4.45	4.33	4.47	4.65	4.75	4.72	
Preferred stocks, 10 high-grade	do.....	12.36	12.53	12.41	11.71	11.18	11.20	11.23	11.13	10.86	10.80	10.65	10.81	11.06	11.07	11.06	10.97
Sales:																	
Total on all registered exchanges (SEC):																	
Market value	mil. \$.	490,688	596,670	61,374	79,303	75,002	73,704	69,588	65,657	81,315	75,498	88,346	93,847	76,494	79,553		
Shares sold	millions.....	15,910	22,414	2,301	2,852	2,642	2,547	2,402	2,189	2,681	2,431	2,825	2,857	2,319	2,633		
On New York Stock Exchange:																	
Market value	mil. \$.	415,913	514,263	52,551	67,157	63,927	61,542	59,712	55,909	70,121	63,156	75,317	79,973	64,858	68,306		
Shares sold (cleared or settled).....	millions.....	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		
New York Stock Exchange:																	
Exclusive of odd-lot and stopped stock sales (sales effected).....	millions.....	11,854	16,458	1,548	2,069	1,857	1,682	1,858	1,615	1,902	1,793	1,953	1,974	1,590	1,706	1,740	1,794
Shares listed, N.Y. Stock Exchange, end of period:																	
Market value, all listed shares.....	bil. \$.	1,143.79	1,305.36	1,120.26	1,244.38	1,291.94	1,305.36	1,349.19	1,385.49	1,431.63	1,545.81	1,547.13	1,604.02	1,562.40	1,571.38	1,591.43	1,563.58
Number of shares listed	millions.....	38,298	39,516	39,177	39,262	39,400	39,516	39,688	40,298	40,468	41,090	41,508	42,321	43,382	43,763	43,888	44,276

VALUE OF EXPORTS

TABLE OF EXPORTS																
Exports (mdse.), incl. reexports, total @	mil. \$..	'233,739.0	212,274.6	16,716.7	17,274.5	15,695.0	16,723.9	16,204.9	15,540.5	18,329.9	16,712.0	16,234.6	17,557.7	15,895.1	15,639.7	16,845.3
Excl. Dept. of Defense shipments	do....	'233,677.0	212,193.1	16,712.6	17,267.0	15,689.2	16,716.4	16,200.6	15,531.5	18,327.5	16,707.5	16,228.5	17,555.3	15,894.1	15,638.7	16,844.0
Seasonally adjusted	do....			17,320.3	16,671.4	15,851.9	16,346.6	17,393.0	16,325.8	16,751.6	16,073.8	15,566.4	17,008.3	16,628.5	16,630.2	17,387.0
By geographic regions:																
Africa	do....	'11,097.4	10,271.1	720.1	915.0	601.3	892.9	651.0	779.6	879.7	793.6	683.3	808.2	652.1	685.9	
Asia	do....	'63,848.7	64,822.2	4,947.1	5,372.4	5,109.7	5,746.2	5,043.2	4,862.8	5,521.8	5,264.5	4,801.1	5,933.8	5,608.5	4,864.3	
Australia and Oceania	do....	'6,435.8	5,699.7	445.8	433.6	362.7	360.5	386.2	311.2	381.7	376.5	350.7	553.0	407.8	449.9	
Europe	do....	'69,714.7	63,664.2	4,857.0	4,930.1	4,892.6	5,095.6	5,340.1	4,939.3	5,927.2	5,066.5	4,902.5	4,582.7	4,298.6	4,383.8	
Northern North America	do....	'39,565.8	33,723.6	2,838.1	3,089.2	2,512.5	2,378.3	2,671.7	2,675.7	3,556.0	3,223.2	3,440.9	3,329.3	2,634.5	3,031.9	
Southern North America	do....	'24,368.7	18,332.1	1,573.0	1,224.7	1,043.4	1,161.1	1,111.1	1,134.2	1,272.4	1,164.2	1,308.4	1,323.2	1,280.7	1,419.9	
South America	do....	'17,732.1	15,256.5	1,278.5	1,235.6	1,125.3	1,070.1	1,001.5	837.7	791.0	783.1	714.8	974.6	988.3	787.1	
By leading countries:																
Africa:																
Egypt	do....	'2,159.4	2,875.4	191.4	280.0	145.4	264.0	250.2	249.1	281.2	268.5	192.0	296.3	234.8	206.3	
Republic of South Africa	do....	'2,911.7	2,368.2	174.7	162.3	133.4	146.2	126.5	134.9	167.4	240.0	243.1	152.2	144.1	161.7	
Asia; Australia and Oceania:																
Australia, including New Guinea	do....	'15,297.5	4,600.7	380.4	337.0	307.7	280.6	315.9	259.4	329.6	327.3	287.4	483.0	340.9	362.9	
Japan	do....	'21,823.0	20,966.1	1,568.4	1,804.1	1,814.6	1,803.1	1,601.0	1,423.6	1,781.1	1,752.6	1,546.7	1,935.5	1,920.8	1,799.7	

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

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.
FOREIGN TRADE OF THE UNITED STATES—Continued																
VALUE OF EXPORTS—Continued																
Exports (mdse.), incl. reexports—Continued																
Europe:																
France..... mil. \$.	'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		
German Democratic Republic (formerly E. Germany)..... mil. \$.	'295.7	222.8	1.9	16.9	10.1	14.1	14.6	5.5	20.2	25.2	8.2	4.3	1.3	0.6		
Federal Republic of Germany (formerly W. Germany)..... mil. \$.	'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		
Italy..... do.	'5,360.0	4,616.1	349.4	386.5	344.1	368.6	379.0	387.5	386.0	353.2	369.4	299.3	264.4	273.7		
Union of Soviet Socialist Republics..... do.	'2,431.3	2,587.3	77.1	80.0	160.6	147.7	266.4	219.9	179.3	219.5	42.9	88.7	44.3	66.2		
United Kingdom..... do.	'12,439.2	10,644.7	935.6	833.1	838.1	792.5	860.6	885.0	1,021.5	962.0	963.6	793.3	793.2	841.5		
North and South America:																
Canada..... do.	'39,564.3	33,720.2	2,837.9	3,089.1	2,512.3	2,377.8	2,671.6	2,675.5	3,555.8	3,223.2	3,440.8	3,329.3	2,634.5	3,031.9		
Latin American republics, total #..... do.	'38,950.1	30,086.3	2,562.2	2,118.6	1,844.7	1,956.2	1,861.6	1,754.9	1,776.7	1,705.7	1,785.6	2,040.6	1,976.6	1,932.4		
Brazil..... do.	'3,798.2	3,422.7	306.0	236.3	201.7	214.8	194.8	195.5	185.4	198.8	183.9	286.8	294.2	179.2		
Mexico..... do.	'17,788.7	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		
Venezuela..... do.	'5,444.9	5,206.2	402.5	449.2	402.6	392.8	390.0	265.3	199.5	134.8	160.9	227.8	222.0	174.0		
Exports of U.S. merchandise, total \$..... do.	'228,960.8	207,157.6	15,980.7	16,886.7	15,319.1	16,290.1	15,818.8	15,198.8	17,913.0	16,360.7	15,854.5	17,201.1	15,566.9	15,252.0		
Excluding military grant-aid..... do.	'228,898.7	207,076.2	15,976.6	16,879.2	15,313.3	16,282.6	15,814.4	15,189.7	17,910.6	16,356.2	15,848.4	17,198.6	15,555.9	15,250.9		
Agricultural products, total..... do.	'43,338.5	36,622.6	2,388.1	2,887.4	3,049.7	2,887.5	3,115.2	3,018.0	3,188.1	2,981.1	2,679.9	2,789.0	2,595.7	2,613.5		
Nonagricultural products, total..... do.	'185,622.6	170,535.0	13,592.5	13,999.3	12,269.4	13,402.5	12,703.6	12,180.8	14,724.9	13,379.6	13,174.6	14,412.1	12,971.2	12,638.5		
By commodity groups and principal commodities:																
Food and live animals #..... mil. \$.	'30,290.8	23,950.4	1,691.6	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	
Beverages and tobacco..... do.	'2,914.7	3,026.2	193.1	350.3	379.8	287.5	171.5	223.6	227.1	213.4	199.3	231.3	193.4	215.7	207.4	
Crude materials, inedible, exc. fuels #..... do.	'20,992.4	19,248.4	1,328.1	1,515.4	1,663.4	1,546.9	1,576.6	1,458.5	1,609.8	1,645.4	1,496.7	1,527.2	1,342.2	1,478.7	1,491.4	
Mineral fuels, lubricants, etc. #..... mil. \$.	'10,279.0	12,728.8	1,073.3	1,206.1	846.0	881.9	1,006.3	681.1	843.6	872.6	759.4	816.3	652.6	837.5	821.0	
Oils and fats, animal and vegetable..... do.	'1,750.3	1,540.9	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	
Chemicals..... do.	'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	
Manufactured goods #..... do.	'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	
Machinery and transport equipment, total..... mil. \$.	'95,717.2	87,128.1	6,756.3	7,136.5	6,083.4	6,846.4	6,174.2	6,406.1	8,041.1	6,794.1	6,865.3	7,812.8	6,626.6	6,006.6	6,792.3	
Machinery, total #..... do.	'62,945.5	59,324.2	4,928.1	4,889.2	4,451.1	4,522.4	4,252.5	3,989.1	4,920.0	4,513.6	4,514.8	4,558.3	4,554.0	4,238.3		
Transport equipment, total..... do.	'32,790.9	27,823.9	1,828.8	2,248.1	1,632.7	2,326.7	1,922.5	2,417.7	3,121.8	2,281.2	2,353.5	3,255.1	2,703.4	1,768.7		
Motor vehicles and parts..... 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	959.0	1,049.5		
VALUE OF IMPORTS																
General imports, total..... do.	'261,304.9	'243,951.9	20,187.8	21,219.3	19,002.0	18,720.2	20,149.0	17,592.6	20,311.2	19,807.8	21,932.9	21,763.0	21,583.9	23,058.6	21,736.3	
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	
By geographic regions:																
Africa..... do.	'27,070.6	'17,770.1	1,262.7	1,586.0	1,423.8	1,288.3	1,271.1	866.8	874.4	950.0	1,232.7	1,342.5	1,519.9	1,546.6		
Asia..... do.	'92,032.6	'85,169.5	6,920.8	7,155.4	6,133.6	5,756.4	6,739.8	6,185.4	6,956.0	6,278.3	7,005.4	7,679.3	7,778.7	8,622.0		
Australia and Oceania..... do.	'15,952.7	'3,130.5	281.1	323.1	261.2	205.4	245.5	216.6	227.2	221.4	239.7	262.5	256.5	303.1		
Europe..... do.	'53,409.7	'53,412.7	4,241.8	4,712.0	4,220.1	4,381.0	4,658.0	3,767.0	4,434.4	4,602.4	4,815.4	4,662.4	4,692.3	5,080.8		
Northern North America..... do.	'46,432.0	'46,497.7	4,238.7	3,907.9	4,009.8	3,625.6	3,868.1	3,753.7	4,534.4	4,227.8	4,529.7	4,691.1	3,937.4	4,057.8		
Southern North America..... do.	'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		
South America..... do.	'15,526.4	'14,444.1	1,141.9	1,662.4	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		
By leading countries:																
Africa:																
Egypt..... do.	'397.3	'547.2	8.5	19.2	51.2	51.0	17.9	95.0	16.3	4.0	4.5	17.8	37.4	20.5		
Republic of South Africa..... do.	'2,445.3	'1,966.8	184.4	227.1	162.8	172.1	142.3	162.7	162.8	263.5	183.8	169.0	144.4	154.1		
Asia; Australia and Oceania:																
Australia, including New Guinea..... mil. \$.	'2,514.8	'2,304.6	203.1	252.7	172.3	154.4	196.0	158.1	169.7	147.6	164.1	175.4	168.6	223.1		
Japan..... do.	'37,612.1	'37,743.7	2,904.2	3,274.0	2,695.1	2,486.2	2,953.2	2,894.4	3,440.2	3,080.2	3,461.1	3,283.8	3,557.5	3,633.8		
Europe:																
France..... do.	'5,851.4	'5,545.3	410.1	414.0	469.8	452.7	670.2	434.8	471.9	492.8	517.9	497.0	469.6	500.6		
German Democratic Republic (formerly E. Germany)..... mil. \$.	'47.7	'53.9	11.2	3.3	3.2	2.9	5.4	5.7	5.3	5.3	3.4	3.5	4.6	5.5		
Federal Republic of Germany (formerly W. Germany)..... mil. \$.	'11,379.0	'11,974.8	872.9	981.1	949.0	967.2	989.2	887.4	1,064.5	1,044.6	1,011.7	1,114.2	1,044.4	1,126.9		
Italy..... do.	'5,189.0	'5,301.4	459.6	350.0	413.7	420.4	471.1	367.4	460.6	448.9	428.4	455.3	494.5	541.7		
Union of Soviet Socialist Republics..... do.	'347.5	'227.6	27.6	34.8	8.9	7.1	22.7	25.1	20.0	25.2	16.4	16.5	7.8	72.1		
United Kingdom..... do.	'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		
North and South America:																
Canada..... do.	'46,413.8	'46,476.9	4,236.3	3,907.2	4,009.6	3,622.1	3,866.9	3,752.7	4,531.7	4,227.1	4,528.2	4,688.8	3,937.0	4,055.4		
Latin American republics, total #..... do.	'32,023.3	'32,512.6	2,776.3	3,061.0	2,604.6	2,963.1	2,885.0	2,408.3	2,801.1	3,001.9	3,538.0	2,744.5	2,895.2	3,032.0		
Brazil..... do.	'4,474.5	'4,285.3	374.8	427.5	315.4	440.1	430.6	336.2	331.6	383.6	421.8	351.7	395.7	439.8		
Mexico..... do.	'13,765.1	'15,565.9	1,448.9	1,299.9	1,219.1	1,418.7	1,285.9	1,194.8	1,328.8	1,345.7	1,695.5	1,363.7	1,295.0	1,491.4		
Venezuela..... do.	'5,666.0	'4,767.7	361.9	504.0	392.3	528.9	472.5	284.9	428.0	424.9	508.1	310.4	428.9	358.0		
By commodity groups and principal commodities:																
Agricultural products, total..... mil. \$.	'17,003.4	'15,421.7	1,302.0	1,428.6	1,248.0	1,234.3	1,529.8	1,312.9	1,379.5	1,489.6	1,532.8	1,261.4	1,264.2	1,248.5		
Nonagricultural products, total..... do.	'244,301.4	'228,530.2	18,885.8	19,790.7	17,754.0	17,485.9	18,619.3	16,279.6	18,931.7	18,318.1	20,400.2	20,501.6	20,319.7	21,810.1		
Food and live animals #																

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	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..	'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.	'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.	'194.1	175.6	162.6	171.8	155.8	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.	'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.	'105.2	99.9	101.3	105.2	95.3	93.8	101.4	89.4	103.1	101.5	113.7	111.9	112.0	118.1	111.2	
Value do.	'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):																
Shipping weight thous. sh. tons.	'406,796	400,955	31,778	34,234	32,472	30,342	31,458	28,071	30,532	30,409	28,757	31,256				
Value mil. \$.	'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.	'464,420	376,446	30,598	34,515	27,291	29,057	28,145	22,504	23,412	25,526	32,956	31,134				
Value mil. \$.	'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

TRANSPORTATION																
Air Carriers (Scheduled Service)																
Certificated route carriers:																
Passenger-miles (revenue) bil.	248.89	258.96	20.12	20.94	19.20	20.92	20.75	19.36	24.87	21.88	22.95	25.90	26.66	27.31		
Passenger-load factor percent.	58.6	59.0	54.9	56.4	55.9	57.8	56.7	60.2	67.6	60.3	59.1	65.1	63.4	64.6		
Ton-miles (revenue), total mil.	31,949	32,754	2,583	2,716	2,527	2,717	2,571	2,462	3,119	2,777	2,895	3,213	3,293	3,366		
Operating revenues (quarterly) # \$ mil. \$.	36,211	36,013	9,834			8,546			8,422			9,570				
Passenger revenues do.	30,401	30,326	8,317			7,153			7,122			8,178				
Cargo ton-miles do.	2,550	2,404	601			626			559			612				
Mail revenues do.	668	705	165			199			162			161				
Operating expenses (quarterly) \$ do.	36,612	36,715	8,479			9,093			9,074			9,465				
Net income after taxes (quarterly) \$ do.	-500	-870	172			-365			-700			24				
Domestic operations:																
Passenger-miles (revenue) bil.	198.72	*209.54	15.61	16.75	15.95	17.34	17.09	16.43	21.25	18.04	18.41	20.44	20.44	20.97	*13.63	
Cargo ton-miles mil.	3,350	3,026	254	270	258	253	220	236	288	263	275	289	279	295		
Mail ton-miles do.	998	1,004	80	84	78	117	81	78	94	88	82	85	81	84		
Operating revenues (quarterly) \$ mil. \$.	28,788	28,730	7,604			6,943			6,898			7,673				
Operating expenses (quarterly) \$ do.	29,051	29,466	7,431			7,398			7,567			7,728				
Net income after taxes (quarterly) \$ do.	-348	-690	65			-182			-674			-81				
International operations:																
Passenger-miles (revenue) bil.	50.17	49.43	4.51	4.91	3.25	3.57	3.66	2.93	3.62	3.84	4.54	5.46	6.21	6.34		
Cargo ton-miles mil.	2,335	2,430	205	235	233	208	166	184	217	206	210	217	235	224		
Mail ton-miles do.	376	399	31	34	36	47	30	29	33	32	34	32	32	32		
Operating revenues (quarterly) \$ mil. \$.	*6,390	6,435	1,912			1,513			1,431			1,804				
Operating expenses (quarterly) \$ do.	*6,574	6,454	1,777			1,611			1,428			1,655				
Net income after taxes (quarterly) \$ do.	*-166	-192	83			-188			-31			100				
Urban Transit Systems																
Passengers carried, total mil.	7,949	7,714	636	678	654	654	624	618	716	656	664	661	593	*658	653	
Motor Carriers																
Carriers of property, large, class I, qtrly.: @																
Number of reporting carriers do.	100	100	100			100			100			100				
Operating revenues, total mil. \$.	*16,135	15,404	3,937			3,970			3,610			4,029				
Net income, after extraordinary and prior period charges and credits mil. \$.	*293	308	48			154			32			121				
Tonnage hauled (revenue), common and contract carrier service mil. tons.	*180	160	40			40			36			41				
Freight carried—volume indexes, class I and II intercity truck tonnage (ATA):																
Common and contract carriers of property (qtrly.) average same period, 1967=100.																
Common carriers of general freight, seas. adj. 1967=100..	147.0	128.9	129.7	125.1	121.3	121.9	126.6	125.3	126.1	130.8	133.8	137.2	*139.9	140.0	*139.8	
Class I Railroads †																
Financial operations, qtrly. (AAR), excl. Amtrak:																
Operating revenues, total # mil. \$.	30,899	27,507	6,612			6,482			6,487			6,584				
Freight do.	28,925	25,627	6,148			6,026			6,171			6,750				
Passenger, excl. Amtrak do.	535	571	145			139			75			77				
Operating expenses do.	28,560	26,473	6,500			6,331			6,126			6,346				
Net railway operating income do.	1,386	767	114			184			256			247				
Ordinary income do.	1,922	*1,202	161			436			173			255				
Traffic:																
Ton-miles of freight (net), total, qtrly. bil.	911.9	799.6	190.9			193.8			196.1			203.9				
Revenue ton-miles, qtrly. (AAR) do.	910.2	799.7	190.9			193.8			191.9			204.0			213.0	*89.4
Price index for railroad freight 1969=100..	327.6	351.4	351.9	351.8	351.7	351.9	355.2	355.4	355.3	355.3	355.4	355.4	355.4	355.4	355.5	357.1
Travel																
Hotels and motor-hotels:																
Restaurant sales index same month 1967=100..	194	196	188	210	190	195	159	181	201	198	218	220	212	200		
Hotels: Average room sale dollars.	56.39	61.71	61.34	64.28	61.87	62.28	62.69	65.86	62.23	67.24	62.94	64.45	61.63	63.25		
Rooms occupied % of total.	68	63	63	70	62	49	55	63	68	68	66	68	63	65		
Motor-hotels: Average room sale dollars.	38.31	41.16	41.89	41.26	39.19	39.94	40.10	41.95	43.33	43.49	42.17	43.53	44.24	42.74		
Rooms occupied % of total.	67	64	62	65	58	49	58	68	71	69	68	72	72	69		
Foreign travel:																
U.S. citizens: Arrivals (quarterly) thous.	8,905	*9,388	2,909			1,979			*2,210							
Departures (quarterly) do.	9,978	*10,275	3,063			2,182			*2,160							
Aliens: Arrivals (quarterly) do.	11,976	*10,909	3,442			2,328			*2,110							
Departures (quarterly) do.	9,833	*9,047	2,829			2,027			*1,515							
Passports issued do.	3,222	3,664	236	223	228	288	384	314	458	474	392	470	340	344	260	*222
National parks, recreation visits # # do.	49,787	48,901	5,533	4,281	1,926	1,265	1,230	1,332	1,334	225	3,773	6,402	9,719	9,014	*6,247	

See footnotes at end of tables.

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	Annual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	
TRANSPORTATION AND COMMUNICATION—Continued																
COMMUNICATION																
Telephone carriers:																
Operating revenues #	mil. \$.	66,499	73,808	6,291	6,327	6,310	6,005	6,215	6,198	6,628	6,485	6,498	6,542	6,504	6,558	
Station revenues	do.....	28,117	31,678	2,712	2,736	2,745	2,730	2,750	2,744	2,735	2,760	2,760	2,775	2,750	2,725	
Tolls, message	do.....	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	51,289	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	159.5	157.8	156.3	156.2	155.4	154.5	153.4	146.8	144.6	142.5	
Telegraph carriers:																
Domestic:																
Operating revenues	mil. \$.	779.2	809.3	66.9	66.5	66.2	68.3	67.3	65.2	74.9						
Operating expenses	do.....	623.8	678.7	69.6	54.3	56.4	58.0	57.1	55.8	59.4						
Net operating revenues (before taxes)	do.....	112.7	86.8	-7.0	8.4	6.1	7.9	6.4	5.8	10.9						
Overseas, total:																
Operating revenues	do.....	577.7	607.7	51.9	50.3	50.2	49.9	50.8	48.9	54.8						
Operating expenses	do.....	435.3	495.2	43.1	42.6	42.9	45.8	42.7	41.7	43.8						
Net operating revenues (before taxes)	do.....	117.0	83.7	4.0	5.3	4.5	3.9	5.1	4.6	8.4						

CHEMICALS AND ALLIED PRODUCTS

CHEMICALS																
Inorganic Chemicals																
Production:																
Aluminum sulfate, commercial (17% Al_2O_3) ‡	thous. sh. tons.	1,294	1,183	99	84	96	80	86	103	87	100	107	87	117		
Chlorine gas (100% Cl_2) ‡	do.	10,767	9,136	684	756	734	708	787	759	812	810	848	806	872	883	
Hydrochloric acid (100% HCl) ‡	do.	2,502	2,490	183	193	189	182	203	217	222	188	198	226	*220	235	
Phosphorus, elemental ‡	do.	426	361	29	31	30	28	30	27	32	30	31	30	27	30	
Sodium hydroxide (100% NaOH) ‡	do.	10,414	9,225	696	768	752	722	824	789	840	850	881	816	895	884	
Sodium silicate, anhydrous ‡	do.	788	650	53	56	59	41	50	61	57	74	65	*57	58		
Sodium sulfate, anhydrous ‡	do.	1,077	895	70	72	68	74	75	79	76	70	76	62	63	73	
Sodium tripolyphosphate (100% $Na_5P_3O_{10}$) ‡	do.	696	630	51	56	55	52	62	48	53	51	50	53	60	62	
Titanium dioxide (composite and pure) ‡	do.	761	635	58	51	54	50	54	60	61	68	59	65	*62	61	
Sulfur, native (Frasch) and recovered:																
Production	thous. lg. tons.	*10,440	*8,478	651	643	658	663	639	572	667	635	661	636	668	*674	679
Stocks (producers) end of period	do.	3,577	4,136	4,229	4,160	4,199	4,136	4,074	3,957	3,805	3,701	3,634	3,658	3,662	*3,600	3,504
Inorganic Fertilizer Materials																
Production:																
Ammonia, synthetic anhydrous ‡	thous. sh. tons.	19,076	15,500	1,196	1,167	1,137	1,156	1,117	1,065	1,264	1,182	1,140	1,011	975	1,096	
Ammonium nitrate, original solution ‡	do.	8,937	7,331	516	559	564	552	592	564	647	607	581	506	*420	384	
Ammonium sulfate ‡	do.	*2,194	1,789	141	145	125	128	*121	154	165	160	177	161	170	162	
Nitric acid (100% HNO_3) ‡	do.	9,077	7,588	558	608	614	580	630	595	712	650	626	551	*506	476	
Nitrogen solutions (100% N) ‡	do.	3,177	*2,427	*211	*134	*151	*137	*147	*150	*235	*228	242	*179	*149	*213	
Phosphoric acid (100% P_2O_5) ‡	do.	9,922	8,524	749	802	682	780	749	807	922	895	754	650	731	807	
Sulfuric acid (100% H_2SO_4) ‡	do.	40,742	32,680	2,808	2,940	2,755	2,760	2,658	2,830	3,142	2,983	2,757	2,451	*2,551	2,733	
Superphosphate and other phosphatic fertilizers (100% P_2O_5):																
Production	thous. sh. tons.	*16,903	13,139	1,230	1,258	966	1,048	1,223	1,240	1,478	1,402	1,237	1,086	*1,125	1,251	
Stocks, end of period	do.	*1,068	892	909	881	883	882	818	773	688	820	1,069	1,023	*1,017	810	
Potash, sales (K_2O) ◇	do.	6,478	5,186	389	358	313	495	431	383	543	458	627	474	326	597	*691
Exports, total #	do.	22,391	20,337	1,756	1,580	1,912	1,193	2,504	1,755	1,937	1,933	1,568	1,983	1,787	1,892	2,113
Nitrogenous materials	do.	2,834	2,645	229	207	139	125	122	131	182	219	161	247	148	134	167
Phosphate materials	do.	13,308	11,997	1,013	982	1,177	684	1,714	1,124	1,289	1,258	1,122	1,127	1,194	1,126	1,444
Potash materials	do.	1,203	1,218	158	64	172	55	125	27	63	48	33	93	48	97	93
Imports:																
Ammonium nitrate	do.	264	262	16	17	15	12	26	16	34	44	39	12	22	15	38
Ammonium sulfate	do.	327	319	25	33	28	25	54	13	35	33	18	16	4	29	11
Potassium chloride	do.	8,601	7,154	504	661	489	584	674	461	860	765	679	403	396	717	629
Sodium nitrate	do.	159	131	(*)	0	15	9	0	0	9	23	16	22	7	8	3
Industrial Gases																
Production:																
Acetylene ‡	mil. cu. ft.	5,161	3,946	271	257	253	254	237	228	248	265	311	253	249		
Carbon dioxide, liquid, gas, and solid	thous. sh. tons.	*3,813	*3,687	*295	*312	*297	*300	*291	*271	*292	*278	*284	*309	*323		
Hydrogen (high and low purity) ‡	mil. cu. ft.	103,278	91,305	7,276	8,014	7,191	7,849	7,929	7,893	8,098	8,251	8,173	8,209	8,513		
Nitrogen (high and low purity) ‡	do.	490,285	483,781	40,190	41,163	39,330	40,150	43,243	41,479	45,317	45,019	46,506	43,886	44,643		
Oxygen (high and low purity) ‡	do.	430,610	357,943	27,241	27,419	27,109	26,006	27,466	27,701	29,052	28,659	28,668	28,014	29,302		
Organic Chemicals ‡																
Production:																
Acetylsalicylic acid (aspirin)	mil. lb.	*29.7	*23.4		2.0			2.7	2.4	2.7	2.7	2.4	2.2	2.5	2.4	
Creosote oil	mil. gal.	*81.9	*36.3	6.6	4.3			4.5	5.6	5.6	6.2	6.8	7.9	5.7	6.8	
Ethyl acetate (85%)	mil. lb.	*277.1	*235.4	19.2	12.9	10.3	18.7	21.2	20.3	27.7	10.6	15.0	15.2	14.2	15.0	
Formaldehyde (37% HCHO)	do.	*5,720.7	*4,816.5	394.6	427.5	382.4	307.0	409.7	417.8	470.2	490.5	461.5	442.9	415.0	437.3	
Glycerin, refined, all grades	do.	299.1	229.5	18.7	21.5	21.5	13.8	23.7	22.9	22.0	16.4	21.1	26.1	19.9	*20.2	22.3
Methanol, synthetic	mil. gal.	*1,291.7	*1,137.7	77.3	94.3	83.2	97.1	88.7	75.3	76.3	90.4	93.4	91.8	97.5	77.9	
Phthalic anhydride	mil. lb.	*869.5	*684.4	69.0	54.4	58.7	48.0	57.7	60.6	72.7	71.7	69.7	80.3	69.5	63.5	
ALCOHOL																
Ethyl alcohol and spirits:																
Production	mil. tax gal.	571.2	601.1	53.3	61.9	61.6	65.0	60.8	58.6	59.4	46.0	56.5	60.2	63.8		
Stocks, end of period	do.	83.3	82.1	49.1	48.1	45.5	82.1	76.7	69.9	69.8	58.3	58.8	50.9	60.1		
Denatured alcohol:																
Production	mil. wine gal.	230.7	282.9	25.6	23.7	31.9	35.3	35.1	36.5	30.0	28.2	33.7	30.4	31.2		
Consumption (withdrawals)	do.	227.1	275.8	25.5	23.6	28.8	34.6	34.5	29.7	23.5	30.6	36.1	32.5	32.3		
Stocks, end of period	do.	5.4	6.5	4.0	3.9	5.7	6.5	7.4	15.5	19.1	11.9	8.8	7.7	4.7		

See footnotes at end of tables.

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CHEMICALS AND ALLIED PRODUCTS—Continued

PLASTICS AND RESIN MATERIALS																	
Production:																	
Phenolic resins.....mil. lb.	*1,688.0	*1,397.7	101.1	107.0	93.4	91.3	101.9	104.5	115.0	112.2	112.6	119.7	105.1	124.7			
Polyethylene and copolymers.....do.	*12,603.6	*12,548.0	1,053.7	998.4	1,020.1	1,083.4	1,092.9	1,050.3	1,137.1	1,139.1	1,157.0	1,143.3	1,188.8	1,136.7			
Polypropylene.....do.	*4,007.8	*3,515.0	280.4	287.5	311.0	296.4	351.3	351.5	345.8	337.8	363.0	386.3	376.1	353.1			
Polystyrene and copolymers.....do.	*5,915.2	*5,608.6	460.5	434.0	421.1	352.1	405.8	432.2	489.6	459.5	463.3	469.4	433.7	432.3			
Polyvinyl chloride and copolymers.....do.	*5,618.4	*5,397.2	481.0	454.9	452.4	405.5	392.6	452.0	543.5	478.1	513.2	535.3	492.7	454.8			
MISCELLANEOUS PRODUCTS																	
Explosives (industrial), shipments, quarterly.....mil. lb.	3,003.6	2,514.9	582.9			569.9			487.5			537.5			589.8		
Paints, varnish, and lacquer, shipments: ♦.....mil. \$.	7,155.3	7,112.6	660.2	550.3	485.0	424.4	*538.8	*569.9	*722.8	*744.8	*802.4	*893.5	*763.4	849.4			
Total shipments.....do.	3,065.6	3,113.4	290.6	225.8	184.0	162.5	231.6	256.5	342.8	346.1	380.3	454.8	367.1	392.8			
Architectural coatings.....do.	2,763.5	2,598.4	243.9	211.2	202.3	178.4	*196.8	*202.9	*247.8	*254.5	*269.8	*280.4	*244.3	283.4			
Product finishes (OEM).....do.	1,326.2	1,400.8	125.7	113.3	98.6	83.6	*110.4	*110.5	*132.2	*144.3	*152.3	*158.2	*152.0	173.3			
Special purpose coatings.....do.																	

ELECTRIC POWER AND GAS

ELECTRIC POWER																	
Production:																	
Electric utilities, total.....mil. kw.-hr.	2,294,812	2,241,211	180,662	172,966	173,377	184,722	195,680	172,485	182,494	170,389	174,403	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	162,193	140,401	143,210	160,353	192,041	203,649			
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	26,824			
Sales to ultimate customers, total (Edison Electric Institute) ‡.....mil. kw.-hr.	*2,150,674	*2,093,592	*549,610			*500,774			526,540			501,648					
Commercial §.....do.	*521,698	*514,087	*140,508			*124,488			125,226			123,083					
Industrial §.....do.	*819,641	*770,670	*194,200			*186,591			187,906			199,884					
Railways and railroads.....do.	*4,206	*4,288	*1,174			*1,007			1,191			963					
Residential or domestic.....do.	*730,479	*729,240	*194,893			*170,052			193,729			180,273					
Street and highway lighting.....do.	*14,683	*14,188	*3,358			*3,757			3,752			3,170					
Other public authorities.....do.	*53,737	*55,729	*14,047			*13,528			13,524			12,999					
Interdepartmental.....do.	*6,230	*5,390	*1,430			*1,351			1,211			1,286					
Revenue from sales to ultimate customers (Edison Electric Institute) ‡.....mil. \$.	*111,016	*121,127	*33,161			*29,219			30,803			29,515					
GAS																	
Total utility gas, quarterly (American Gas Association):																	
Customers, end of period, total.....thous.	48,013	48,418	47,894			48,418			48,918								
Residential.....do.	44,209	44,567	44,116			44,567			44,996								
Commercial.....do.	3,570	3,620	3,546			3,620			3,689								
Industrial.....do.	186	183	184			183			184								
Other.....do.	48	48	48			48			48								
Sales to customers, total.....tril. Btu.	15,380	14,157	2,399			3,302			4,319								
Residential.....do.	4,601	4,733	405			1,151			1,906								
Commercial.....do.	2,360	2,444	285			614			925								
Industrial.....do.	8,220	6,769	1,670			1,483			1,418								
Other.....do.	199	212	39			54			69								
Revenue from sales to customers, total.....mil. \$.	56,340	63,362	10,789			16,179			22,572								
Residential.....do.	19,218	23,665	2,395			6,406			10,752								
Commercial.....do.	9,231	11,538	1,409			3,175			4,996								
Industrial.....do.	27,246	27,296	6,832			6,361			6,475								
Other.....do.	645	864	152			237			348								

FOOD AND KINDRED PRODUCTS; TOBACCO

ALCOHOLIC BEVERAGES																	
Beer:																	
Production.....mil. bbl.	193.69	*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	14.96			
Distilled spirits (total):																	
Production.....mil. tax gal.	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				
Consumption, apparent, for beverage purposes ‡.....mil. wine gal.	*449.45	*437.66	34.93	36.33	43.13	51.68	*29.82	29.00	36.27	33.81	33.99	38.51	32.14				
Stocks, end of period ‡.....mil. tax gal.	613.78	604.43	604.93	605.53	603.68	604.43	605.23	606.87	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 ‡.....mil. tax gal.	96.68	91.25	6.66	8.31	7.73	6.63	6.56	7.52	9.39	8.73	7.47	6.20	3.51				
Stocks, end of period ‡.....do.	541.07	533.39	539.59	536.00	533.69	533.39	532.96	534.57	535.38	537.72	533.41	535.11	500.07				
Imports.....mil. proof gal.	86.53	76.60	7.19	9.89	8.18	5.54	9.59	3.02	4.95	4.43	4.83	12.20	4.12	6.11	4.77		
Wines and distilling materials:																	
Effervescent wines:																	
Production.....mil. wine gal.	30.73	*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 ‡.....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				
Taxable withdrawals ‡.....do.	363.64	*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 ‡.....do.	604.41	695.27	512.20	702.10	705.62	695.27	670.70	654.75	620.77	583.98	554.34	511.61	487.30				
Imports.....do.	107.60	113.79	9.93	9.13	11.94	11.47	12.42	7.78	8.41	8.58	9.35	10.87	9.68	9.49	9.72		
Distilling materials produced at wineries.....do.	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				

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FOOD AND KINDRED PRODUCTS; TOBACCO—Continued																
DAIRY PRODUCTS																
Butter, creamery:																
Production (factory) @ mil. lb.	1,228.2	1,257.0	256.4			300.0	*133.9	120.7	126.1	126.5	121.1	109.6	94.7	83.9	84.2	
Stocks, cold storage, end of period do...	429.2	466.8	510.0			466.8	*485.4	527.9	533.1	549.7	576.1	588.5	588.4	581.8	555.3	
Price, wholesale, 92 score (N.Y.) \$ per lb.	*1.535	(¹)														
Cheese:																
Production (factory), total @ mil. lb.	4,277.6	4,539.8	1,121.3			1,141.5	*374.9	352.6	416.9	408.1	429.2	436.0	400.6	380.7	375.1	
American, whole milk @ do...	2,642.3	2,750.5	673.2			655.7	*233.2	216.3	255.7	261.4	278.1	279.8	257.7	232.3	213.3	
Stocks, cold storage, end of period do...	709.6	963.5	864.3			963.5	*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	
American, whole milk do...	623.0	880.8	765.1			880.8	*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	
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	
Price, wholesale, cheddar, single daisies (Chicago) \$ 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
Condensed and evaporated milk:																
Production, case goods @ mil. lb.	757.9	734.9	184.0			181.6	*54.5	51.7	57.4	59.7	61.6	62.0	54.4	51.2	48.9	
Stocks, manufacturers', case goods, end of period mil. lb.	46.0	51.9	103.3			51.9	*51.4	51.4	48.4	60.7	74.6	75.7	94.0	101.5	94.1	
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	
Fluid milk:																
Production on farms † do...	133,013	135,795	33,983			32,854	*11,292	10,627	12,036	11,933	12,487	12,033	11,894	11,639	11,309	11,382
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	
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	*13.70
Dry milk:																
Production:																
Dry whole milk @ mil. lb.	92.7	102.2	22.4			24.3	*8.5	7.6	10.5	9.1	9.0	8.8	7.9	9.0	9.1	
Nonfat dry milk (human food) @ do...	1,314.3	1,400.6	339.0			296.9	*117.7	115.7	135.0	137.2	156.8	157.8	145.7	127.5	104.6	
Stocks, manufacturers', end of period:																
Dry whole milk do...	6.0	6.0	7.3			6.0	*5.0	3.8	5.0	5.0	5.4	5.8	5.9	4.9	4.4	
Nonfat dry milk (human food) do...	86.7	93.3	89.8			93.3	*84.4	92.5	81.4	89.5	99.0	91.2	99.2	85.8	69.7	
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	
Price, manufacturers' average selling, nonfat dry milk (human food) \$ per lb.	0.939	*0.936					*0.940	0.942	0.942	0.943	0.941	0.940	0.939	0.940	0.936	
GRAIN AND GRAIN PRODUCTS																
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	
Barley:																
Production (crop estimate) ◇ do...	*479.3	*522.4														*531.7
Stocks (domestic), end of period, total † do...	333.1	418.1	501.4			418.1			296.7		*222.8				524.7	
On farms † do...	231.2	293.9	353.4			293.9			198.5		*142.9				351.1	
Off farms do...	101.9	124.2	148.0			124.2			98.2		*79.9				173.6	
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	
Corn:																
Production (crop estimate, grain only) ◇ mil. bu.	*8,201.6	*8,397.3														*4,121.0
Stocks (domestic), end of period, total † do...	6,967.7	8,423.8	*2,285.9			8,423.8			6,364.4		*5,081.0				*3,140.0	
On farms † do...	5,033.8	6,156.9	*1,356.0			6,156.9			4,411.0		*3,250.8				*1,536.1	
Off farms do...	1,933.8	2,266.9	*929.9			2,266.9			1,953.4		*1,830.2				*1,604.0	
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	
Oats:																
Production (crop estimate) ◇ mil. bu.	*509.2	*617.0														*472.5
Stocks (domestic), end of period, total † do...	365.2	473.7	581.3			473.7			332.5		*229.2				502.3	
On farms † do...	314.1	397.9	486.0			397.9			272.5		*190.6				423.1	
Off farms do...	51.1	75.8	95.3			75.8			59.9		*38.6				79.2	
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	
Price, wholesale, No. 2, white (Minneapolis) \$ per bu.	(¹)															
Rice:																
Production (crop estimate) mil. bags #	*182.7	*154.2														*103.3
California mills:																
Receipts, domestic, rough mil. lb.	3,359	*2,913	76	505	*273	139	140	189	145	240	105	216	213	393	300	
Shipments from mills, milled rice do...	2,267	1,619	110	81	63	47	103	162	152	166	186	172	122	309	263	
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	
Southern States mills (Ark., La., Tenn., Tex.):																
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	
Shipments from mills, milled rice do...	7,354	7,020	615	541	542	550	403	569	668	495	529	672	458	*450	535	
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	
Exports do...	6,801	5,516	320	431	199	307	241	316	490	446	438	550	360	488	624	
Price, wholesale, No. 2, medium grain (Southwest Louisiana) \$ 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
Rye:																
Production (crop estimate) ◇ mil. bu.	*18.8	*20.8														*25.7
Stocks (domestic), end of period † do...	7.9	10.9	16.5			10.9			8.0		*6.4				(¹¹)	
Wheat:																
Production (crop estimate), total ◇ mil. bu.	*2,799	*2,809														*2,408
Spring wheat do...	*695	*700														*431
Winter wheat do...	*2,104	*2,108														*1,977
Distribution, quarterly @@ do...	2,526	2,473	*987			470			646		*336					
Stocks (domestic), end of period, total † do...	2,178.0	2,520.5	2,987.1			2,520.5			1,877.0		*1,543.2				2,952.7	
On farms † do...	955.6	1,166.1	1,421.0			1,166.1			886.3		*694.8				1,238.5	
Off farms do...	1,222.4	1,354.5	1,566.0			1,354.5			990.7		*848.3				1,714.1	
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	
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	

See footnotes at end of tables.

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	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
FOOD AND KINDRED PRODUCTS; TOBACCO—Continued																
GRAIN AND GRAIN PRODUCTS—Continued																
Wheat flour:																
Production:																
Flour †.....thous. sacks (100 lb.)..	283,966	284,965	24,213	24,965	23,867	24,473	24,425	23,393	26,787	24,118	25,759	25,088	*24,700	28,972		
Millfeed †.....thous. sh. tons..	5,045	5,137	435	450	429	441	445	425	488	438	460	449	*445	540		
Grindings of wheat †.....thous. bu.	634,381	640,158	54,340	56,328	53,778	54,783	54,765	52,713	59,111	53,866	58,064	56,734	*55,238	65,138		
Stocks held by mills, end of period.....thous. sacks (100 lb.)..	3,460	4,276	3,563			4,276			3,760			3,490				
Exports.....do.	15,839	14,518	698	593	824	185	1,587	3,734	2,692	4,256	3,193	4,172	3,293	3,095	3,621	
Prices, wholesale:																
Spring, standard patent (Minneapolis) \$ per 100 lb.	10.844	10.545	10.475	10.388	10.463	10.450	10.163	10.300	10.753	10.813	10.950	11.213	(*)			
Winter, hard, 95% patent (Kans. City).....do.	*10.347	*10.600					10.200						(*)			
POULTRY AND EGGS																
Poultry:																
Slaughter.....mil. lb.	15,058	15,146	1,364	1,337	1,270	1,223	1,221	1,110	1,342	1,274	1,327	1,409	1,247	*1,435	1,326	
Stocks, cold storage (frozen), end of period, total.....mil. lb.	392	345	565			345	*329	313	326	346	357	410	480	532	568	
Turkeys.....do.	238	204	436			204	*194	188	185	192	210	256	323	384	425	
Price, in Georgia producing area, live broilers \$ per lb.	0.265	0.250	0.255	0.240	0.235	0.235	0.240	0.265	0.245	0.240	0.255	0.270	0.295	0.310	0.335	0.275
Eggs:																
Production on farms.....mil. cases \$.	194.0	193.6			48.4		*16.4	14.8	16.4	15.5	15.8	15.3	15.6	15.6	15.1	
Stocks, cold storage, end of period:																
Shell.....thous. cases \$.	35	34	29			34	*35	25	18	23	32	44	24	25	24	
Frozen.....mil. lb.	22	25	28			25	*28	28	25	24	23	23	21	19	16	
Price, wholesale, large (delivered; Chicago) \$ per doz.	0.690	0.668	0.659	0.668	0.662	0.641	0.602	0.627	0.662	0.649	0.684	0.680	0.662	0.744	0.762	0.779
LIVESTOCK																
Cattle and calves:																
Slaughter (federally inspected):																
Calves.....thous. animals..	2,478	2,729	692			726	*221	204	246	202	194	211	214	262	258	
Cattle.....do.	32,819	33,907	8,770			8,762	*2,893	2,554	2,828	2,615	2,820	2,992	2,736	3,220	3,160	
Prices, wholesale:																
Beef steers (Omaha).....\$ per 100 lb.	63.84	64.30	61.25	58.78	58.91	59.82	59.33	61.20	64.03	67.70	67.51	65.90	62.22	61.27	59.19	59.58
Steers, stocker and feeder (Kansas City).....do.	64.26	62.79	63.55	62.21	61.24	59.17	63.70	66.34	66.71	65.90	63.88	60.41	58.21	59.58	55.81	56.97
Calves, vealers (So. St. Paul).....do.	77.25	77.70	84.60	75.00	75.00	78.40	75.88	75.00	75.50	77.12	76.00	71.00	75.00	75.00	73.38	66.75
Hogs:																
Slaughter (federally inspected).....thous. animals..	87,850	79,328	18,310			20,068	*6,421	5,762	7,339	7,010	6,816	6,928	6,270	7,082	7,268	
Prices:																
Wholesale, average, all weights (Sioux City) \$ per 100 lb.	44.29	55.21	63.12	57.27	53.90	55.23	57.24	57.78	51.37	47.84	47.40	45.73	45.81	49.77	46.05	41.64
Hog-corn price ratio (bu. of corn equal in value to 100 lb. live hog).....	14.9	22.4	28.5	28.2	24.6	23.7	23.4	21.9	18.6	16.0	15.1	14.4	13.9	13.9	*13.3	12.2
Sheep and lambs:																
Slaughter (federally inspected).....thous. animals..	5,789	6,273	1,577			1,634	*509	457	617	508	508	508	497	585	595	
Price, wholesale, lambs, average (Omaha) \$ per 100 lb.	52.23	53.98	50.00	48.25	46.75	48.50	53.50	58.50	59.75	58.75	59.00	53.00	51.12	49.25	48.50	51.75
MEATS																
Total meats (excluding lard):																
Production.....mil. lb.	38,675	37,266	9,165			9,659	*3,151	2,786	3,268	3,038	3,146	3,276	2,985	3,439	3,436	
Stocks, cold storage, end of period.....do.	578	554	474			554	*573	571	581	603	614	591	570	544	535	
Exports (meat and meat preparations).....do.	1,847	1,566	112	133	143	115	114	104	136	133	115	118	121	99	130	
Imports (meat and meat preparations).....do.	1,832	2,015	246	194	124	114	208	177	170	178	187	176	189	181	171	
Beef and veal:																
Production, total.....do.	22,629	22,789	5,837			5,928	*1,961	1,738	1,929	1,758	1,890	1,999	1,838	2,155	2,129	
Stocks, cold storage, end of period.....do.	266	302	254			302	*310	315	306	285	272	261	259	275	277	
Exports.....do.	486	540	42	52	56	43	44	42	55	46	40	44	46	42	58	
Imports.....do.	1,317	1,446	194	146	67	69	153	127	112	123	131	122	134	128	117	
Price, wholesale, beef, fresh, steer carcasses, choice (600-700 lbs.) (Central U.S.).....\$ per lb.	0.998	1.013	0.955	0.930	0.929	0.926	0.939	0.966	1.006	1.078	1.050	1.024	0.977	0.950	0.921	0.912
Lamb and mutton:																
Production, total.....mil. lb.	328	356	88			93	*30	27	36	30	30	29	28	33	33	
Stocks, cold storage, end of period.....do.	11	9	9			9	*8	8	8	8	9	9	8	9	9	
Pork (excluding lard):																
Production, total.....mil. lb.	15,719	14,121	3,240			3,638	*1,159	1,021	1,303	1,250	1,227	1,249	1,119	1,251	1,274	
Stocks, cold storage, end of period.....do.	264	219	183			219	*224	216	235	273	293	280	253	214	209	
Exports.....do.	347	282	16	17	22	19	15	18	21	32	22	22	19	16	16	
Imports.....do.	432	498	44	43	51	40	50	42	49	48	47	46	46	45	45	
Prices, wholesale:																
Hams, smoked #.....Index, 1967=100..	266.5	*306.3	327.5	342.7	342.0	353.2	330.6	324.1	315.2	290.1	281.5	*275.5	268.5	272.2	279.2	281.9
Fresh loins, 8-14 lb. average (N.Y.).....\$ per lb.	1.137	1.277	1.415	1.349	1.232	1.229	1.291	1.369	1.219	1.180	1.162	1.173	1.144	1.156	1.129	1.062
MISCELLANEOUS FOOD PRODUCTS																
Cocoa (cacao) beans:																
Imports (incl. shells).....thous. lg. tons..	245.0	194.2	14.3	14.4	14.4	17.4	46.0	42.7	19.0	3.8	14.4	11.1	9.6	7.2	6.1	
Price, wholesale, Accra (New York).....\$ per lb.	1.085	0.924	0.870	0.880	0.820	0.850	0.910	1.020	0.990	0.960	1.000	1.200	1.100	1.220	1.050	1.108
Coffee (green):																
Inventories (roasters', importers', dealers'), end of period.....thous. bags ◇	(*)															
Roastings (green weight).....do.	(*)															
Imports, total.....do.	16,555	17,416	1,640	2,005	1,356	1,602	1,556	1,332	1,373	1,253	1,502	1,034	1,319	1,230	1,532	
From Brazil.....do.	3,243	3,372	412	445	196	346	384	310	232	259	292	229	246	310	344	
Price, wholesale, Santos, No. 4 (N.Y.).....\$ per lb.	1.594	1.420	1.450	1.450	1.330	1.330	1.330	1.330	1.330	1.415	1.415	1.415	1.415	1.430	1.430	1.430
Confectionery, manufacturers' sales @.....mil. \$.	5,171	5,582	622	583	521	479	(*)									
Fish:																
Stocks, cold storage, end of period.....mil. lb.	350	383	380	379	366	383	347	306	298	285	294	318	369	416	*420	*429

See footnotes at end of tables.

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	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):																
Deliveries and supply (raw basis): \$																
Production and receipts:																
Production.....thous. sh. tons..	5,157	(*)														
Deliveries, total.....do.....	10,922	(*)														
For domestic consumption.....do.....	9,731	(*)														
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.....\$ per lb.....	0.198	(*)														
Refined (excl. excise tax).....do.....	0.303	(*)														
Tea, imports.....thous. lb.....	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																
Leaf:																
Production (crop estimate).....mil. lb.....	'2,064	'1,982														'1,384
Stocks, dealers' and manufacturers', end of period.....mil. lb.....	5,080	5,371	5,034			5,371			5,290			4,990				
Exports, incl. scrap and stems.....thous. lb.....	575,255	562,260	24,805	74,480	92,236	50,528	24,189	38,339	45,958	43,953	33,631	32,728	28,635	36,045	26,430	
Imports, incl. 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	
Manufactured:																
Consumption (withdrawals):																
Cigarettes (small):																
Tax-exempt.....millions.....	92,006	82,078	6,789	6,415	6,766	5,915	6,828	6,091	5,590	4,260	5,828	7,411	4,678	5,980		
Taxable.....do.....	638,114	614,017	56,655	54,068	49,538	33,075	48,686	42,701	54,360	47,466	47,854	60,448	42,985	54,516		
Cigars (large), taxable.....do.....	3,258	3,056	291	259	261	220	229	197	255	216	261	299	211	309		
Exports, cigarettes.....do.....	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:																
Upper and lining leather.....thous. sq. ft.....	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	
Price, producer:																
Sole, bends, light.....index, 1967=100.....	*306.7															
LEATHER MANUFACTURES																
Footwear:																
Production, total.....thous. pairs.....	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		
Shoes, sandals, and play shoes, except athletic.....thous. pairs.....	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		
Slippers.....do.....	74,662	67,704	6,327	6,620	5,911	3,890	5,133	5,138	5,723	4,616	5,176	5,020	3,021	5,811		
Athletic.....do.....	15,976	16,837	1,392	1,580	1,334	1,391	1,537	2,196	1,888	1,683	1,669	1,313	*704	1,176		
Other footwear.....do.....	3,556	4,030	354	394	365	267	433	447	534	561	540	446	346	308		
Exports.....do.....	9,688	7,717	595	649	635	536	497	436	637	553	486	546	520	591	506	
Prices, producer: *																
Men's leather upper, dress and casual.....index, 12/80=100.....	103.1	105.2	106.4	107.0	107.0	104.5	105.2	106.9	106.6	107.0	104.6	*107.6	107.6	107.8	107.9	107.9
Women's leather upper.....index, 1967=100.....	214.4	215.8	220.0	221.8	221.8	221.8	218.5	219.5	220.4	224.3	224.6	*222.6	221.6	221.9	224.4	224.5
Women's plastic upper.....index, 12/80=100.....	99.6	97.9	99.7	99.8	99.8	99.2	99.1	98.8	98.8	99.9	99.9	99.8	100.9	100.6	102.2	102.9

LUMBER AND PRODUCTS

LUMBER—ALL TYPES #																
National Forest Products Association:																
Production, total.....mil. bd. ft.....	*29,592	*26,960	2,445	2,333	2,247	2,004	2,484	2,481	2,682	2,623	2,645	2,718	2,585	2,714		
Hardwoods.....do.....	*6,835	*5,077	393	400	391	337	397	412	394	374	396	444	458	504		
Softwoods.....do.....	22,757	21,883	2,052	1,933	1,856	1,667	2,087	2,069	2,288	2,249	2,249	2,274	2,127	2,210		
Shipments, total.....do.....	*29,491	*27,163	2,260	2,506	2,353	2,162	2,435	2,290	2,632	2,683	2,775	2,764	2,537	2,669		
Hardwoods.....do.....	*6,655	*5,261	396	407	398	360	419	437	435	452	431	452	465	498		
Softwoods.....do.....	22,836	21,902	1,864	2,099	1,955	1,802	2,016	1,853	2,197	2,231	2,344	2,312	2,072	2,171		
Stocks (gross), mill, end of period, total.....do.....	5,927	5,724	6,163	5,986	5,881	5,724	5,770	5,950	5,997	5,924	5,824	5,772	5,817	5,858		
Hardwoods.....do.....	1,945	1,761	1,799	1,789	1,783	1,761	1,735	1,699	1,655	1,564	1,556	1,542	1,532	1,534		
Softwoods.....do.....	3,982	3,963	4,364	4,179	4,098	3,963	4,035	4,251	4,342	4,360	4,268	4,230	4,285	4,324		
Exports, total sawmill products.....do.....																
Imports, total sawmill products.....do.....	9,518	9,421	962	758	916	781	879	933	1,055	885	1,153	1,099	1,048	1,090	1,057	
SOFTWOODS																
Douglas fir:																
Orders, new.....mil. bd. ft.....	6,393	5,976	477	567	568	533	683	505	656	635	714	675	584	543	717	
Orders, unfilled, end of period.....do.....	429	612	502	510	572	612	707	666	698	684	692	648	636	567	639	
Production.....do.....	6,395	5,743	509	487	505	448	642	612	697	682	693	644	613	583	671	
Shipments.....do.....	6,463	5,793	470	559	506	493	588	546	624	649	706	719	596	612	645	
Stocks (gross), mill, end of period.....do.....	844	862	980	908	907	862	916	982	1,055	1,088	1,075	1,000	1,017	988	1,014	
Exports, total sawmill products.....do.....	523	471	31	41	31	39	41	45	51	60	63	50	34	54	35	
Sawed timber.....do.....	129	125	7	8	6	8	11	7	16	17	16	10	9	14	7	
Boards, planks, scantlings, etc.....do.....	394	345	24	33	25	31	30	38	35	43	48	39	25	41	28	
Price, wholesale:																
Dimension, construction, dried, 2" x 4", R.L.....\$ per M bd. ft.....																

See footnotes at end of tables.

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	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.....mil. bd. ft.	'6,128	'6,016	508	607	512	488	590	486	615	571	642	534	546	571		
Orders, unfilled, end of period.....do.	418	438	401	438	435	438	476	486	528	529	556	511	502	487		
Production.....do.	'6,143	'6,186	643	563	513	505	521	515	561	550	584	594	570	598		
Shipments.....do.	'6,129	'5,996	534	570	515	485	552	476	573	570	615	579	555	586		
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 (indexes):																
Boards, No. 2 and better, 1" x 6", R.L.																
1967=100.....																
Flooring, C and better, F. G., 1" x 4", S.L.																
1967=100.....																
Western pine:																
Orders, new.....mil. bd. ft.	7,235	6,880	597	671	650	515	661	568	718	709	781	728	654	717	814	
Orders, unfilled, end of period.....do.	219	324	355	364	363	324	390	389	422	426	439	432	413	409	444	
Production.....do.	7,261	6,681	592	594	587	495	601	636	710	713	722	767	705	784	789	
Shipments.....do.	7,342	6,775	578	662	651	554	595	569	685	705	768	735	673	721	779	
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, 1" x 12", R.L. (6' and over).....\$ per M bd. ft.																
HARDWOOD FLOORING																
Oak:																
Orders, unfilled, end of period.....mil. bd. ft.	2.8	4.8	2.7	2.8	3.4	4.8	6.7	6.4	6.5	6.4	6.5	7.5	6.7	6.8	6.0	7.3
Shipments.....do.	83.1	75.0	7.3	6.7	6.3	6.2	8.0	6.5	8.7	8.5	8.4	9.0	7.1	8.9	8.8	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	8.4	7.3	6.4	6.6	5.4	5.3	4.9	4.8

METALS AND MANUFACTURES

IRON AND STEEL																
Exports:																
Steel mill products.....thous. sh. tons.	2,904	1,842	158	133	109	97	95	92	89	106	101	100	108	100	99	
Scrap.....do.	6,415	6,804	607	434	620	375	625	372	563	564	688	805	562	624	720	
Pig iron.....do.	16	54	18	1	21	(²)	1	(²)	1	1	(²)	2	1	(²)	1	
Imports:																
Steel mill products.....do.	19,898	'16,663	1,191	1,146	1,258	1,090	1,098	1,158	1,113	1,182	1,353	1,297	1,411	1,617	1,512	
Scrap.....do.	'562	474	37	35	38	27	35	29	78	58	63	71	58	42	44	
Pig iron.....do.	433	322	14	41	11	13	5	7	1	1	25	39	3	5	16	
Iron and Steel Scrap																
Production.....thous. sh. tons.	'43,260	27,127	2,078	1,975	1,924	1,687	1,832	1,877	2,395	2,247	2,376	2,286	'2,181	2,607		
Receipts, net.....do.	'41,981	'27,520	2,106	2,134	1,773	1,855	2,223	2,488	2,913	2,723	2,817	2,859	'2,529	2,369		
Consumption.....do.	'85,097	'56,386	4,357	4,226	3,757	3,611	4,257	4,396	5,157	5,029	5,233	5,098	4,762	5,001		
Stocks, end of period.....do.	8,118	6,418	6,954	6,628	6,479	6,421	6,143	6,069	6,117	5,969	5,905	5,920	6,000	6,017		
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	73.13	72.69
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	83.50	82.50
Ore																
Iron ore (operations in all U.S. districts):																
Mine production.....thous. lg. tons.	'73,174	'35,433	744	1,470	1,728	2,365	2,463	1,970	2,314	3,165	3,991	4,260	4,034	4,034		
Shipments from mines.....do.	'72,181	'35,756	3,943	3,161	3,065	1,569	395	622	477	2,876	5,323	5,592	5,986	5,542		
Imports.....do.	28,328	'14,501	1,424	1,395	898	826	463	320	206	567	1,245	1,411	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	7,346	6,209	5,462	
Consumption at iron and steel plants.....do.	94,958	55,233	4,249	4,192	3,664	3,565	3,882	3,978	5,201	5,406	5,560	5,267	5,449	5,272	5,171	
Exports (domestic).....do.	5,546	3,178	501	339	486	235	(²)	2	(²)	1	1	(²)	(²)	1	(²)	
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		
At furnace yards.....do.	36,203	29,923	31,326	31,501	30,953	29,923	26,896	22,904	18,909	17,292	18,534	20,508	22,332	22,187		
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.	775	477	14	25	32	15	61	29	37	20	38	45	50	28	46	
Pig Iron and Iron Products																
Pig iron:																
Production (including production of ferroalloys).....thous. sh. tons.	'73,570	'43,136	3,160	3,077	2,648	2,712	3,192	3,264	4,206	4,333	4,376	4,090	4,213	4,245	4,159	
Consumption.....do.	'75,040	'44,409	3,261	3,201	2,837	2,883	3,266	3,175	4,260	4,336	4,480	4,214	4,303			
Stocks, end of period.....do.	859	580	681	649	603	580	659	641	627	625	637	589	591			
Price, basic furnace.....\$ per sh. ton.	206.00		213.00													
Castings, gray and ductile iron:																
Orders, unfilled, for sale, end of period.....thous. sh. tons.	736	536	575	505	521	536	570	586	551	545	548	572	'609	632		
Shipments, total.....do.	11,801	8,222	631	618	584	450	625	662	813	759	818	810	'707	870		
For sale.....do.	6,587	4,681	369	351	334	266	366	377	452	446	484	477	'417	527		
Castings, malleable iron:																
Orders, unfilled, for sale, end of period.....thous. sh. tons.	32	14	15	13	13	14	17	16	19	23	15	16	'19	23		
Shipments, total.....do.	422	285	22	19	18	18	21	23	27	24	25	24	19	23		
For sale.....do.	200	120	8	7	7	6	7	2	9	8	9	7	5	8		

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METALS AND MANUFACTURES—Continued																
Steel, Raw and Semifinished																
Steel (raw):																
Production..... thous. sh. tons..	120,828	174,577	5,299	5,262	4,546	4,456	5,570	5,676	7,127	7,292	7,412	6,993	6,921	7,020	7,134	
Rate of capability utilization..... percent..	78.3	48.4	41.9	40.2	35.9	34.0	43.4	49.0	55.5	58.9	57.9	56.5	54.3	55.1	57.8	
Steel castings:																
Orders, unfilled, for sale, end of period																
Shipments, total..... thous. sh. tons..	373	161	213	181	172	161	162	157	165	152	157	159	156	145		
For sale, total..... do.....	1,743	1,023	68	63	56	45	53	53	62	57	63	62	52	59		
	1,558	926	62	56	50	39	48	47	56	50	57	57	48	55		
Steel Mill Products																
Steel products, net shipments:																
Total (all grades)..... thous. sh. tons..	87,014	59,783	4,760	4,309	4,088	4,234	4,583	4,588	5,969	5,399	5,612	5,986	5,045	5,789	5,893	
By product:																
Semifinished products..... do.....	5,598	3,408	283	291	260	255	229	278	297	298	327	360	296	307	378	
Structural shapes (heavy), steel piling..... do.....	4,903	3,424	280	321	237	210	237	239	206	240	271	307	256	268	326	
Plates..... do.....	7,397	4,136	269	261	260	260	254	251	341	305	304	326	280	320	338	
Rails and accessories..... do.....	1,458	782	44	36	49	51	42	55	81	78	70	70	67	82	86	
Bars and tool steel, total..... do.....	13,828	9,440	746	715	639	615	756	756	1,078	892	980	996	828	1,047	1,016	
Bars: Hot rolled (incl. light shapes)..... do.....	17,770	14,857	347	238	280	312	415	366	588	446	526	522	402	563	571	
Bars: Reinforcing..... do.....	4,371	3,526	322	323	293	241	253	232	422	350	355	371	340	381	337	
Bars: Cold finished..... do.....	1,620	1,013	73	68	64	59	85	75	94	92	96	100	83	99	104	
Pipe and tubing..... do.....	10,286	5,026	228	220	224	220	232	224	283	252	262	273	240	273	290	
Wire and wire products..... do.....	1,694	1,332	113	108	89	83	98	99	131	124	122	130	111	115	119	
Tin mill products..... do.....	4,927	4,321	502	251	266	294	380	321	406	369	372	379	328	371	351	
Sheets and strip (incl. electrical), total..... do.....	36,924	27,914	2,295	2,189	2,063	2,247	2,355	2,366	3,045	2,841	2,905	3,144	2,640	3,005	2,989	
Sheets: Hot rolled..... do.....	13,451	9,052	665	657	637	656	769	797	1,000	958	982	1,086	881	1,001	984	
Sheets: Cold rolled..... do.....	14,396	11,132	915	878	832	974	941	940	1,239	1,126	1,145	1,222	1,003	1,181	1,166	
By market (quarterly):																
Service centers and distributors..... do.....	17,637	12,972	3,099			3,029			3,539			3,915			3,878	
Construction, incl. maintenance..... do.....	8,446	6,260	1,568			1,379			1,370			1,344			1,613	
Contractors' products..... do.....	3,230	2,290	548			543			634			659			628	
Automotive..... do.....	13,154	9,295	2,311			2,036			2,453			3,024			3,004	
Rail transportation..... do.....	2,162	1,030	183			159			203			245			240	
Machinery, industrial equip., tools..... do.....	4,624	2,582	491			446			538			594			558	
Containers, packaging, ship. materials..... do.....	5,292	4,471	1,252			837			1,133			1,183			1,136	
Other..... do.....	32,469	20,883	4,546			4,201			5,270			5,732			5,671	
Steel mill shapes and forms, inventories, end of period—total for the specified sectors:																
mil. sh. tons..	30.0	22.2	24.8	24.0	23.0	22.2	22.1	21.9	21.9	22.3	23.3	23.2	23.8	24.2		
Producing mills, inventory, end of period:																
Steel in process..... mil. sh. tons..	11.3	8.1	9.6	9.3	8.6	8.1	8.1	7.9	7.8	7.8	8.0	7.8	8.0	8.0		
Finished steel..... do.....	7.4	5.3	6.0	5.8	5.6	5.3	5.1	5.3	5.2	5.4	5.6	5.5	5.7	5.8		
Service centers (warehouses), inventory, end of period..... mil. sh. tons..	5.4	4.7	4.8	4.7	4.7	4.7	4.7	4.7	4.8	4.7	5.1	5.1	5.3	5.4		
Consumers (manufacturers only):																
Inventory, end of period..... do.....	5.9	4.1	4.4	4.2	4.1	4.0	4.2	4.0	4.1	4.4	4.6	4.7	4.8	4.9		
Receipts during period..... do.....	71.7	54.9	4.5	4.7	3.8	3.4	4.2	4.0	4.9	4.7	4.6	4.5	3.8	4.2		
Consumption during period..... do.....	72.4	56.7	4.7	4.4	3.9	3.4	4.1	4.2	4.8	4.4	4.4	4.4	3.7	4.1		
NONFERROUS METALS AND PRODUCTS																
Aluminum:																
Production, primary (dom. and foreign ores)..... thous. sh. tons..	4,948	3,609	271	275	266	275	279	246	273	270	292	288	313	327		
Recovery from scrap..... do.....	1,973	1,836	158	158	144	138	145	141	157	154	153	159	144	156		
Imports (general):																
Metal and alloys, crude..... do.....	1710.7	1679.4	52.8	52.7	60.1	47.8	53.1	47.0	36.6	73.7	93.3	91.4	79.5	72.4	62.4	
Plates, sheets, bars, etc..... do.....	142.5	214.3	16.9	18.9	18.2	17.5	22.1	21.7	24.1	21.8	25.1	21.6	23.7	22.8	22.3	
Exports:																
Metal and alloys, crude..... do.....	344.2	401.2	23.6	59.5	42.1	27.3	56.1	13.4	15.4	51.2	9.0	16.4	40.9	36.6	45.8	
Plates, sheets, bars, etc..... do.....	281.9	209.0	22.0	20.4	12.1	12.6	13.9	13.2	20.6	15.9	13.6	14.0	13.4	14.6	15.9	
Price, primary ingot, 99.5% minimum.... \$ per lb..	0.7600	0.7600	0.7600	0.7600	0.7600	0.7600	0.7600	0.7600	0.7600	0.7600	0.7600	0.7600	0.7600	0.7600	0.7898	0.8100
Aluminum products:																
Shipments:																
Ingot and mill prod. (net ship.)..... mil. lb..	13,237	11,960	1,014	1,059	943	1,108	908	928	1,154	1,046	1,198	1,113	1,053			
Mill products, total..... do.....	10,328	9,108	781	727	719	679	772	753	946	865	1,003	924	917			
Sheet and plate..... do.....	5,978	5,329	465	417	419	390	461	434	547	503	622	573	626			
Castings..... do.....	1,581	1,306	108	101	98	85	105	112	135	117	133	136	104			
Inventories, total (ingot, mill products, and scrap), end of period..... mil. lb..	6,607	6,200	6,434	6,431	6,391	6,200	6,158	6,093	5,892	5,744	5,579	5,439	5,469			
Copper:																
Production:																
Mine, recoverable copper..... thous. met. tons..	1,538.2	1,135.1	75.3	86.5	89.4	81.0	90.7	78.2	92.0	89.0	96.7	89.9	80.7	83.1		
Refinery, primary..... do.....	1,544.0	1,227.1	94.7	95.0	114.2	102.8	94.4	96.0	120.9	114.2	116.1	138.3	74.3	84.4		
From domestic ores..... do.....	1,430.2	1,064.8	75.6	80.1	98.1	85.4	76.5	77.1	105.1	94.1	97.1	119.4	66.3	75.3		
From foreign ores..... do.....	113.8	162.2	19.0	14.9	16.1	17.5	17.8	18.9	15.8	20.1	19.1	18.9	8.0	9.1		
Secondary, recovered as refined..... do.....	631.9	570.2	60.7	53.4	56.8	44.6										
Imports (general):																
Refined, unrefined, scrap (copper cont.)..... do.....	502.5	518.7	48.2	56.2	42.3	39.7	50.6	42.6	65.5	94.7	73.9	74.4	68.2	76.0	41.6	
Refined..... do.....	359.3	259.8	29.9	27.6	26.2	21.9	34.0	27.0	44.1	71.6	45.0	54.0	50.8	49.6	28.1	
Exports:																
Refined and scrap..... do.....	340.6	381.1	36.6	40.2	34.3	22.8	33.4	14.5	19.6	23.0	21.4	21.3	30.9	35.6	13.7	
Refined..... do.....	28.1	35.0	9.9	8.6	0.8	1.1	13.4	0.7	1.5	2.0	3.2	2.9	18.1	13.4	4.1	
Consumption, refined (by mills, etc.)..... thous. sh. tons..	2,045	1,790	407			390										
Stocks, refined, end of period..... do.....	511	668	592			668										
Price, electrolytic (wirebars), dom., delivered \$ per lb..	0.8512	0.7431	0.7106	0.7241	0.7297	0.7423	0.8022	0.8402	0.8207	0.8349	0.8563	0.8184	0.8295	0.8054	0.7759	

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METALS AND MANUFACTURES—Continued																
NONFERROUS METALS AND PRODUCTS—Continued																
Copper-base mill and foundry products, shipments (quarterly total):																
Brass mill products..... mil. lb.	2,622	2,014	497			425										
Copper wire mill products (copper cont.)..... do....	2,847	2,393	575			530										
Brass and bronze foundry products..... do....	471	405	90			94										
Lead:																
Production:																
Mine, recoverable lead..... thous. met. tons.	445.5	515.9	41.7	45.0	42.1	45.4	44.7	39.4	37.2	36.6	35.7	28.3	35.1	43.0		
Recovered from scrap (lead cont.)..... do....	1,641.1	528.8	41.9	44.6	41.9	41.5	41.3	37.4	41.0	41.3	42.5	37.3	37.2	39.6		
Imports (general), ore (lead cont.), metal..... do....	68.7	50.1	2.3	8.2	1.9	2.4	2.1	8.1	2.4	6.3	6.5	4.2	3.5	6.0	2.1	
Consumption, total..... do....	1,167.1	1,066.2	87.9	95.3	83.2	83.1	82.3	70.9	80.4	83.1	81.9	90.6	79.8	94.6		
Stocks, end of period:																
Producers', ore, base bullion, and in process (lead content), ABMS..... thous. met. tons.	83.3	75.0	75.1	76.6	75.9	75.0	75.3	73.6	65.3	59.0	59.5	64.5	65.4	68.5	71.5	
Refiners' (primary), refined and antimonial (lead content)..... thous. met. tons.	79.5	73.5	66.6	69.0	73.6	73.5	78.1	85.6	80.4	83.5	93.7	89.4	86.5	75.5		
Consumers' (lead content)..... do....	123.2	77.4	84.2	79.4	77.4	77.4	80.0	78.3	79.0	77.5	72.5	86.5	72.9	62.5		
Scrap (lead-base, purchased), all smelters (gross weight)..... thous. met. tons.	58.8	33.5	31.6	30.6	37.1	33.5	27.9	25.9	21.6	23.6	20.0	21.3	25.2	27.4		
Price, common grade, delivered..... \$ per lb.	0.3653	0.2554	0.2532	0.2319	0.2161	0.2047	0.2203	0.2112	0.2073	0.2117	0.2022	0.1941	0.1932	0.1946		
Tin:																
Imports (for consumption):																
Ore (tin content)..... metric tons.	232	1,931	194	289	88	277	173	51	34	45	3	51	122		45	
Metal, unwrought, unalloyed..... do....	45,874	27,939	1,697	2,409	2,233	2,100	3,434	1,867	2,365	3,578	2,845	2,778	2,056	2,757	3,325	
Recovery from scrap, total (tin cont.)..... do....	15,438	12,372	996	1,019	1,008	1,000	886	914	971	1,008	954	1,118	986			
As metal..... do....	1,587	1,641	121	164	192	130	116	114	176	197	171	207	188			
Consumption, total..... do....	54,373	53,450	4,700	4,600	4,500	4,400	4,700	4,900	4,700	4,700	4,700	4,800	4,300	4,600		
Primary..... do....	40,229	38,700	3,400	3,300	3,200	3,100	3,200	3,400	3,600	3,500	3,500	3,500	3,100	3,400		
Exports, incl. reexports (metal)..... do....	6,081	19,357	175	249	241	256	368	382	298	221	235	311	298	375	226	
Stocks, pig (industrial), end of period..... do....	5,988	3,152	2,940	2,970	3,437	3,152	4,609	3,513	3,815	4,026	3,527	3,634	3,931	4,091		
Price, Straits quality (delivered)..... \$ per lb.	7.3305	6.5392	6.3904	6.2475	6.1347	6.1434	6.2443	6.5070	6.6772	6.8759	6.6710	6.6707	6.5968	6.4838		
Zinc:																
Mine prod., recoverable zinc..... thous. met. tons.	312.4	1,300.3	25.9	27.6	25.7	23.1	25.0	22.9	25.5	22.9	22.3	21.0	20.0	23.9		
Imports (general):																
Ores (zinc content)..... do....	117.7	49.3	3.9	9.1	2.3	3.6	3.7	2.1	2.5	2.4	6.6	5.6	14.2	7.1	1.1	
Metal (slab, blocks)..... do....	1,611.9	1,456.1	34.9	49.1	61.5	41.0	35.9	25.4	42.6	51.2	60.4	54.0	43.0	50.7	60.4	
Consumption (recoverable zinc content):																
Ores..... do....	160.6	53.1	3.6	4.0	4.7	4.7	4.7	3.8	5.2	5.1	4.9	4.4	4.4	3.3		
Scrap, all types..... do....	1,288.7	208.1	17.9	17.6	17.1	16.8	17.2	16.7	14.4	14.6	14.4	13.5	13.4	16.9		
Slab zinc: @																
Production, total †..... thous. met. tons.	1,376.8	1,302.5	24.1	24.8	18.7	18.1	18.2	20.7	22.7	22.4	23.5	21.8	16.0	23.2	22.7	21.1
Consumption, fabricators..... do....	1,840.9	1,709.5	61.4	60.8	53.7	50.8	61.8	59.9	68.8	66.7	64.1	65.7	55.8	63.2		
Exports..... do....	0.3	0.3	(²)	(²)	(²)	0.1	1.4	(²)	(²)	(²)	0.1	(²)	(²)	(²)		
Stocks, end of period:																
Producers', at smelter (ABMS)..... do....	44.7	28.2	15.9	19.9	21.5	24.6	21.9	22.1	19.4	17.9	19.2	20.4	20.1	13.6	9.6	14.5
Consumers'..... do....	81.9	77.6	56.1	56.0	62.2	62.0	69.7	65.8	70.4	73.4	75.6	70.9	68.1	71.5		
Price, Prime Western..... \$ per lb.	0.4456	0.3847	0.3964	0.4083	0.4039	0.3846	0.3860	0.3806	0.3790	0.3800	0.3811	0.3946	0.4001	0.4056	0.4298	
MACHINERY AND EQUIPMENT																
Heating, combustion, atmosphere equipment, new orders (domestic), net, qtrly \$..... mil. \$.	470.0	1,296.9	53.8			60.6			70.3			60.5				
Electric processing heating equipment..... do....	106.9	65.4	18.1			9.6			24.4			19.2				
Fuel-fired processing heating equip..... do....	225.4	128.2	14.4			25.9			19.7			10.0				
Material handling equipment (industrial):																
Orders (new), index, seas. adj. 1967=100.....	382.0	249.2	266.0	188.4	206.0	150.7	215.8	194.2	222.7	246.9	248.9	283.6	344.3			
Industrial trucks (electric), shipments:																
Hand (motorized)..... number..	18,734	13,988	1,160	1,220	1,299											
Rider-type..... do....	19,784	14,859	1,312	1,113	1,379											
Industrial trucks and tractors (internal combustion engines), shipments..... number..	31,885	18,553	1,484	1,312	1,447											
Industrial supplies, machinery and equipment:																
New orders index, seas. adjusted..... 1977=100.....	123.4	94.6	92.1	87.8	84.1	83.6	84.7	83.9	85.9	88.2	91.6	100.4	103.1	104.1	105.0	
Industrial suppliers distribution: †																
Sales index, seas. adjusted..... 1977=100.....	142.3	120.9	115.9	109.8	106.8	100.7	103.5	104.2	107.6	113.5	112.0	111.6	112.2	121.0	121.6	
Inflation index, not seas. adj. (tools, material handling equip., valves, fittings, abrasives, fasteners, metal products, etc.)..... 1977=100.....	144.3	153.1	154.0	153.7	153.5	153.7	153.9	154.6	154.8	155.1	155.1	155.3	155.1			
Fluid power products shipments indexes:																
Hydraulic products, seas. adj. 1972=100.....	279	208	178	170	166	143	169	168	178	180	192	197	197	208		
Pneumatic products, seas. adj..... do....	249	202	191	172	184	174	182	183	190	185	194	198	193	207		
Machine tools:																
Metal cutting type tools:																
Orders, new (net), total..... mil. \$.	2,228.10	1,064.45	52.60	72.85	62.75	85.80	57.05	77.40	89.65	79.25	93.60	96.45	128.75	191.00		
Domestic..... do....	1,945.80	889.60	47.20	59.10	47.45	84.20	51.35	69.55	84.95	73.65	88.20	88.45	124.65	182.65		
Shipments, total..... do....	4,104.50	2,894.75	224.40	150.60	155.70	204.30	107.40	128.80	134.40	112.95	98.80	145.75	75.40	182.85		
Domestic..... do....	3,552.45	2,598.60	192.65	132.30	134.80	184.20	93.40	116.70	119.70	100.55	88.60	119.05	61.90	172.75		
Order backlog, end of period..... do....	2,873.3	1,043.0	1,332.2	1,254.4	1,161.5	1,043.0	992.6	941.2	896.5	862.8	857.6	808.3	861.6	1869.8		
Metal forming type tools:																
Orders, new (net), total..... do....	716.75	433.30	34.30	46.35	25.45	35.15	34.80	20.10	35.85	39.30	41.70	48.80	46.35	146.25		
Domestic..... do....	616.85	371.75	30.20	42.55	21.90	33.50	28.95	18.70	32.50	37.40	37.90	41.10	42.00	142.00		
Shipments, total..... do....	991.10	709.65	51.45	50.10	37.80	59.85	45.45	29.55	41.85	37.85	37.05	37.25	36.95	130.15		
Domestic..... do....	824.20	599.75	45.95	42.25	33.70	41.50	38.05	26.55	36.40	35.00	35.05	33.10	33.95	128.90		
Order backlog, end of period..... do....	427.0	150.6	191.4	187.6	175.3	150.6	140.0	130.5	124.5	126.0	130.6	142.2	151.6	1167.6		

See footnotes at end of tables.

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	1981	1982	1982				1983									
	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
METALS AND MANUFACTURES—Continued																
MACHINERY AND EQUIPMENT—Continued																
Tractors used in construction, shipments, qtrly:																
Tracklaying, total	units.. 15,789	7,053	861	378	365	208	(*)	(*)	234	(*)	784	727	*556	475		
mil. \$..	1,569.9	793.5	109.2	43.6	22.6	16.0	(*)	(*)	16.0	(*)	69.3	66.5	*48.8	33.9		
Wheel (contractors' off-highway)	units.. 4,309	2,443	714			405			251			383				
mil. \$..	410.9	222.2	67.2			30.7			15.4			35.8				
Tractor shovel loaders (integral units only), wheel and tracklaying types	units.. 33,369	24,128	5,403			5,057			(*)			(*)				
mil. \$..	1,605.5	1,022.3	248.6			173.2			(*)			(*)				
Tractors, wheel, farm, nonfarm (ex. garden and construction types), ship., qtrly	units.. 141,170	80,785	6,856	8,692	4,796	7,118	4,897	4,578	5,092	6,626	8,673	8,489	*5,412	5,738		
mil. \$..	3,479.3	2,491.6	229.7	288.4	145.5	249.5	157.4	220.3	161.4	221.9	314.5	*307.7	*214.8	142.8		
ELECTRICAL EQUIPMENT																
Batteries (auto-type replacement), ship.	thous.. 53,598	54,214	5,819	5,660	5,237	5,280	3,708	3,070	3,730	3,509	3,720	4,032	3,914	5,100	6,373	
Radio sets, production, total market	thous.. 31,476	31,782	*3,624	3,490	3,221	*2,364	2,159	2,137	*2,789	2,266	2,636	*2,638	3,095	3,315	3,218	
Television sets (incl. combination models), production, total market	thous.. 18,480	16,405	*1,619	1,106	1,161	*1,229	1,151	1,298	*1,561	1,282	1,313	*1,938	1,517	1,610	2,303	2,050
Household major appliances (electrical), factory shipments (domestic and export) #	thous.. 30,482	26,683	*2,079	2,350	2,117	1,892	2,179	2,158	2,744	2,507	2,597	2,897	2,672	3,081	2,978	
Air conditioners (room)	do.. 3,692	2,761	17	31	71	84	89	130	309	259	300	265	306	108	58	
Dishwashers	do.. 2,484	2,170	167	218	206	178	213	197	248	214	259	276	196	340	291	
Disposers (food waste)	do.. 3,179	2,781	*240	339	260	238	264	294	309	313	249	298	280	316	322	
Ranges	do.. 2,328	2,035	*169	202	195	175	190	183	232	200	252	248	197	269	250	
Refrigerators	do.. 4,944	4,364	381	401	310	262	363	336	403	361	463	520	505	580	556	
Freezers	do.. 1,605	1,340	109	80	80	73	103	97	117	111	112	136	141	128	113	
Washers	do.. 4,365	4,019	360	347	319	252	364	353	420	352	416	399	322	470	438	
Dryers (incl. gas)	do.. 2,977	2,728	245	261	251	193	260	251	283	236	282	264	206	317	309	
Vacuum cleaners (qtrly.)	do.. 7,785	7,536	2,136			1,812			2,082			1,799			2,214	
GAS EQUIPMENT (RESIDENTIAL)																
Furnaces, gravity and forced-air, shipments	thous.. 1,417	1,156	126	140	127	138	129	120	119	112	101	108	113	146	176	
Ranges, total, sales	do.. 1,496	1,368	133	113	114	126	108	112	134	127	129	154	104	128	154	
Water heaters (storage), automatic, sales @	do.. 2,785	3,041	232	260	236	257	274	274	288	301	259	265	238	248	239	

PETROLEUM, COAL, AND PRODUCTS

COAL																
Anthracite:																
Production	thous. sh. tons.. 5,423	*4,588	*348	*375	*373	*410	253	230	333	*269	*277	*332	358	449	433	
Exports	do.. 2,249	980	77	121	107	43	5	2	30	28	66	38	79	115	117	
Price, wholesale *	Index, 1967=100.. 582.2	640.3	637.4	637.4	638.0	638.0	636.0	635.9	634.2	621.7	603.1	605.1	613.3	610.4	610.4	610.4
Bituminous:																
Production †	thous. sh. tons.. 818,352	*833,523	*67,603	*70,477	*63,682	*62,726	61,850	60,257	68,128	*60,361	*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	104,372	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.. 60,888	40,859	2,922	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.. 1179,607	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	*530.8	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			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 ‡	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	*40,306	3,363	*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.. 4,654.2	4,442.6	376.7	376.8	364.4	368.8	354.1	308.0	344.7	349.9	373.9	378.2	390.5	382.0		
Refinery operating ratio	% of capacity.. 69	70	74	71	71	70	68	65	66	69	72	75	75	74		
All oils, supply, demand, and stocks: ‡																
New supply, total ◇	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	do.. 3,128.6	3,156.7	261.0	269.7	260.9	266.5	267.7	242.5	269.0	260.6	269.2	260.3	268.0	268.2		
Natural gas plant liquids	do.. 605.5	585.1	47.3	49.5	49.9	52.0	53.4	45.9	49.0	46.3	48.0	47.6	49.3	49.7		
Imports:																
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:																
Crude petroleum	do.. 83.2	86.3	5.5	8.4	7.9	6.0	3.6	7.3	5.4	2.6	8.7	4.3	4.5	5.3		
Refined products	do.. 133.9	211.2	18.2	20.5	15.7	20.7	26.5	16.9	19.4	21.6	17.6	18.9	13.2	15.2		

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	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
PETROLEUM, COAL, AND PRODUCTS—Continued																
PETROLEUM AND PRODUCTS—Continued																
All oils, supply, demand, and stocks †—Continued																
Domestic product demand, total #	do.	5,861.1	5,582.9	450.7	460.6	450.3	480.1	457.7	413.6	480.0	443.4	441.8	458.4	462.3	476.3	
Gasoline	do.	2,415.6	2,396.1	196.9	198.8	197.6	203.6	185.8	169.4	212.8	195.8	203.5	211.1	211.0	216.2	
Kerosene	do.	46.3	47.0	3.2	4.4	4.2	5.8	5.6	4.3	3.9	3.9	2.9	2.3	2.6	3.0	
Distillate fuel oil	do.	1,032.5	974.9	75.2	80.0	74.2	88.5	85.6	79.3	89.9	81.4	72.6	75.8	69.7	76.5	
Residual fuel oil	do.	762.0	626.5	44.1	46.2	47.7	49.6	48.8	43.9	48.7	40.9	40.6	39.5	40.5	42.2	
Jet fuel	do.	367.7	369.6	31.0	29.8	31.6	32.7	29.3	29.4	31.6	31.6	31.2	32.1	32.1	33.4	
Lubricants	do.	56.0	51.0	4.5	4.1	4.8	3.5	3.3	3.5	4.8	4.2	4.7	4.6	4.4	4.6	
Asphalt	do.	124.0	124.4	15.3	15.2	8.9	5.6	*3.7	3.8	6.2	7.8	12.8	17.2	17.7	20.3	
Liquefied gases	do.	535.0	547.3	43.9	44.0	47.5	50.9	64.7	45.8	40.8	37.0	33.9	35.1	39.8	38.0	
Stocks, end of period, total	do.	1,483.6	1,429.9	1,414.0	1,432.4	1,455.2	1,429.9	1,452.8	1,431.9	1,375.4	1,375.7	1,397.1	1,409.3	1,434.2	1,467.4	
Crude petroleum	do.	593.8	643.6	618.6	635.6	647.5	643.6	661.5	672.2	670.4	683.6	681.4	686.3	682.7	706.9	
Strategic petroleum reserve	do.	230.3	293.8	277.9	284.6	290.0	293.8	300.6	306.1	311.8	317.7	326.8	332.5	340.7	351.8	
Unfinished oils, natural gasoline, etc	do.	177.3	158.1	173.9	167.2	165.4	158.1	165.6	165.9	166.1	166.4	164.6	165.4	164.0	170.1	
Refined products	do.	712.5	628.3	621.5	629.7	642.3	628.3	625.7	593.8	539.0	525.7	551.1	557.5	587.6	590.4	
Refined petroleum products: ‡																
Gasoline (incl. aviation):																
Production	mil. bbl.	2,349.4	2,322.1	196.5	194.9	188.9	203.2	187.3	164.3	183.4	186.7	198.7	200.3	208.8	203.8	
Stocks, end of period	do.	206.2	196.8	193.3	194.6	191.9	196.8	210.9	209.9	186.2	185.3	189.3	185.8	194.2	187.4	
Prices (excl. aviation):																
Wholesale, regular	Index, 2/73=100.	666.0	612.5	628.4	617.2	608.7	598.5	576.7	551.4	533.5	515.3	537.2	*559.5	567.9	572.5	567.6
Retail, regular grade (Lundberg/Platt's):																
Leaded	\$ per gal.	(¹)														
Unleaded *	do.	(¹)														
Aviation gasoline:																
Production	mil. bbl.	11.5	8.9	0.7	0.8	0.7	0.4	0.7	0.5	0.6	0.7	0.7	0.9	0.9	1.0	
Stocks, end of period	do.	2.7	2.3	2.2	2.2	2.5	2.3	2.6	2.5	2.5	2.4	2.4	2.5	2.4	2.6	
Kerosene:																
Production	do.	43.6	42.0	3.4	4.0	4.3	4.4	4.1	3.8	3.9	2.7	2.7	2.2	2.5	2.6	
Stocks, end of period	do.	11.0	10.4	9.8	10.2	11.3	10.4	9.4	8.8	8.9	8.3	8.2	8.0	8.5	8.3	
Price, wholesale (light distillate)	Index, 1967=100.	1,039.8	996.4	976.3	969.7	985.9	992.1	975.2	959.4	939.2	908.4	897.1	*894.3	881.8	879.7	888.3
Distillate fuel oil:																
Production	mil. bbl.	953.8	951.3	79.7	88.0	85.8	82.3	71.7	59.8	61.7	65.1	75.8	76.4	80.6	81.0	
Imports	do.	63.1	34.0	1.8	2.8	4.4	3.4	1.8	1.6	1.3	2.2	4.4	5.3	8.0	9.3	
Stocks, end of period	do.	191.5	178.6	161.2	170.1	185.6	178.6	168.2	147.7	118.7	103.2	109.2	113.8	131.0	143.5	
Price, wholesale (middle distillate)	Index, 1967=100.	1,058.1	1,012.7	998.8	999.2	1,041.5	1,054.5	985.3	927.4	874.2	813.4	838.1	*879.4	875.5	882.2	893.5
Residual fuel oil:																
Production	mil. bbl.	482.1	390.4	30.3	29.6	29.7	30.6	29.0	24.0	25.8	28.2	28.8	24.9	23.9	21.9	
Imports	do.	292.1	283.1	26.2	24.3	25.1	23.2	21.4	17.7	21.3	22.3	22.0	20.3	21.2	21.9	
Stocks, end of period	do.	78.0	66.2	61.8	63.6	66.4	66.2	60.7	53.1	46.3	46.6	50.9	50.1	51.9	48.3	
Price, wholesale	Index, 1967=100.	1,239.0	1,182.0	1,120.7	1,129.0	1,139.3	1,144.0	1,056.6	1,034.1	987.5	1,015.7	987.7	*1,034.2	1,122.4	1,151.5	1,174.9
Jet fuel:																
Production	mil. bbl.	353.2	357.0	29.3	30.4	30.5	29.4	31.2	28.2	30.3	29.4	31.2	31.3	31.9	31.4	
Stocks, end of period	do.	41.1	36.8	39.6	40.8	40.6	36.8	41.7	40.5	42.2	40.2	41.3	41.3	41.7	40.2	
Lubricants:																
Production	do.	60.6	51.6	3.9	4.4	4.4	3.6	4.2	3.7	4.0	4.2	4.5	4.4	4.6	4.7	
Stocks, end of period	do.	14.3	12.5	12.6	12.6	12.6	12.5	14.0	14.1	13.1	12.7	12.1	11.7	11.6	11.4	
Asphalt:																
Production	do.	123.5	119.4	12.4	13.7	9.7	7.5	*6.4	5.9	8.4	10.7	12.3	14.9	15.1	16.2	
Stocks, end of period	do.	19.6	15.9	14.5	13.1	14.1	15.9	*19.9	22.1	24.4	27.3	27.0	25.1	22.9	19.2	
Liquefied gases (incl. ethane and ethylene):																
Production, total	do.	573.4	557.5	46.1	47.0	46.3	49.0	51.5	43.7	47.0	45.9	47.9	47.8	48.7	46.7	
At gas processing plants (L.P.G.)	do.	458.6	459.0	36.9	39.0	38.5	40.5	43.0	36.1	37.9	36.2	37.9	37.0	37.6	36.1	
At refineries (L.R.G.)	do.	114.8	98.5	9.3	8.0	7.8	8.4	8.5	7.6	9.1	9.7	10.0	10.8	11.1	10.6	
Stocks (at plants and refineries)	do.	134.7	94.0	110.1	107.1	101.9	94.0	83.6	81.2	82.8	86.0	96.1	106.1	112.5	118.2	

PULP, PAPER, AND PAPER PRODUCTS

PULPWOOD AND WASTE PAPER																
Pulpwood:																
Receipts	thous. cords (128 cu.ft.)	*78,929	(²)													
Consumption	do.	*79,725	(²)													
Stocks, end of period	do.	6,250	(²)													
Waste paper:																
Consumption	thous. sh. tons.	*13,083	(²)													
Stocks, end of period	do.	1,081	(²)													
WOODPULP																
Production:																
Total, all grades #	thous. sh. tons.	*53,413	(²)													
Dissolving and special alpha	do.	1,356	(²)													
Sulfate	do.	38,669	(²)													
Sulfite	do.	1,795	(²)													
Groundwood	do.	5,703	(²)													
Semichemical	do.	3,754	(²)													
Stocks, end of period:																
Total, all mills	do.	1,081	(²)													
Pulp mills	do.	540	(²)													
Paper and board mills	do.	486	(²)													
Nonpaper mills	do.	54	(²)													
Exports, all grades, total	do.	*3,678		298	237	247	285	234	271	332	346	312	324	289	289	328
Dissolving and special alpha	do.	784		52	50	55	51	59	30	58	78	40	50	31	60	30
All other	do.	*2,894		246	186	192	234	174	240	274	267	272	274	258	229	298
Imports, all grades, total	do.	*4,086		541	303	375	264	309	265	338	301	378	357	327	350	332
Dissolving and special alpha	do.	201		8	18	18	8	23	9	20	11	23	12	20	9	11
All other	do.	*3,885		533	285	357	256	286	257	318	289	355	345	307	341	321

See footnotes at end of tables.

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	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
PULP, PAPER, AND PAPER PRODUCTS—Continued																
PAPER AND PAPER PRODUCTS																
Paper and board:																
Production (Bu. of the Census):																
All grades, total, unadjusted..... thous. sh. tons..	66,440	(⁵)														
Paper..... do.....	30,850	(⁵)														
Paperboard..... do.....	31,582	(⁵)														
Wet-machine board..... do.....	160	(⁵)														
Construction paper and board..... do.....	3,847	(⁵)														
Producer price indexes: 1967=100..																
Paperboard.....	258.1	254.9	250.7	248.0	247.6	244.1	243.3	244.1	246.3	248.1	248.7	249.6	249.5	250.4	252.8	255.5
Building paper and board.....	231.7	*239.5	243.4	*242.1	241.0	242.0	241.1	241.4	244.2	247.0	249.3	*249.4	256.2	252.1	252.8	254.7
Selected types of paper (API):																
Groundwood paper, uncoated:																
Orders, new..... thous. sh. tons..	*1,449	*1,469	125	131	121	108	122	103	128	122	126	131	135	*162	125	
Orders, unfilled, end of period..... do.....	100	91	104	99	93	91	96	100	106	101	94	99	114	145	145	
Shipments..... do.....	*1,463	*1,459	121	139	126	112	115	108	123	127	129	128	118	*127	126	
Coated paper:																
Orders, new..... do.....	*4,853	*4,998	407	446	415	412	444	412	499	439	509	543	*499	*556	441	
Orders, unfilled, end of period..... do.....	360	325	285	282	308	325	319	307	342	332	398	457	*524	*528	502	
Shipments..... do.....	4,940	5,032	433	447	433	398	442	427	460	447	468	481	453	*536	469	
Uncoated free sheet papers:																
Orders, new..... do.....	*7,735	*7,820	640	684	656	642	704	686	833	743	751	744	*755	*777	696	
Shipments..... do.....	*8,234	*8,187	684	716	695	649	735	682	805	759	762	762	*676	*782	724	
Unbleached kraft packaging and industrial converting papers:																
Shipments..... thous. sh. tons..	*3,880	*3,688	296	315	327	280	330	308	316	291	304	312	*287	*349	335	
Tissue paper, production..... do.....	*4,518	*4,438	359	387	383	372	388	374	399	397	410	*392	*385	*421	385	
Newsprint:																
Canada:																
Production..... thous. metric tons..	8,946	8,117	557	698	657	599	685	653	680	695	724	727	699	726	707	
Shipments from mills..... do.....	8,915	8,074	601	684	691	744	604	605	676	713	683	796	679	696	737	
Stocks at mills, end of period..... do.....	194	250	403	417	395	250	331	380	384	366	407	339	359	388	358	
United States:																
Production..... do.....	4,753	4,574	353	406	373	330	403	378	406	364	399	372	378	*416	376	
Shipments from mills..... do.....	4,735	4,525	353	398	389	346	370	350	394	362	404	395	395	*415	374	
Stocks at mills, end of period..... do.....	38	86	110	118	102	86	119	147	159	161	156	133	116	118	120	
Consumption by publishers..... do.....	10,165	10,115	836	928	893	908	807	768	880	879	919	859	*816	*846	870	
Stocks at and in transit to publishers, end of period..... thous. metric tons..	961	854	898	861	832	854	801	823	805	780	746	809	826	*849	820	
Imports..... thous. sh. tons..	6,977	6,531	489	587	567	498	545	433	620	538	599	659	538	584	543	
Price, rolls, contract, f.o.b. mill, freight allowed or delivered..... Index, 1967=100..	*308.0	*315.8	318.4	318.4	299.8	299.8	299.1	299.1	299.1	299.1	299.1	299.1	306.3	305.8	309.6	309.6
Paper products:																
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	
Folding paper boxes, shipments..... thous. sh. tons..																
mil. \$..																

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. lg. 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..	*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)..... thous. lg. tons..	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	
TIRES AND TUBES																
Pneumatic casings, automotive:																
Production..... thous..	*181,762	*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..... do.....	201,105	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..... do.....	41,711	38,633	3,022	2,919	2,652	3,518	2,458	3,701	4,232	4,143	4,286	4,461	3,240			
Replacement equipment..... 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	333	327	336	397	381	306	499	454	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:																
Exports (Bu. of Census)..... do.....	3,428	1,924	201	192	162	113	174	72	157	134	138	193	100	147	169	

See footnotes at end of tables.

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	Annual		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
STONE, CLAY, AND GLASS PRODUCTS																
PORTLAND CEMENT																
Shipments, finished cementthous. bbl.	'382,692	'343,463	35,351	34,106	27,431	22,718	18,931	17,660	25,367	28,383	33,569	39,415	37,266	41,931		
CLAY CONSTRUCTION PRODUCTS																
Shipments:																
Brick, unglazed (common and face)																
mil. standard brick..	5,059.2	4,408.6	444.6	435.8	397.5	335.1	309.4	287.0	445.7	451.8	529.1	615.4	572.4			
Structural tile, except facing.....thous. sh. tons.	71.6	40.9	4.3	3.6	2.4	2.9	2.4	1.9	2.2	3.4	1.4	2.6	2.3			
Sewer pipe and fittings, vitrified.....do....	433.4	325.0	37.5	36.6	28.5	18.6	21.9	16.3	27.1	29.7	30.6	36.7	35.7			
Facing tile (hollow), glazed and unglazed																
mil. brick equivalent..	39.3	*11.3	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)			
Floor and wall tile and accessories, glazed and unglazed.....mi. sq. ft.	299.8	294.8	26.6	25.9	24.9	23.9	23.2	24.7	29.8	27.9	31.4	29.9	27.0			
Price index, brick (common), f.o.b. plant or N.Y. dock1967=100..	300.2	312.5	319.2	319.2	320.7	320.7	320.9	320.9	333.8	337.7	339.3	*340.1	343.0	343.0	343.0	345.2
GLASS AND GLASS PRODUCTS																
Flat glass, mfrs.' shipments.....thous. \$..	952,283	871,331	220,472			236,813			228,658			238,533				
Glass containers:																
Production.....thous. gross..	325,541	309,376	24,683	27,686	23,477	18,244	23,335	23,776	27,039	25,659	25,513	24,804	*24,212	27,132		
Shipments, domestic, total \$.....do....	320,680	*307,113	26,285	25,939	23,003	21,177	23,086	20,656	25,926	24,456	26,183	26,737	*25,615	28,422		
Narrow-neck containers:																
Food.....do....	28,728	27,658	2,850	2,177	1,889	1,810	2,155	2,031	2,690	2,241	2,496	2,467	*2,008	3,215		
Beverage.....do....	60,248	61,020	5,193	4,888	4,482	4,417	4,343	3,318	5,118	4,872	5,711	6,331	*5,880	6,347		
Beer.....do....	117,338	107,861	8,539	8,411	7,911	7,094	7,659	7,743	8,955	9,076	9,612	9,370	9,402	9,163		
Liquor and wine.....do....	24,003	22,265	1,849	2,165	1,937	1,686	1,846	1,513	2,039	1,754	1,912	2,005	2,069	1,980		
Wide-mouth containers:																
Food and dairy products.....thous. gross..	62,404	63,372	5,840	5,891	4,965	4,547	4,864	4,356	5,129	4,451	4,829	5,037	5,010	6,170		
Narrow-neck and wide-mouth containers:																
Medicinal and toilet.....do....	25,119	22,322	1,797	2,177	1,647	1,457	2,029	1,534	1,824	1,894	1,469	1,354	*1,115	1,394		
Chemical, household and industrial.....do....	2,840	2,615	217	230	172	166	190	161	171	168	154	173	131	153		
Stocks, end of period.....do....	46,683	45,634	52,988	49,467	48,718	45,634	45,801	49,092	50,022	51,269	50,604	49,467	*48,104	46,593		
GYPSUM AND PRODUCTS @																
Production:																
Crude gypsum (exc. byproduct)thous. sh. tons..	11,497	10,863	966	1,044	898	895	925	857	905	1,053	1,033	1,141	1,017	1,218		
Calcined.....do....	11,687	10,967	971	1,036	945	923	986	911	1,110	1,131	1,087	1,167	1,128	1,276		
Imports, crude gypsum.....do....	7,593	6,718	733	724	625	742	401	454	513	636	698	694	784	682		
Sales of gypsum products:																
Uncalcined.....do....	4,904	*4,528	445	411	342	488	283	277	195	235	268	464	338	377		
Calcined:																
Industrial plasters.....do....	370	*430	37	40	34	31	31	32	37	36	35	36	30	35		
Building plasters:																
Regular basecoat.....do....	225	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)		
All other (incl. Keene's cement).....do....	157	*264	*23	*21	*21	*20	*21	*19	*22	*21	*21	*22	*21	*24		
Board products, total.....mil. sq. ft.	13,759	13,093	1,140	1,216	1,134	1,218	1,132	1,113	1,425	1,312	1,319	1,449	1,422	1,593		
Lath.....do....	59	39	3	3	3	3	3	3	3	3	3	4	3	3		
Veneer base.....do....	325	286	23	25	25	28	23	23	32	28	29	35	31	37		
Gypsum sheathing.....do....	208	264	25	27	28	27	26	24	28	30	29	32	29	31		
Regular gypsum board.....do....	9,295	8,447	733	774	741	801	718	715	933	844	861	934	903	1,014		
Type X gypsum board.....do....	3,446	3,486	303	330	293	319	301	279	352	322	317	356	366	414		
Predecorated wallboard.....do....	122	119	10	10	10	9	9	9	11	10	11	12	9	10		
5/16 mobile home board.....do....	*304	453	42	47	35	31	52	59	66	76	69	77	80	83		

TEXTILE PRODUCTS

FABRIC																
Woven fabric, finishing plants: *																
Production (finished fabric).....mil. linear yd.	7,542	6,660	*661	534	526	*570	506	*568	*726	*562	561	*716	*421	592		
Cotton.....do....	2,707	2,466	*259	201	193	*207	201	217	*274	*215	210	*268	*147	209		
Manmade fiber and silk fabrics.....do....	4,835	4,194	*402	333	334	*363	305	350	*452	*348	351	*448	*274	383		
Inventories held at end of period.....do....	672	630	644	688	656	630	*612	*623	*611	*603	*619	*607	*511	702		
Cotton.....do....	271	242	251	260	255	242	*240	*250	*242	*241	*248	*233	*245	337		
Manmade fiber and silk fabrics.....do....	401	388	393	428	400	388	*372	*372	*369	*362	*371	*374	*266	365		
Backlog of finishing orders.....do....			535	518	485	487	*549	*573	*614	*592	*618	*575	*592	638		
Cotton.....do....			184	191	184	220	*227	*229	*241	*225	*226	*199	200	223		
Manmade fiber and silk fabrics.....do....			352	326	302	267	*322	*344	*374	*367	*392	*376	*392	414		
COTTON and MANUFACTURES																
Cotton (excluding linters):																
Production:																
Ginnings.....thous. running bales..	*15,150	*11,526	1,529	5,288	8,823	10,574							2	315	770	
Crop estimate.....thous. net weight bales \$..	*15,646	11,963														7,496
Consumption.....thous. running bales..	5,409	4,938	*474	416	391	*425	404	430	*549	431	441	*543	369	*453	*548	
Stocks in the United States, total, end of period #																
Domestic cotton, total.....thous. running bales..	13,777	14,232	16,439	15,731	15,033	14,232	13,231	12,433	11,399	10,358	9,455	8,449	7,561	14,278		
On farms and in transit.....do....	13,776	14,229	16,436	15,728	15,031	14,229	13,228	12,431	11,397	10,356	9,454	8,447	7,560	14,277		
Public storage and compresses.....do....	3,752	2,433	10,475	7,545	4,209	2,433	1,432	1,432	896	767	748	273	150	7,299		
Consuming establishments.....do....	9,268	11,101	5,293	7,575	10,190	11,101	11,101	10,225	9,713	8,796	7,930	7,419	6,656	6,267		
	756	695	668	608	632	695	695	774	788	793	776	755	754	711		

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TEXTILE PRODUCTS—Continued																
COTTON AND MANUFACTURES—Cont.																
Cotton (excluding linters)—Continued																
Exports.....thous. running bales..	8,021	6,079	351	293	382	377	438	368	487	612	464	831	409	383	322	
Imports.....thous. net-weight bales \$..	17	39	10	1	3	(*)	1	(*)	1	(*)	(*)	(*)	1	2	1	
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	*64.7
Price, Strict Low Middling, Grade 41, staple 34 (1-1/16"), average 10 markets.....cents per lb..	*83.0	*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		
Spindle activity (cotton system spindles):																
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	*13.8	14.0		
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	
Spindle hours operated, all fibers, total.....bil.	91.8	61.7	*7.7	6.6	6.2	6.7	6.4	6.8	9.4	6.8	7.1	8.6	*5.9	7.4		
Average per working day.....do.	0.357	0.320	0.307	0.328	0.309	0.270	0.323	0.340	0.336	0.342	0.354	0.344	*0.295	0.370		
Consuming 100 percent cotton.....do.	33.6	30.2	*2.8	2.5	2.3	*2.6	2.3	2.5	*3.1	2.5	2.5	*3.1	2.2	*3.0	3.4	
Cotton cloth:																
Cotton broadwoven goods over 12" in width:																
Production (qtrly.).....mil. sq. yd.	3,856	3,779	869			992			1,046			1,047				
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			
Inventories, end of period, compared with avg. weekly production.....no. weeks' prod.	5.6	7.1	5.9	5.8	5.7	6.1	6.0	5.9	4.9	4.8	4.3	5.1	4.5			
Ratio of stocks to unfilled orders (at cotton mills), end of period.....	0.40	0.65	0.63	0.68	0.61	0.52	0.59	0.59	0.47	0.44	0.40	0.37	0.34	0.34		
Exports, raw cotton equiv. thous.																
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		
Imports, raw cotton equivalent.....do.	766.3	601.3	49.3	44.4	53.6	47.6	67.2	55.5	56.7	54.6	61.7	58.9	64.5	66.6		
MANMADE FIBERS AND MANUFACTURES																
Fiber production, qtrly:																
Acetate filament yarn.....mil. lb.	257.0	195.2	46.1			43.2			50.3			62.2				
Rayon staple, including tow.....do.	460.6	355.0	87.8			84.3			92.6			92.1				
Noncellulosic, except textile glass:																
Yarn and monofilaments.....do.	3,792.8	3,040.3	735.2			745.4			801.1			924.0				
Staple, incl. tow.....do.	4,191.1	3,402.5	834.6			872.5			886.7			1,015.5				
Textile glass fiber.....do.	1,041.1	899.2	241.0			240.8			245.1			273.1				
Fiber stocks, producers', end of period:																
Acetate filament yarn.....mil. lb.	14.3	10.7	11.3			10.7			9.8			12.2				
Rayon staple, including tow.....do.	31.1	25.9	36.8			25.9			31.5			28.9				
Noncellulosic fiber, except textile glass:																
Yarn and monofilaments.....do.	337.0	279.8	290.5			279.8			270.1			259.5				
Staple, incl. tow.....do.	329.8	324.8	309.3			324.8			292.7			278.0				
Textile glass fiber.....do.	146.2	141.0	138.8			141.0			131.1			101.1				
Manmade fiber and silk broadwoven fabrics:																
Production (qtrly.), total #.....mil. sq. yd.	11,228.7	8,585.5	*2,040.4			2,170.4			2,362.8							
Filament yarn (100%) fabrics #.....do.	3,850.9	2,951.1	*717.1			819.8			807.8							
Chiefly rayon and/or acetate fabrics.....do.		346.6	89.6			55.7			60.9							
Chiefly nylon fabrics.....do.		397.5	100.2			81.5			85.4							
Spun yarn (100%) fab., exc. blanketing #.....do.	6,431.4	4,726.7	1,094.5			1,111.2			1,260.6							
Rayon and/or acetate fabrics, blends.....do.	584.1	113.7	26.9			27.7			26.5							
Polyester blends with cotton.....do.	4,517.0	3,547.8	817.8			815.7			952.5							
Acetate filament and spun yarn fabrics.....do.	1,002.2	893.0	239.2			206.7			259.2							
Manmade fiber gray goods, owned by weaving mills:																
Ratio, stocks to unfilled orders, end of period.....																
Prices, manufacturer to mfr., f.o.b. mill:																
50/50 polyester/carded cotton printcloth, gray, 48", 3.90 yds./lb., 78x54-56.....\$ per yd.																
Manmade fiber textile trade:																
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		
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		
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		
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		
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	98.09	107.96		
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		
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		
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		
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		
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		
WOOL AND MANUFACTURES																
Wool consumption, mill (clean basis):																
Apparel class.....mil. lb.	127.8	105.9	*8.4	7.2	7.8	*9.4	8.8	9.6	*12.8	10.6	9.9	*13.7	*8.7	10.5	*13.3	
Carpet class.....do.	10.9	9.8	*1.2	0.7	0.8	*0.6	0.8	1.0	*1.2	0.9	1.0	*1.2	0.8	1.1	*1.4	
Wool imports, clean yield.....do.	*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	
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	
Wool prices, raw, shorn, clean basis, delivered to U.S. mills:																
Domestic—Graded territory, 64's, staple 2-3/4" and up.....cents per lb.	*2.78		2.40						1.93	1.93	1.93	1.98	2.19	2.23	2.25	2.25
Australian, 64's, Type 62, duty-paid.....do.	*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
Wool broadwoven goods, exc. felts:																
Production (qtrly.).....mil. sq. yd.	178.1	121.1	20.2			23.6			34.2			40.2				
FLOOR COVERINGS																
Carpet, rugs, carpeting (woven, tufted, other), shipments, quarterly.....mil. sq. yds.	990.6	*906.5	226.7			225.7			237.1							
APPAREL																
Women's, misses', juniors' apparel cuttings:																
Coats.....thous. units.	*14,528	*12,617					485	491	617	644	981	1,153	1,033	1,344		
Dresses.....do.	*162,624	*166,747					12,726	14,231	17,333	15,343	14,124	12,877	10,357	11,453		
Suits (incl. pant suits, jumpsuits).....do.	*13,308	*12,138					752	724	724	615	818	856	932	819		
Skirts.....do.	*98,868	*104,430					8,034	7,818	9,149	7,944	8,197	8,627	7,892	9,860		
Blouses.....thous. dozen.	*26,223	*27,845					2,226	2,544	2,658	2,540	2,833	3,045	2,433	2,790		

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																
APPAREL—Continued																
Men's apparel cuttings:																
Suits.....thous. units.	*13,922	*11,735					969	953	927	779	845	839	570	852		
Coats (separate), dress and sport.....do.	*17,140	*16,477					1,260	1,251	1,471	1,432	1,496	1,672	1,390	1,472		
Trousers (separate), dress.....do.	118,215	*111,749					8,104	9,160	10,244	9,261	8,656	10,188	7,060	9,612		
Slacks (jean cut), casual.....do.	*191,937	*172,299					13,621	14,495	16,564	16,288	17,350	22,319	17,448	18,128		
Shirts, dress and sport.....thous. doz.	*97,075	*92,423					3,333	3,172	3,591	3,179	3,404	3,562	2,455	3,253		
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), qtrly, total @.....mil. \$.	72,852	*85,137	21,965			*24,791			*27,340			24,346				
U.S. Government.....do.	39,102	*56,476	17,844			*16,959			*20,818			14,954				
Prime contract.....do.	70,633	*82,382	21,149			*24,146			*26,737			23,767				
Sales (net), receipts, or billings, qtrly, total.....do.	69,944	74,078	18,869			20,377			*19,102			20,626				
U.S. Government.....do.	33,039	41,581	11,456			12,068			*10,594			11,582				
Backlog of orders, end of period #.....do.	92,640	*103,699	99,285			*103,699			*111,937			115,657				
U.S. Government.....do.	43,262	*58,157	53,266			*58,157			*68,381			71,753				
Aircraft (complete) and parts.....do.	44,555	*46,312	46,181			*46,312			*51,690			53,390				
Engines (aircraft) and parts.....do.	13,173	*12,008	14,556			*12,008			*11,876			12,824				
Missiles, space vehicle systems, engines, propulsion units, and parts.....mil. \$.	11,047	*13,450	10,854			*13,450			13,673			14,328				
Other related operations (conversions, modifications), products, services.....mil. \$.	11,314	*13,035	14,249			*13,035			*14,470			14,766				
Aircraft (complete);																
Shipments #.....do.	13,195.0	8,639.8	591.4	547.3	569.6	1,232.2	697.8	795.1	1,418.9	1,107.9	791.0	1,191.3	429.9	489.5		
Airframe weight #.....thous. lb.	89,076	44,383	3,169	2,734	2,644	5,909	3,742	3,642	7,007	5,194	3,854	5,723	1,998	2,336		
Exports, commercial #.....mil. \$.	8,551	4,775	77	378	102	421	321	508	1,006	457	397	924	368	178	232	
MOTOR VEHICLES (NEW)																
Passenger cars:																
Factory sales (from U.S. plants), total †.....thous.	6,225	5,049	429	431	407	366	457	474	575	529	587	644	461	492	*627	*687
Domestic †.....do.	5,749	4,696	406	406	382	344	431	433	517	475	528	592	426	466	581	
Retail sales, total, not seasonally adj. †.....do.	8,535	7,980	671	656	743	632	596	628	821	762	837	904	792	741	704	861
Domestic \$.....do.	6,209	5,758	488	488	558	448	414	442	600	578	630	668	577	531	538	664
Imports \$.....do.	2,326	2,221	183	169	185	184	182	185	221	184	207	236	215	210	166	197
Total, seas. adjusted at annual rate †.....mil.			8.4	7.7	9.0	8.6	8.5	8.2	8.4	8.5	9.1	*10.1	9.7	8.9	9.2	9.8
Domestic \$.....do.			6.2	5.3	6.5	6.1	5.9	6.1	6.2	6.4	6.9	*7.5	7.2	6.6	7.0	7.0
Imports \$.....do.			2.3	2.4	2.5	2.5	2.6	2.1	2.2	2.1	2.2	*2.6	2.5	2.3	2.1	2.8
Retail inventories, end of period, domestics: \$ †																
Not seasonally adjusted.....thous.	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	*1,082	1,050	1,166	*1,231	1,254
Inventory-retail sales ratio, domestics \$ †.....do.	2.9	2.3	2.6	2.9	2.2	2.2	2.4	2.5	2.4	2.3	2.0	*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	44.33	56.59	54.45	60.81	51.92	34.26	31.87	46.27	
To Canada.....do.	470.86	334.05	23.70	23.48	23.71	19.60	24.71	42.12	54.75	52.21	58.14	50.30	32.75	30.63	41.92	
Imports (BuCensus), complete units #.....do.	2,998.6	3,067.0	217.4	262.8	253.6	232.7	277.3	260.2	313.4	277.2	355.8	325.5	288.3	263.5	271.6	
From Canada, total.....do.	563.9	702.5	61.0	49.5	56.8	50.2	59.1	69.7	69.3	77.9	88.5	85.8	56.0	44.3	49.6	
Registrations ◇, total new vehicles.....do.	8,444	7,754	625	655	678	765	595	569	725	728	773	869	789	773	735	
Imports, incl. domestically sponsored.....do.	2,432	*2,291	*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	*226	*250
Domestic @ @.....do.	1,514	1,778	146	132	118	122	133	150	207	179	198	214	149	181	214	
Retail sales, seasonally adjusted: †																
Light-duty, up to 14,000 lbs. GVW.....do.	*1,746.6	*2,063.8	193.8	149.7	199.4	179.2	*168.9	160.4	183.6	210.8	214.6	206.4	225.3	173.0	260.6	225.1
Medium-duty, 14,001-26,000 lbs. GVW.....do.	*73.9	*45.7	3.9	3.5	3.6	3.8	*4.4	3.8	3.5	3.6	4.2	3.9	4.2	4.0	4.2	3.8
Heavy-duty, 26,001 lbs. and over GVW.....do.	*151.7	*138.3	10.1	9.6	10.0	12.5	*10.9	9.8	11.9	10.1	9.8	10.4	11.0	12.0	11.7	13.1
Retail inventories, end of period, seasonally adjusted †.....thous.	*559.4	*539.5	665.5	636.2	566.4	537.9	*495.7	519.5	518.4	522.8	533.5	525.1	507.8	578.1	587.7	592.1
Exports (BuCensus).....do.	*170.73	124.43	6.62	10.31	9.80	9.04	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	56.22	70.78	69.48	78.19	80.99	63.13	68.70	61.17	
Registrations ◇, new vehicles, excluding buses not produced on truck chassis.....thous.	2,185	2,430	182	193	215	246	189	177	227	244	254	275	259	254	249	
Truck trailers and chassis, complete (excludes detachables), shipments.....number.	*122,455	*96,190	*6,888	*6,499	*7,509	*9,590	6,062	6,949	9,848	6,979	8,708	9,674	*8,387	11,463		
Vans.....do.	*71,921	*64,892	*4,908	*4,430	*5,522	*7,212	4,053	4,599	6,367	4,808	5,958	6,714	*5,202	8,632		
Trailer bodies (detachable), sold separately.....do.	7,239	3,988	285	*328	*285	*289	158	136	153	61	69	31	*57	299		
Trailer chassis (detachable), sold separately.....do.	8,615	*2,918	*277	*201	*121	*119	25	19	43	47	147	620	456	414		
RAILROAD EQUIPMENT																
Freight cars (new), for domestic use; all railroads and private car lines (excludes rebuilt cars and cars for export):																
Shipments.....number.	*44,901	*17,236	967	890	610	765	494	447	444	205	376	338	260	469	460	
Equipment manufacturers.....do.	*41,435	*15,515	913	650	525	477	440	411	334	205	376	338	260	469	458	
New orders.....do.	*17,916	*7,071	583	884	249	231	501	299	207	615	797	150	934	287	416	
Equipment manufacturers.....do.	*17,288	*6,321	583	134	249	231	501	297	207	614	797	150	934	287	416	
Unfilled orders, end of period.....do.	16,485	4,295	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): †																
Number owned, end of period.....thous.	1,111	1,039	1,059	1,053	1,047	1,039	1,035	1,033	1,031	1,028	1,026	1,024	1,020	1,019	1,018	
Held for repairs, % of total owned.....do.	6.9	8.7	8.3	8.4	8.6	8.7	8.8	8.9	9.2	9.5	10.0	10.0	10.1	10.0	9.8	
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		

See footnotes at end of tables.

FOOTNOTES FOR PAGES S-1 THROUGH S-32

General Notes for all Pages:

- r Revised.
- p Preliminary.
- e Estimated.
- c Corrected.

Page 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. Pre-1977 estimates are available in *The National Income and Product Accounts of the United States, 1929-76: Statistical Tables*.

‡ Includes inventory valuation and capital consumption adjustments.

* New series. Detailed descriptions begin on p. 18 of the Nov. 1979 SURVEY. See note "†" 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.

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1. Based on data not seasonally adjusted.

Includes data not shown separately.

‡ Revised series. For wholesale see note "‡" for p. S-8. For manufacturing see note "†" for p. S-3. For retail see note "†" for p. S-8.

† See note "†" for p. S-3.

§ See note "†" for p. S-8.

@ See note "‡" for p. S-8.

* New series. Data back to 1967 are available from the National Income and Wealth Division, Bureau of Economic Analysis.

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‡ Revised series. For wholesale see note "‡" for p. S-8. For manufacturing see note "†" for this page. For retail see note "†" for p. S-8.

† 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 "†" for p. S-8.

@ See note "‡" for p. S-8.

* New series. Data back to 1967 are available from the National Income and Wealth Division, Bureau of Economic Analysis.

Includes data for items not shown separately.

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1. Based on data not seasonally adjusted.

† See note "†" for p. S-3.

Includes data for items not shown separately.

‡ 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.

◇ 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

1. 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 SURVEY.

† See note "†" for p. S-3.

@ Compiled by Dun & Bradstreet, Inc.

Includes data for items not shown separately.

§ Ratio of prices received to prices paid (parity index).

◇ Revisions, back to 1975 for some commodities, are available upon request.

‡ See note "‡" 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 SURVEY.

§ 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.

† Revised series. Stage-of-processing producer price indexes have been revised back to 1976 to reflect updated industry input-output relationships and improved classification of some products.

Includes data for items not shown separately.

‡ Effective Feb. 1983 SURVEY, data have been revised back to 1978 to reflect updated seasonal factors. Effective Feb. 1982 SURVEY, data have been revised back to 1977 to reflect updated seasonal factors. These revisions are available upon request.

@ Effective with the Feb. 1983 SURVEY, the percent change and indexes as shown here have been revised back to 1967 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, U.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.

◇ Home mortgage rates (conventional first mortgages) are under money and interest rates on p. S-14.

§ Data include guaranteed direct loans sold.

‡ Effective April 1983 SURVEY, wholesale trade data have been revised for Jan. 1973-Dec. 1982. Revised data are available upon request.

† 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.

‡ Revisions for Jan. 1977-Oct. 1979 appear in "Current Population Reports," Series P-25, No. 870, Bureau of the Census.

◇ 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 "†" 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 all 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 adjustment factors. See "BLS Establishment Estimates Revised to March 1982 Benchmarks," in the June 1983 issue of *Employment and Earnings*. Effective June 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 SURVEY, data have been revised back to 1974 to reflect new benchmarks and new seasonal adjustment factors. See "BLS Establishment Estimates Revised to March 1980 Benchmarks," in the July 1981 issue of *Employment and Earnings*.

◇ See note "◇" for p. S-9.

Page S-11

† See note "†" on p. S-10.

‡ 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.

◇ 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 sufficient precision. Use the corresponding unadjusted series.

2. This series has been discontinued.

† See corresponding note on p. S-10.

◇ Production and nonsupervisory workers.

‡ 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.
- ◇ Effective April 1982 SURVEY, 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.
- @ 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.
- @/@ 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.
- ◇ Adjusted to exclude domestic commercial interbank loans and Federal funds sold to domestic commercial banks.
- ‡ 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.
- @ Data through Oct. 1979 show a maturity for 150-179 days. Beginning Nov. 1979, maturity is for 180 days.
- ‡‡ Courtesy of *Metals Week*.
- @/@ 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.
- ‡ Composition of the money stock measures is as follows:
M1.—This measure is currency plus demand deposits at commercial banks and interest-earning checkable deposits at all depository institutions—namely NOW accounts, automatic transfer from savings (ATS) accounts, and credit union share draft balances—as well 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 M1 overnight repurchase agreements (RP's) issued by commercial banks and certain overnight Eurodollars (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 depository institutions. Depository 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 depository 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, commercial paper, savings bonds, and marketable liquid Treasury obligations.
- ‡‡ 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.
- @ Small time deposits are those issued in amounts of less than \$100,000. Large time deposits 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.
- @/@ Annual 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.
- ‡ For bonds due or callable in 10 years or more.
- # Includes data for items not shown separately.
- @ 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 1 for p. S-16.
2. Beginning Jan. 1982 data, the Customs value is being substituted for the f.a.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 reflect nonscheduled service.
- ‡ Beginning Jan. 1977, defined as those having operating revenues of \$50 million or more.
- ◇ Average daily rent per room occupied, not scheduled rates.
- @ 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. Beginning Jan. 1981, data represent gross weight (formerly phosphoric acid content weight) and are not comparable with data shown for earlier periods.
4. A portion of data is being withheld to avoid disclosing information for individual companies; not comparable with other published data.
5. 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.
- ‡ Revisions, back to 1977 for some commodities, are available upon request.
- ◇ 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 quarterly 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.
- ‡ Revisions back to 1977 are available upon request.
- ◇ Effective 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 and represents previous year's crop; new crop not reported until June (beginning of new crop year).
5. Previous year's crop; new crop not reported until Oct. (beginning of new crop year).
6. See note "@@" for this page.
7. Data are no longer available.
8. Nov. 1 estimate of the 1983 crop.
9. Effective with this reporting, data are reported on a monthly basis.
10. Data for Apr.-Dec. 1982 are not available.
11. 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 100 lbs.
- ◇ Revised crop estimates back to 1975 are available upon request.
- @ Revisions, back to 1977, for some commodities, are available upon request.
- ‡ Revisions back to 1975 are available upon request.
- @/@ Data are quarterly except for June (covering Apr. and May) and Sept. (covering June-Sept.).

Page S-22

1. 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.
- ◇ Bags of 132.276 lbs.
- ‡ Revisions for Jan.-July 1979 (back to 1975 for grindings of wheat) are available upon request.
- @ Revisions back to 1977 are available upon request.
- # Effective Apr. 1981 SURVEY, 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

1. Crop estimate for the year.
2. Average for seven months; price not available for July, Aug., and Oct.-Dec.
3. Annual total; monthly revisions are not available.
4. Data are no longer available.
5. Nov. 1 estimate of the 1983 crop.
- § Monthly data reflect cumulative revisions for prior periods.
- ‡ Revisions back to 1975 are available upon request.
- * New series. Source: Bureau of Labor Statistics.
- # Totals include data for items not shown separately.

Page S-24

1. Annual data; monthly revisions not available.
2. Less 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.
- ◇ Includes secondary smelters' lead stocks in refinery shapes and in copper-base scrap.
- @ All data (except annual production figures) reflect GSA remelted zinc and zinc purchased for direct shipment.
- ‡ Source for monthly data: American Bureau of Metal Statistics. Source for annual data: Bureau of Mines.
- # Includes data not shown separately.
- † Effective July 1980 SURVEY, data are revised and shown on a new base. The sample size has been restored to 100 firms 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 hydraulic and pneumatic products 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 five weeks; other months 4 weeks.
3. For month shown.
4. Data withheld to avoid disclosing information for individual companies.
- # Includes data for items not shown separately.
- @ Beginning July 1977, data are representative of those manufacturers reporting and are not an average of the total industry; they are not directly comparable with earlier data.
- * New series. Annual data prior to 1978 and monthly data prior to April 1979 are available upon request.
- § Includes nonmarketable catalyst coke.
- ◇ Includes small amounts of "other hydrocarbons and alcohol new supply (field production)," not shown separately.
- † Revisions back to Jan. 1978 are available upon request.
- ‡ Effective with 1981 petroleum data, the Energy Information Agency has changed some definitions and concepts to reflect recent developments in refining and blending practices. These changes include adding a category for gasohol production to motor gasoline production and accounting more precisely for distillate and residual fuel oil processed further after initial distillation. A description of these changes appears in the May 1981 issue of *Monthly Energy Review*, U.S. Department of Energy, Energy Information Administration.

Page S-28

1. Simple averages of prices are no longer available.
2. See note 5 for p. S-29.
3. Reported annual totals; revisions not allocated to the months.
4. Effective with Jan. 1983, data include road oil. Total road oil data for 1982 were (thous. bbl.): 591, domestic demand, 610, production; 47, stocks.

- ◇ 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 "◇" for this page.
- ‡ Except for price data, see note "‡" 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.
- ◇ 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 for the year.
3. Data cover five weeks; other months, four weeks.
4. Data are not available prior to Jan. 1980.
5. See note "‡" for this page.
6. Monthly and annual data for regular basecoat plasters are not available; sales of "all other" represents total sales of building plasters. See also note 1 for this page.
7. Data withheld to avoid disclosing 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.
- ◇ Cumulative ginnings to the end of month indicated.
- § Bales of 480 lbs.
- ‡ Beginning Jan. 1982, shipments include those for direct export; such shipments for 1981 were 2,165 thous. gross.
- @ 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. 1-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.
- ◇ Based on 480-lb. bales, preliminary price reflects sales as of the 15th; 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

1. Annual total includes revisions not distributed to the months.
2. Figure represents production; not factory sales.
3. 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.
4. Monthly data for 1980 as published in earlier issues of the SURVEY, exclude exports for 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.
5. Based on unadjusted data.
6. See note "†" for this page.
7. See last sentence of note "†" for this page.
8. Monthly data discontinued for the year 1982; reinstated beginning Jan. 1983.
- # Total includes backlog for nonrelated products and services and basic research.
- § Domesticity comprise all cars assembled in the U.S. and cars assembled in Canada and imported to the U.S. under the provisions of the Automotive Products Trade Act of 1965. Imports comprise all other cars.
- ◇ Courtesy of R.L. Polk & Co.; republication prohibited. Because data for some states are not available, month-to-month comparisons are not strictly valid.
- ‡ Excludes railroad-owned private refrigerator cars and private line cars.
- † Revisions, affecting some commodities back to 1967 and for those periods mentioned below, are available upon request. *Passenger cars (seas. adj.)*: Effective July 1983 SURVEY, data have been revised back to Jan. 1980. Effective July 1982 SURVEY, data have been revised back to Jan. 1977. *Trucks and buses (seas. adj.)*: Effective Feb. 1983 SURVEY, data have been revised back to Jan. 1980.
- @ In the 1979 BUSINESS STATISTICS, 4th Qtr. 1977 should read "13,946" mil. \$.
- ‡‡ In the 1979 BUSINESS STATISTICS, annual data for 1977 should read "2,604.8" mil. \$.
- ## Revisions back to 1977 are available upon request.
- †† Includes Volkswagens produced in the U.S.
- @ @ 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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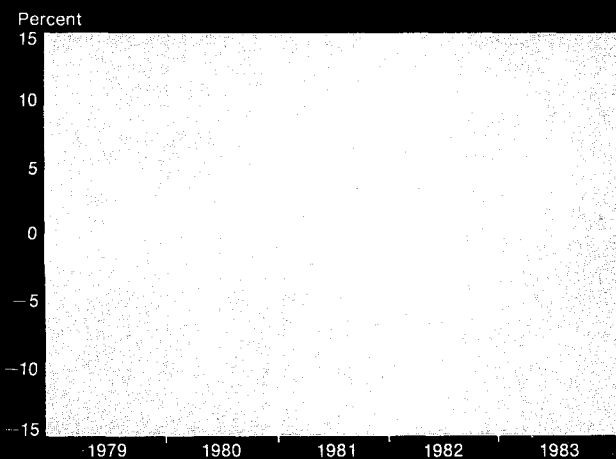
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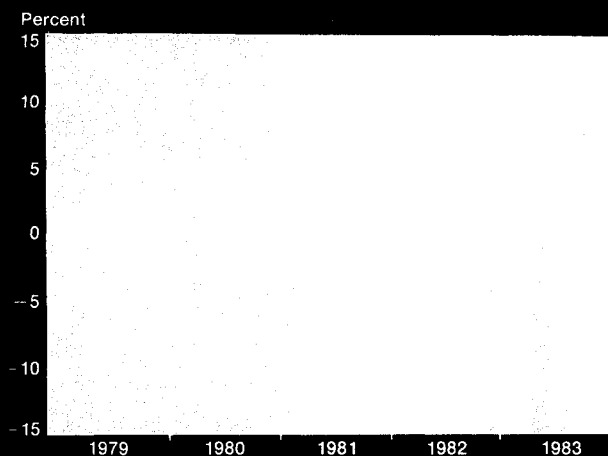
In the third quarter

- Real GNP increased 7½ percent
- Real final sales increased 5 percent
- GNP fixed-weighted price index increased 4½ percent
- Real disposable personal income increased 7 percent

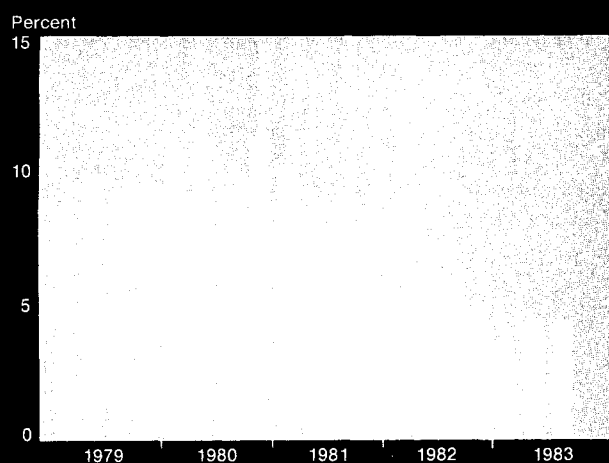
Real GNP



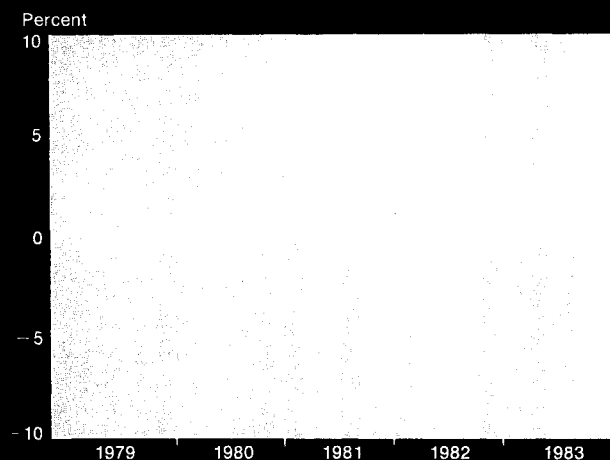
Real Final Sales



GNP Fixed-Weighted Price Index



Real Disposable Personal Income



Percent change from preceding quarter, based on seasonally adjusted annual rates.