

### CONTENTS

1

19

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Reconciliation and Other Special Tables	7
Selected National Income and Product Accounts Tables	9
Implicit Price Deflators for Military Construction	14
U.S. Affiliates of Foreign Companies:	

THE BUSINESS SITUATION

Operations in 1981

### **CURRENT BUSINESS STATISTICS**

General S1
Industry S19
Footnotes S33
Subject Index (Inside Back Cover)

CONTRACTOR OF STATES OF AMERICA

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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

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

	Seasonally	y adjusted at	annual rates	preceding	nange from quarter at il rates
	15-day estimate	45-day estimate	Revision	15-day estimate	45-day estimate
	Billio	ons of currer	it dollars		
GNP	3,363.3	3,360.3	-3.0	11.6	11.2
Personal consumption expenditures Nonresidential fixed investment Residential investment Change in business inventories Net exports	-25.9	2,182.9 349.6 139.9 8,7 -20.2	-3.6 1.2 8 -3.1 5.7	7.6 15.3 44.5	6.9 16.9 41.1
Government purchases	701.8	699.4 2,686.6	-2.4	11.2	9.7 11.8
Compensation of employees	2,011.3	2,011.9	.6	8.9	9.1
sumption adjustmentsOther	427.4	246.2 428.5	1.1	1.5	62.0 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	7.3
Personal consumption expenditures Nonresidential fixed investment Residential investment Change in business inventories	4.8	1,018.0 169.3 56.2 3.9	-1.2 .6 7 9	3.5 14.6 37.0	3.0 16.3 30.1
Net exports	8.7 296.1	10.4 295.8	1.7 3	5.7	5.8
	Index	numbers, 19	972=100 ¹	·	•
GNP implicit price deflator GNP fixed-weighted price index GNP chain price index	216.37 225.1	216.29 225.3	08 .2	3.4 4.1 4.4	3.8 4.4 4.3

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, 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 change in business inventories, book values for manufacturing and trade for August (revised) and September; for overnment 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 uages 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.

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 onethird of the strong increase in GNP was accounted for by a swing in business inventories to accumulation after six consecutive quarters of liquidation. Among the components of final sales, personal consumption expenditures and residential investment continued to increase, but at slower rates than in the second quarter. Nonresidential fixed investment was up more than in the second quarter; structures turned around, and producers' durable equipment registered another sizable increase. Government purchases, due to turnarounds in Federal and in State and local purchases, increased after a small decline. The slide in net exports slowed markedly in the third quarter; exports increased following a decline, and imports were up about the same as in the second quarter.

#### Corporate profits

Corporate profits from current production-profits with inventory valuation and capital consumption adjustments—increased \$28 billion to \$246 billion in the third quarter. In the second quarter, they had increased a record \$36½ billion to \$218 billion (table 2).

<sup>1.</sup> Quarterly estimates in the national income and product accounts are expressed at seasonally adjusted annual rates, and quarterly changes in them are dif-

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	161.9	181.8	218.2	246.2
Domestic industriesFinancial	137.8 $23.5$ $114.3$	161.6 27.8 133.9	197.7 32.1 165.7	225.4 31.1 194.3
Rest of the world		20.2	20.5	20.7
Corporate profits with IVA and without CCAdi	157.2	168.0	192.7	208.5
Domestic industries		147.8	172.2	187.8
Financial Nonfinancial	$25.5 \\ 107.6$	29.8 118.0	33.8 138.4	$32.5 \\ 155.3$
Manufacturing	48.3	53.7	68.1	n.a.
Durable goods	1.2	10.0	18.3	n.a.
Primary metal industries Fabricated metal indus-	i	-1.6	-1.1	n.a.
tries	2.1	2.8	4.0	n.a.
cal Electric and electronic	1.8	1.1	2.9	n.a.
equipment Motor vehicles and equip-	2.4	3.5	3.0	n.a.
ment	-1.2	3.0	5.6	n.a.
Other	2.2	1.2	3.9	n.a.
Nondurable goods Food and kindred prod-	47.1	43.6	49.9	n.a
ucts Chemicals and allied	7.2	6.9	6.9	n.a
products Petroleum and coal prod-	3.0	4.8	5.5	n.a
ucts	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. CCAdj 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 (CCAdj). The IVA became more negative in the third quarter, decreasing \$8 billion to  $-\$18\frac{1}{2}$  billion, following a slightly larger decrease. The decreases resulted from increased rates of inflation of prices of goods held in inventories; the largest decreases occurred in the trade industry and in the food, chemicals, machinery, and transportation equipment manufacturing industries. The CCAdj increased \$12 billion to \$371/2 billion, following an increase of \$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.

<sup>2.</sup> 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

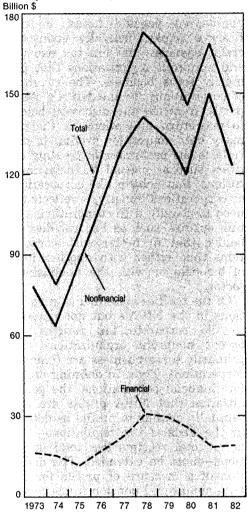
In the presentation of corporate profits by industry in table 6.20 of the National Income and Product Accounts Tables, the "financial" line is

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.

CHART 1 **Domestic Corporate Profits With Capital Consumption Adjustment** 



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

Table 1.—Domestic Financial Corporate Profits (Dillians of dellars)

	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	5.4
Commercial banks	Commercial banks and bank holding companies	5.3	5.1	4.3	4.4	5.2	6.7	8.1	6.4	5.9	5.6
Thrift institutions	Savings and loan assoc., mutual savings banks, and credit unions.	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.	Federal home loan banks, Federal land banks, Federal Home Loan Mortgage Corp., Federal intermediate credit banks, and personal and business credit agencies.	.7	1.3	.6	1.1	.9	2.7	1.1	5	2	2.5
Insurance carriers	Life insurance companies, nonlife insurance companies, and private noninsured pension funds.	2.4	.3	4	2.3	6.6	7.9	6.9	7.0	5.0	2.9
Investment-oriented institutions	Security and commodity brokers, dealers, and services; regulated investment companies; real estate investment trusts; and small business investment companies.	3	.2	3	.1	5	0	1	2.0	2.0	2.6

CCAdj Capital consumption adjustment.

<sup>1.</sup> 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.

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

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 fundsfor which banks and other financial institutions except life insurance carriers are trustees-receive income, including dividends, on their investments. Reflecting the nature of these funds, in the NIPA's their income is attributed to persons as savings. In addition, their dividends are subject to the accounting requirement that the NIPA's show an unduplicated measure of dividends. This general requirement is implemented by netting dividends received by corporations against dividends paid by them. For pension funds, which do not pay any dividends, the resulting measure of net dividends paid is negative. Thus,

the measure of profits defined for these funds consists only of net dividends paid, and it is negative.

Although NIPA profits are similar to profits as reported on tax returns, there are several conceptual differences. Three of these differences are particularly significant to the measurement of profits of financial corporations. First, NIPA profits exclude capital gains and losses. Thus, the substantial amounts of capital gains and losses earned on the portfolios of financial corporations (which are reported as part of profits on tax returns) are excluded from NIPA profits.2 This exclusion is particularly significant to the measurement of profits of regulated investment companies, which include mutual funds. Second. NIPA profits are net of dividends received from domestic corporations. This netting is particularly significant to the measurement of profits of life and nonlife (property and casualty) insurance carriers and regulated investment companies, as well as underlying the measurement of profits of private noninsured pension funds; all of these typically hold a large share of their assets in corporate stocks and thus receive substantial amounts of dividends. Third, NIPA profits include the excess of additions to bad debt reserves over losses actually incurred. This feature of NIPA profits is particularly significant to the measurement of profits of commercial banks and of savings and loan associations.3

Two further adjustments are usually required to derive NIPA profitsthat is, profits from current production. Of the two adjustments, made to place NIPA profits on a basis that values capital used up in production at replacement cost with consistent service lives and depreciation formulas, only the capital consumption adjustment is made for financial profits. As a rule, financial corporations do not carry enough inventories of goods to require an inventory valuation adjustment. The capital consumption

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 sources. Among the financial corporations, this methodology is used for commercial banks, thrift institutions except credit unions, some credit agencies, life and nonlife insurance carriers, and investment-oriented institutions. In most cases, the extrapolators are prepared using income and related data from regulatory agencies (such as the Federal Home Loan Bank Board for savings and loan associations, and the Securities and Exchange Commission for security and commodity brokers), publicly available financial statements for commercial banks and nonlife insurance, and trade associations (such as the National Association of Mutual Savings Banks and the American Council of Life Insurance). For investment-oriented institutions except security and commodity brokers, the extrapolators are based on trends judgmentally adjusted for changes in business conditions. For the financial corporations that do not file corporate income tax returns, estimates are based on the following: for credit unions, income and related data from the National Credit Union Administration; for Federal Reserve banks and the taxexempt federally sponsored credit agencies, income and related data from the agencies or their parent organizations; and for private noninsured pension funds, holdings of corporate stock from the Federal Reserve's flow-of-funds accounts combined with average stock yields.

adjustment is small, however, and is

not available separately for the var-

ious categories of financial profits.

#### 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.

<sup>2.</sup> Capital gains and losses realized on the securities held in trading accounts by security and commodity brokers are an exception.

<sup>3.</sup> These and other items, including an adjustment for understatement of profits on tax returns, that rec-oncile tax-return and NIPA profits are shown for total corporate profits in table 8.12 in the National Income and Product Accounts Tables; see, for example, the July 1983 Survey of Current Business.

83-11-3

## **Financial Profits**

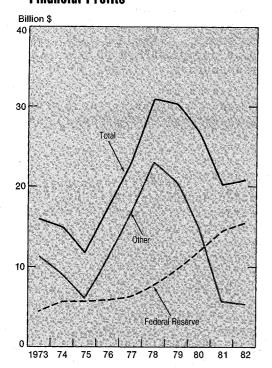


CHART 2

83-11-2

NOTE.—Profits are without capital consumption adjustment.
U.S. Department of Commerce, Bureau of Economic Analysis

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

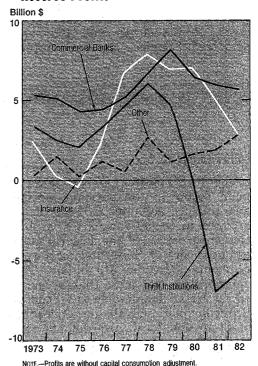
Increases in Federal Reserve profits were moderate through 1977 and then large. These profits mainly reflect interest on Federal Reserve banks' holdings of Federal debt instruments; these holdings change as purchases and sales are made in order to try to influence the money supply and interest rates.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

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

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

Changes in profits of the insurance group were substantial throughout the period. These profits declined sharply in 1974 and 1975, increased sharply to a peak of \$8 billion in 1978, and then declined to \$3 billion in 1982. This pattern reflected disparate movements in the three components. Sharp fluctuations in nonlife insurance profits produced most of the year-to-year variability; as is typical, most of the fluctuations were traceable to profits from their underwriting operations rather than from their portfolio holdings. Life insurance profits increased steadily, but moderately, throughout the period. Private noninsured pension funds registered steadily increasing losses. From 1978 to 1982, pension fund losses increased from \$4 billion to \$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 diviCHART 3

## Financial Profits Excluding Federal Reserve Profits



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.

ates are from table 1

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

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

The other categories of financial profits—those of the credit agencies and investment-oriented 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 primarily 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  $$15\frac{1}{2}$  billion, compared with \$12 billion in the second quarter. All major categories of expenditures increased more than

in the previous quarter, except transfer payments, which declined. Net interest paid recorded the largest 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 \$21/2 billion decline as a result of the payment-in-kind (PIK) program. The PIK program provides certain crops-mainly corn, cotton, and wheat-to farmers who agreed to divert acreage from production. The crops are given to farmers from CCC stocks and, therefore, the transactions have no effect on total expenditures. In the NIPA's, the PIK transactions are treated as negative CCC purchases and as subsidy payments to

Subsidies less the current surplus of government enterprises also increased \$5 billion. The increase was accounted for by the CCC deficit (\$3 billion), the Postal Service deficit (\$1 billion), and subsidy payments to farmers (\$1 billion). The increase in the Postal Service deficit reflected a third annual bonus payment of \$350 per employee and a pay raise. The increase in subsidy payments to farmers was the net of a \$21/2 billion increase under the PIK program and a \$11/2 billion decline in regular payments. Grants-inaid to State and local governments increased \$1/2 billion; a \$1 billion increase in highway grants was partly offset by a \$1/2 billion decline in food and nutrition grants. The increase in highway grants reflected the initial spending of funds from the gasoline excise tax increase in April under the Highway Revenue Act of 1982.

Transfer payments to persons declined \$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]

			Receipts				I	Expenditure	3	l		Surp	lus or defici	t (–)	
			Change f	rom precedi	ng period			Change f	rom precedi	ng period			Change f	rom precedi	ng period
Year and quarter	Level	Percent- age of potential GNP	Total	Due to automatic inflation effects	Due to discre- tionary policy and other factors	Level	Percent- age of potential GNP	Total	Due to automatic inflation effects	Due to discre- tionary policy and other factors	Level	Percent- age of potential GNP	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	$\begin{array}{c} -20.4 \\ -15.9 \\ -2.0 \\ -17.1 \\ -3.2 \\ -32.6 \end{array}$	-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		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		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		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		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		-1.0	-29.4	11.9	-41.2
1977: I II III IV	385.3 387.8 390.7 405.3	20.2 19.8 19.5 19.8	15.3 2.5 2.9 14.6	6.3 8.1 6.7 7.4	9.0 -5.6 -3.8 7.3	391.9 403.8 421.9 433.3	20.6 20.7 21.1 21.2	2.1 11.9 18.1 11.4	1.7 2.9 6.5 4.5	8.9 11.6 6.9	$   \begin{array}{r}     -6.6 \\     -16.0 \\     -31.2 \\     -27.9   \end{array} $	3 8 -1.6 -1.4	13.1 9.4 15.2 3.3	4.5 5.1 .1 2.9	8.6 -14.5 -15.4 .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	$\begin{array}{c c} 3.6 \\ -2.3 \\ -12.2 \\ -11.2 \end{array}$
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	
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	
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	
1980: I	542.7	20.6	18.2	14.9	3.3	560.2	21.3	23.7	3.5	20.3	-17.5 $-18.5$ $-19.0$ $-13.6$	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		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		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		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	$ \begin{array}{c c} -1.0 \\ 4.2 \\ 11.4 \\ 3.8 \end{array} $	.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		-1.6	-6.9	2	5.9	4.0	1.9
III	704.8	20.6	1.2	4.4	-3.1	743.1	21.7	32.7		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		37.8	-72.4	-2.1	-34.1	1.4	-35.6
1983: I II	728.8 748.1 729.0	20.5 20.7 19.9	16.5 19.3 19.1	10.6 5.4 4.9	5.9 13.9 -24.0	773.8 783.9 802.9	21.8 21.7 21.9	11.0 10.1 19.0	3.9 .5 1.8	-14.8 9.7 17.2	-45.0 -35.9 -74.0	-1.3 -1.0 -2.0	27.4 9.1 -38.1	6.7 4.9 3.1	20.7 4.1 -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	ī	11	Ш
Compensation per hour of all persons in the business economy other than farm and housing (percent change at annual rate)¹.      Less: Contribution of supplements	.4	7.1 1.1 3	4.5 3 3	3.9 .3 1
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).  6. Less: Contribution of nonproduction workers in manufacturing  7. Less: Contribution of non-BLS data, detailed weighting, and seasonal adjustment.  8. Equals: Average hourly earnings, production and nonsupervisory workers in the private nonfarm economy (percent change at annual rate)	2 1.4	5.5 3 2 5.9	3.7 5 .5	3.4 3 .8 2.9

Table 3.-National Defense Purchases of Goods and Services

			Se	asonalls	adjuste	d at an	nual rat			- 1		Pero	ent cha	nge from	n preced	ling per	iod at a	nnual r	ates	—
		Billio	ons of de		aajassa		Billions		dollars				t price o		ii proces				ice inde	
	19	182		1983		198	32		1983		19	82		1983		19	82		1983	
	III	IV	I	II	Ш	Ш	IV	I	II	Ш	Ш	IV	I	п	ш	Ш	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.  Military equipment Aircraft. Missiles Ships. Vehicles Electronics equipment Other Other	52.2 43.0 18.6 5.7 6.1 3.2 3.5 5.9 9.2	53.6 42.9 18.0 6.1 5.7 3.8 3.3 6.0 10.7	55.3 45.5 18.0 7.8 5.8 3.7 3.4 6.9 9.7	60.1 49.8 21.1 6.7 7.3 4.3 3.5 6.9 10.2	60.6 51.0 20.5 7.7 7.1 4.3 3.7 7.6 9.6	22.5 18.1 7.1 2.4 2.5 1.1 1.9 3.0 4.4	22.8 17.7 6.8 2.4 2.3 1.3 1.8 3.1 5.1	23.5 18.9 6.5 3.6 2.3 1.3 1.8 3.5 4.6	25.2 20.4 7.9 2.8 2.9 1.5 1.9 3.4 4.8	24.6 20.1 7.0 3.2 2.8 1.5 1.9 3.8 4.5	11.6 12.4 26.9 4.4 3.6 6.1 -2.5 4.7 2.4	4.6 6.5 .9 36.7 4.1 .8 6.1 -1.0 3.7	$     \begin{array}{r}     5 \\      -2.4 \\      25.9 \\      -45.7 \\      1.7 \\      11.3 \\      2.8 \\      1.2 \\      .7   \end{array} $	5.9 6.0 -15.5 46.3 3.4 8 2.7 5.2 4.1	14.2 16.2 51.2 3.6 4.1 6.4 4.5 2.2	9.5 11.0 20.8 7.8 9.7 2 3.1 4.4	8.2 10.0 16.9 13.4 6.7 -4.4 2.0 0 2.0	4.4 4.2 7.6 -6.1 5.4 1.0 3.7 2.2 5.2	3.1 3.3 2.1 13.2 .7 3.0 1.4 3.0 2.7	7.0 8.7 16.7 1.5 .5 7.7 5.4 1.7 1.2
Nondurable goods Bulk petroleum products Ammunition Clothing and textiles Other nondurable goods	2.2	15.0 10.6 2.5 .7 1.2	14.8 10.1 2.6 .9 1.2	14.0 9.5 2.3 1.0 1.1	13.4 8.8 2.6 .9 1.1	2.8 1.1 .8 .4 .5	3.0 1.2 .9 .4 .5	3.1 1.2 .9 .5 .5	3.1 1.2 .9 .5 .5	3.0 1.1 .9 .5	16.8 -12.0 14.4 -1.4 2.0	9.0 6.6 12.2 -2.9 6.9	$ \begin{array}{r} -21.9 \\ -21.0 \\ -1.7 \\ 2.4 \\ -5.2 \end{array} $	-14.3 -25.5 -8.8 .8 3.6	-3.4 3.8 11.3 7.1 3.1	$ \begin{array}{r} -2.5 \\ -5.2 \\ 10.3 \\7 \\ 1.1 \end{array} $	1.0 .4 6.6 7 0	$ \begin{array}{r} -16.0 \\ -23.9 \\ 10.5 \\ 0 \\ 4.3 \end{array} $	$\begin{array}{c} -14.6 \\ -21.2 \\ 1.4 \\ 1.3 \\ 3.5 \end{array}$	-8.5 $-13.1$ $1.7$ $8.8$ $-1.0$
Services	40.6 27.4	118.1 70.6 42.2 28.4 47.5	120.3 71.5 42.4 29.1 48.8	120.7 71.7 42.5 29.2 49.0	123.2 71.8 42.6 29.3 51.3	53.3 34.0 19.9 14.0 19.3	53.8 34.1 20.0 14.1 19.7	54.3 34.2 20.0 14.2 20.1	53.9 34.2 20.0 14.2 19.7	55.0 34.2 20.0 14.2 20.8	3.2 .8 .4 1.2 4.4	12.1 13.9 15.5 11.6 8.8	4.1 3.6 .7 8.0 4.4	4.3 .9 .7 1.2 10.3	.2 1.2 1.1 1.2 -3.3	2.7 .7 .4 1.2 6.7	11.8 14.0 15.5 11.6 7.7	3.7 3.5 .7 8.0 4.1	2.5 .9 .7 1.2 5.7	$\begin{array}{c} .3 \\ 1.2 \\ 1.1 \\ 1.3 \\ -1.6 \end{array}$
Contractual research and development	14.1 2.9 3.3 1.1 19.0 5.2	14.4 2.7 3.3 1.0 20.4 5.5	16.2 2.4 3.1 1.0 20.4 5.6	15.9 2.6 3.4 1.1 20.4 5.6	16.2 2.6 3.7 1.2 21.6 6.1	5.9 1.2 1.4 .6 8.1 2.1	5.9 1.1 1.4 .6 8.6 2.1	6.6 1.0 1.3 .6 8.5 3.1	6.3 1.1 1.4 .6 8.2 2.0	6.5 1.1 1.6 .7 8.7 2.2	9.9 2 -1.4 4.8 .7 5.2	$\begin{array}{c} 7.8 \\ 1.4 \\ -2.2 \\ -9.9 \\ 7.7 \\ 31.5 \end{array}$	3.6 -6.4 -2.5 25.8 2.7 18.7	9.6 8.0 5.1 -5.9 14.2 10.8	$ \begin{array}{r} -2.0 \\ -3.6 \\ -21.4 \\ .9 \\ -1.9 \\ 0 \end{array} $	$   \begin{array}{r}     9.8 \\     -2.0 \\     1.8 \\    9 \\     6.3 \\     12.4   \end{array} $	12.0 2.8 -3.6 2.9 7.9 8.9	2.5 -4.5 1.3 2.9 6.5 11.4	6.1 4.3 8.6 5 4.6 8.9	$ \begin{array}{r} -1.7 \\ -5.2 \\ -17.8 \\ .9 \\ 2.7 \\ 1.9 \end{array} $
Structures Military facilities Other Addenda:	2.5	4.1 2.5 1.6	3.9 2.3 1.6	4.6 2.9 1.7	4.8 3.0 1.7	1.9 1.2 .7	1.8 1.2 .7	1.7 1.1 .7	2.0 1.3 .7	2.1 1.4 .7	$   \begin{array}{r}     -6.6 \\     -8.2 \\     -3.2   \end{array} $	1.1 .6 3.3	4.3 1.3 7.3	4.5 7.0 3.5	4.4 4.9 5.0	7.4 11.5 0	5.4 7.2 2.0	7.9 9.2 5.4	10.3 13.4 4.3	11.0 13.3 6.6
Total purchases less compensation	115.6 106.1	120.2 109.6	122.9 112.8	127.7 118.1	130.0 121.2	46.5 45.4	47.3 46.2	48.5 47.3	50.0 48.8	50.4 49.3	7.4 7.7	8.5 6.5	8 1.6	3.5 6.7	4.1 6.3	6.6 8.0	6.9 7.6	1.6 4.5	2.1 4.5	1.8 3.2

Source: Government Division, Bureau of Economic Analysis.

Revised.
Preliminary.
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.

## **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

PreliminaryRevised

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 o	of dollars						Bil	lions of 1	972 dolla	ars		
			-	Seasonal	y adjuste	ed at ann	ual rates	3				Seasonal	y adjuste	ed at ann	ual rates	1
	1981	1982		1982			1983		1981	1982		1982			1983	
			11	Ш	IV	I	II	III <sup>r</sup>			11	Ш	IV	I	11	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 Nondurable goods Services		244.5 761.0 986.4	242.9 754.7 975.2	243.4 766.6 998.9	252.1 773.0 1,021.8	258.5 777.1 1,037.4	277.7 799.6 1,069.7	284.5 814.8 1,083.6	141.2 362.5 453.1	139.8 364.2 466.2	139.5 363.5 465.7	138.2 364.7 468.2	143.2 366.0 470.4	145.8 368.9 472.0	156.5 374.7 479.4	158.8 378.1 481.1
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	352.2 133.4 218.8 104.3 99.8 1.3	439.1 348.3 141.9 206.4 90.8 86.0 1.5 3.2 -24.5 -23.1 -1.4	443.7 352.7 144.2 208.5 91.0 86.1 1.6 3.3 -11.2 -8.8 -2.4 33.3	430.2 342.3 140.0 202.2 87.9 83.4 1.3 3.3 -4.9 -2.3 -2.6	433.8 337.0 138.6 198.4 96.8 91.2 2.3 3.3 -56.4 -53.7 -2.7	443.5 332.1 132.9 199.3 111.3 106.7 1.3 3.4 39.4 4 17.0	464.6 336.3 127.4 208.8 128.4 123.3 1.5 3.5 -14.5 -10.3 -4.2	489.5 349.6 130.1 219.6 139.9 134.7 1.6 3.6 8.7 18.8 -10.1	219.1 174.4 52.5 121.9 44.7 42.1 .5 2.0 8.5 5.1 3.4	203.9 166.1 53.4 112.7 37.8 35.2 .6 1.9 -9.4 -8.6 8	204.9 167.1 54.0 113.1 37.8 35.2 .7 1.9 -3.4 -2.2 -1.2	199.8 163.3 53.0 110.3 36.5 34.1 .5 1.9 -1.3 .1 -1.4	201.1 160.5 52.2 108.3 40.6 37.8 .9 1.9 -22.7 -21.1 -1.6	205.4 159.9 50.3 109.6 45.5 43.0 .5 2.0 -15.4 -15.1 3	215.6 163.0 48.3 114.7 52.6 50.0 .6 2.1 -5.4 -3.3 -2.1 12.3	225.5 169.3 49.4 119.9 56.2 53.5 .6 2.1 3.9 9.0 —5.1
ExportsImports	368.8 342.5	347.6 330.2	364.5 331.2	346.0 345.0	321.6 316.1	326.9 309.9	327.1 335.6	341.1 361.3	159.7 116.7	147.3 118.4	154.5 121.1	146.4 122.4	136.5 113.5	137.3 116.8	136.2 123.9	140.6 130.2
Government purchases of goods and services	595.7	649.2	631.6	655.7	679.7	677.4	683.4	699.4	286.5	291.8	285.8	292.2	299.7	292.9	292.1	295.8
Federal National defense Nondefense State and local	229.2 154.0 75.2 366.5	258.7 179.4 79.3 390.5	244.1 175.2 68.9 387.5	261.7 183.6 78.1 394.0	279.2 190.8 88.5 400.5	273.5 194.4 79.1 404.0	273.7 199.4 74.3 409.7	278.9 201.9 77.0 420.6	110.4 73.6 36.8 176.1	116.6 78.8 37.8 175.2	110.3 77.8 32.5 175.4	116.9 80.4 36.5 175.3	124.4 81.4 43.0 175.2	118.4 82.7 35.7 174.5	117.6 84.2 33.4 174.5	119.3 84.6 34.7 176.5

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

Gross national product	2,954.1	3,073.0	3,070.2	3,090.7	3,109.6	3,171.5	3,272.0	3,360.3	1,513.8	1,485.4	1,489.3	1,485.7	1,480.7	1,490.1	1,525.1	1,553.6
Final salesChange in business inventories	2,935.6 18.5	3,097.5 -24.5	3,081.4 -11.2	3,095.6 -4.9	3,165.9 -56.4	3,210.9 -39.4	$3,286.6 \\ -14.5$	3,351.7 8.7	1,505.3 8.5	1,494.8 -9.4	1,492.7 -3.4	$1,487.0 \\ -1.3$	1,503.4 22.7	1,505.5 -15.4	1,530.5 -5.4	1,549.7 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 salesChange in business inventories		1,305.4 -24.5	1,302.0 -11.2	1,291.5 -4.9	1,321.2 -56.4	1,331.6 -39.4	1,361.3 -14.5	1,384.4 8.7	684.1 8.5	671.0 -9.4	$668.1 \\ -3.4$	663.0 -1.3	674.8 22.7	672.3 -15.4	687.2 -5.4	696.8 3.9
Durable goods Final sales Change in business inventories Nondurable goods Final sales Change in business inventories	524.3 3.6 763.9 749.1	500.8 516.3 -15.5 780.1 789.1 -9.1	514.3 516.8 -2.5 776.5 785.2 -8.7	518.4 512.0 6.4 768.3 779.5 —11.3	474.0 519.0 -45.0 790.8 802.2 -11.4	482.7 520.9 -38.2 809.5 810.6 -1.2	536.8 545.7 ~8.9 810.0 815.7 ~5.7	574.2 560.1 14.2 818.8 824.3 -5.5	294.0 292.5 1.6 398.6 391.7 6.9	269.6 276.1 -6.5 392.0 394.9 -2.9	275.4 276.5 -1.1 389.3 391.6 -2.3	274.9 271.6 3.2 386.7 391.3 -4.6	256.4 275.3 -18.9 395.6 399.4 -3.8	261.3 277.0 15.7 395.6 395.2	287.4 291.1 -3.7 394.5 396.1 -1.7	302.0 295.7 6.3 398.7 401.1 -2.4
ServicesStructures	1,374.2 288.0	1,511.1 281.0	1,496.4 283.0	1,527.2 276.9	1,560.5 284.3	1,588.4 290.9	1,623.4 301.9	1,647.3 319.9	702.7 118.5	712.2 111.6	712.8 111.9	713.9 110.2	715.0 113.6	717.8 115.4	723.0 120.3	726.3 126.5
Addenda: Gross domestic purchases <sup>1</sup>	2,927.8 2,909.4	3,055.6 3,080.1	3,037.0 3,048.2	3,089.8 3,094.7	3,104.0 3,160.4	3,154.6 3,193.9	3,280.5 3,295.0		1,470.8 1,462.3	1,456.5 1,465.9	1,455.9 1,459.4	1,461.7 1,463.0	1,457.7 1,480.4	1,469.6 1,485.0	1,512.8 1,518.3	

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

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

Gross national product	2,954.1	3,073.0	3,070.2	3,090.7	3,109.6	3,171.5	3,272.0	3,360.3	1,513.8	1,485.4	1,489.3	1,485.7	1,480.7	1,490.1	1,525.1	1,553.6
Gross domestic product		3,025.7						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		2,594.6			2,619.1	2,675.5	2,769.8	2,850.2	1,285.8	1,259.6	1,262.1	2,260.4	1.255.9	1,266.1	1.301.2	1.328.8
Nonfarm	2,432.8	2,520.0	2,521.8	2,536.6	2,539.1	2.601.8	2,700.5	2.779.5	1.247.7	1.220.4	1.224.0	1.223.4	1,213.2	1.227.5	1.265.1	1.291.9
Nonfarm less housing	2,193.7	2,252.6	2,258.7	2,265.9	2,261.0	2.317.9	2,411.0	2,483.8	1.110.9	1.078.3	1,082.7	1.080.7	1,068.9	1.081.9	1.118.2	
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		46.7	46.6	46.8	46.9	47.1	47.3	47.6
Private households		7.6	7.6	7.7	7.8	8.0	8.1	8.2	3.1	3.3	3.2	3.3	3.3	34	3.4	3.5
Nonprofit institutions		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		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		101.1	100.1	100.7	104.2	105.6	106.0	106.2	50.0	50.5	50.3	50.5	50.7	50.8	50.8	50.8
State and local	206.5	223.0	221.1	225.0	229.5	233.8	238.1	242.6	106.0	105.6	106.0	105.4	105.1	105.1	105.1	105.2
Rest of the world	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:	1				1	1	1		2010		1 2	1		1		1
Gross domestic business product less housing	2,261.7	2,318.4	1	l	l	]	1	l	1.147.6	1.116.2	1	]				l
•			1						2,22	-,						1

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 o	of dollars	1							Billions o	of dollars			
			8	Seasonall	y adjuste	ed at anr	ual rate	s				5	Seasonall	y adjuste	d at ann	ual rate	3
	1981	1982		1982			1983			1981	1982		1982			1983	
			11	Ш	IV	I	II	III '				п	Ш	īV	1	II	III '
Gross domestic prod- uct 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 Indirect business tax and nontax liability plus	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 allow- ances with CCAdj	202.9	222.0	220.2	224.5	227.7	228.3	229.8	233.1	business transfer pay- ments 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			1,675.4		ļ	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 pay-	1,001.1	1,010.1	1,010.4	1,001.0	1,010.4	1,120.5	1,000.1	1,000.0	ployees	1,155.8 966.1	1,198.6 997.3	1,199.7 998.7	1,205.6 1,003.1	1,201.2 998.2	1,222.4 1,012.0	1,253.9 1,037.2	1,283.8 1,060.5
ments less subsidies	184.8	187.6	186.3	188.4	191.4	195.6	207.3	211.0	wages and salaries Corporate profits with	189.7	201.3	201.0	202.6	203.0	210.4	216.7	223.3
Domestic income Compensation of em-	1,466.9	1,487.5	1,492.2	1,496.5	1,484.0	1,530.3	1,599.4	1,658.8	IVA and CCAdj	150.2	124.0	126.5	127.5	114.3	133.9	165.7	194.3
ployees	1,230.2 1,027.7	1,282.2 1,065.8	1,282.2 1,066.3	1,290.8 1,072.9	1,289.2 1,070.3	1,313.6 1,086.9	1,347.6 1,114.1	1,379.2 1,138.7	Profits before tax Profits tax liability Profits after tax	183.0 65.5 117.5	131.5 41.2 90.3	136.6 43.6 93.0	134.4 42.0 92.4	117.9 33.6 84.4	119.7 41.8 77.9	149.0 55.0 94.0	173.9 64.0 109.9
wages and salaries Corporate profits with	202.5	216.4	215.9	217.9	218.9	226.7	233.5	240.6	Dividends Undistributed	53.5	57.2	55.7	58.5	59.2	63.3	65.6	63.3
IVA and CCAdj	168.7	143.0	145.0	147.8	137.8	161.6	197.7	225.4	profits	64.0	33.1	37.3	33.9	25.1	14.5	28.4	46.5
Profits before tax Profits tax liability Profits after tax	203.3 82.8 120.5	152.4 59.2 93.2	157.1 61.4 95.6	156.6 60.8 95.8	143.4 54.0 89.4	149.5 61.5 88.0	182.8 76.0 106.7	206.4 85.2 121.2	IVA CCAdj Net interest	$     \begin{array}{r}       -23.6 \\       -9.1 \\       \hline       65.2     \end{array} $	-8.4 .8 65.2	-8.5 -1.6 67.9	$-9.0 \\ 2.1 \\ 61.8$	$-10.3 \\ 6.7 \\ 61.9$	-1.7 15.9 59.7	-10.6 27.3 58.6	-18.6 39.1 58.7
Dividends Undistributed	50.3	54.4	53.3	55.5	56.7	60.6	62.9	60.6				Bil	lions of	1972 doll	ars		
IVA CCAdj Net interest Gross domestic	70.2 -23.6 -11.0 68.1	38.8 -8.4 -1.1 62.3	42.3 -8.5 -3.5 65.0	40.3 9.0 .1 58.0	32.6 -10.3 4.7 57.1	27.4 -1.7 13.9 55.1	43.9 -10.6 25.6 54.0	60.6 -18.6 37.6 54.2	Gross domestic prod- uct of nonfinancial corporate business	887.5	857.7	860.5	859.5	846.4	856.0	885.8	909.8
product of finan- cial corporate business	114.6	120.4	118.4	122.6	128.2	136.5	144.1	145.4	Capital consumption allow- ances with CCAdj	93.2	96.8	96.4	97.2	98.2	98.9	99.8	101.1
Gross domestic product of non- financial corpo-									Net domestic product Indirect business tax and nontax liability plus	794.3	760.9	764.1	762.3	748.2	757.2	786.0	808.7
rate business Capital consumption allow- ances with CCAdj	1, <b>739.9</b> 192.2	1,776.7 210.0	1,780.2 208.4	1,786.8 212.3	1,775.0 215.1	1,817.6 215.3	1,892.4 216.7	1,957.5 219.6	business transfer payments less subsidies Domestic income	95.0 699.3	94.2 666.6	94.7 669.5	94.0 668.3	93.9 654.3	96.4 660.8	97.5 688.4	99.1 709.6

Table 1.11.—National Income by Type of Income

National income	2,373.0	2,450.4	2,448.9	2,458.9	2,474.0	2,528.5	2,612.8	2,686.6
Compensation of employ-								
ees	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 gov-	_,_,_,	_,	_,		1	<b>'</b>	'	
ernment 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 contribu-								
tions for social in-					Í	İ		
surance	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
	1						1	
Proprietors' income with							1	ĺ
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		-8.4	-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		84.2	85.3	84.5	86.0	91.0	96.8	100.6
IVA		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
		1			1		1	l
Rental income of persons	l		400				54.8	53.9
with CCAdj	41.4	49.9	49.0	50.9	52.3	54.1	94.8	53.8
Rental income of per-	77.0	86.3	85.7	87.6	87.4	91.6	92.2	94.8
sons		-36.5	-36.7	<b>-36.7</b>	-35.2	-37.5	-37.4	-40.8
CCAdj	- 35.6	-30.5	-30.7	-30.1	-35.2	-31.3	-31.4	-40.0
C	1	l	i	l	į.	l	•	l
Corporate profits with IVA	192.3	164.8	166.8	168.5	161.9	181.8	218.2	246.2
and CCAdj	192.3	104.0	190.0	190.9	101.9	101.0	210.2	240.2
Corporate profits with	000.0	1050	1700	1000	157.2	168.0	192.7	208.5
IVA	203.3 227.0	165.9 174.2	170.3 178.8	168.3 177.3	167.5	169.7	203.3	227.2
Profits before tax		59.2	61.4	60.8	54.0	61.5	76.0	85.2
Profits tax liability		115.1	117.4	116.5	113.5	108.2	127.2	141.9
Profits after tax		68.7	67.8	68.8	70.4	71.4	72.0	73.7
Dividends	64.7	00.1	01.0	00.0	10.4	11.4	12.0	10.
Undistributed	79.5	46.4	49.5	47.7	43.1	36.7	55.2	68.2
profits		-8.4	-8.5	-9.0	-10.3	-1.7	-10.6	-18.6
IVA		-0.4	-8.5	-9.0	4.7	13.9	25.6	37.6
CCAqj	-11.0	-1.1	-0.5	.1	4.1	10.5	20.0	31.0
Net interest	249.9	261.1	268.3	256.4	254.7	248.3	243.8	245.3
	1	İ	1	1		ŀ	1	
Addenda:	ł	1				{	1	ļ
Corporate profits after	ł			1	l	1	1	}
tax with IVA and	l					1		
CCAdj		105.6	105.3	107.6		120.3		160.
Dividends	64.7	68.7	67.8	68.8	70.4	71.4	72.0	73.
Undistributed profits	1		1	1			ł	}
with IVA and CCAdj	44.8	37.0	37.5	38.9	37.5	48.9	70.1	87.5
	1	l .	1	1	l	l .	1	ł

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

			]	Billions o	of dollars			
		-	S	easonall	y adjuste	d at ann	ual rates	5
	1981	1982		1982			1983	
			11	Ш	IV	I	п	III r
Gross national product	2,954.1	3,073.0	3,070.2	3,090.7	3,109.6	3,171.5	3,272.0	3,360.3
Less: Capital consumption allowances with CCAdj Capital consumption al-	329.5	359.2	356.1	363.0	368.3	370.8	373.3	382.5
lowancesLess: CCAdj	271.6 -57.9	312.6 46.6	306.7 -49.4	317.5 45.5	329.5 38.8	$341.8 \\ -29.1$	359.0 14.3	378.5 4.0
Equals: Net national prod- uct	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. Business transfer payments	250.0 12.9	258.3 14.1	256.0 14.0	259.9 14.3	264.8 14.7	270.6 15.0	285.8 15.3	291.2 15.7
Statistical discrepancy Plus: Subsidies less current surplus of government enterprises	-4.9	9.5	1.7	2.5	4.2	-1.2 12.3	-3.5 11.8	1.1
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	192.3 249.9 237.0 .1 324.3 341.3 62.8 12.9	164.8 261.1 253.0 0 260.4 366.2 66.4 14.1	166.8 268.3 252.4 0 350.3 371.9 65.6 14.0	168.5 256.4 254.3 0 366.1 364.8 66.4 14.3	161.9 254.7 255.4 0 384.3 363.1 67.9 14.7	181.8 248.3 265.4 0 383.6 357.2 68.8 15.0	218.2 243.8 270.1 -1.3 390.0 357.1 69.3 15.3	246.2 245.7 274.4 4 386.9 369.0 70.9
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										
:					adjuste		ual rate				
	1981	1982		1982	adjuste	u at am	1983				
	2001	1002	II	III	IV	I	II	III '			
Personal income	, ·	2,578.6	2,563.2	1	2,632.0	-		2,763.2			
Wage and salary disbursements Commodity-producing	1,493.2	1,568.1	1,563.8	1,579.8	1,586.0	1,610.7	1,648.4	1,682.0			
industries	509.5 385.3	509.2 383.8	513.7 386.8	508.9 384.8	499.5 377.4	508.6 385.4	522.2 397.4	537.8 409.1			
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. <del>9</del>	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 bene-					ĺ						
fitsGovernment unemployment	182.0	204.5	197.3	209.3	216.5	217.4	221.1	223.8			
insurance benefits Veterans benefits	15.6 16.1	24.8 16.4	23.2 16.2	24.9 16.3	32.2 16.6	29.0 16.9	30.0 16.6	22.9 16.6			
Government employees retire-	l					}					
ment benefits Other transfer payments	49.3 74.2	54.2 74.6	54.5 73.0	55.1 74.9	55.8 77.9	56.6 78.7	58.3 79.3	59.3 80.0			
Aid to families with depend-	13.5	13.4	13.4	13.3	13.5	14.1	14.4	141			
ent children Other	60.8	61.2	59.7	61.6	64.3	64.5	64.9	14.1 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	l <u>.</u> .										
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 Personal consumption expend-	1,912.4	2,051.1	2,031.9	2,068.4	2,107.0	2,134.2	2,209.5	2,247.6			
itures	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 dol-							1				
larsPer capita:	1,054.7	1,060.2	1,060.2	1,059.3	1,066.1	1,073.8	1,083.0	1,102.1			
Current dollars	8,906	9,377	9,315	9,430	9,562	9,661	9,834	10,075			
1972 dollars Population (millions)	4,587 229,916	4,567 232,118	4,574 231,790	4,558 232,387	4,576 232,990	4,599 233,501	4,629 233,984	4,699 234,561			
Personal saving as percentage of disposable personal income	6.6			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										
			Seasonally adjusted								
	1981	1982		1982		1983					
			II	Ш	IV	I	II	III '			
Current-dollar cost and profit per unit of constant-dollar gross domestic product <sup>1</sup>	1.960	2.072	2.069	2.079	2.097	2.123	2.136	2.152			
Capital consumption allowances with CCAdj Net domestic product	1.744	1.827	1.827	1.832	.254 1.843	1.872	1.892	.241 1.910			
sidies	.199 1.545 1.302		.207 1.620 1.394	.209 1.623 1.403	.215 1.627 1.419			.221 1.689 1.411			
IVA and CCAdj Profits tax liability Profits after tax with IVA and CCAdj Net interest	.074	.145 .048 .097 .076	.147 .051 .096 .079	.148 .049 .099 .072	.135 .040 .095 .073	.156 .049 .108 .070	.187 .062 .125 .066	.214 .070 .143 .065			

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

			1	Billions o	of dollars			
			S	Seasonall	y adjuste	d at anr	ual rate	<u>s</u>
	1981	1982		1982			1983	
<del>~~~~</del>			II	Ш	IV	I	П	III r
Personal consump- tion 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 Furniture and household equipment	101.6 93.3	109.9 93.5	107.6 93.9	109.4 93.5	116.1 94.9	118.4 97.3	133.9 100.8	137.3 103.0
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	375.9 115.3 94.6 148.1 20.7 127.4	396.9 119.0 91.5 153.5 20.0 133.5	394.7 119.0 89.6 151.5 19.6 131.9	400.4 119.2 91.3 155.6 20.9 134.8	404.5 119.6 91.1 157.9 20.2 137.7	411.7 120.0 87.3 158.1 17.7 140.4	419.6 126.4 90.3 163.3 21.2 142.1	426.4 125.2 93.1 170.1 23.1 147.0
Services	887.1	986.4	975.2	998.9	1,021.8	1,037.4	1,069.7	1,083.6
Housing	302.0 128.4 66.8 61.6 65.5 391.3	334.1 144.3 76.3 68.0 68.4 439.6	329.7 144.6 77.2 67.4 68.0 432.9	337.8 145.2 76.2 69.0 69.8 446.1	345.2 147.1 76.8 70.3 69.2 460.3	352.6 145.9 74.1 71.8 70.1 468.8	359.5 155.4 82.8 72.6 70.9 483.9	367.2 156.4 83.3 73.1 71.6 488.5
			Bil	lions of	1972 doll	ars		
Personal consump- tion expenditures	956.8	970.2	968.8	971.0	979.6	986.7	1,010.6	1,018.0
Durable goods	141.2	139.8	139.5	138.2	143.2	145.8	156.5	158.8
Motor vehicles and parts Furniture and household	56.0	57.4	56.5	56.4	60.5	60.9	69.1	70.0
equipment Other	61.7 23.5	59.7 22.7	60.1 22.9	59.6 22.3	60.2 22.5	61.7 23.3	63.9 23.4	65.2 23.6
Nondurable goods	362.5	364.2	363.5	364.7	366.0	368.9	374.7	378.1
Food	181.8 83.2 25.2 72.3 3.6 68.7	184.0 84.4 25.6 70.2 3.5 66.6	182.9 84.4 26.2 70.0 3.6 66.5	184.8 84.1 25.3 70.6 3.7 66.9	186.4 84.5 25.2 70.0 3.4 66.6	188.2 84.7 26.3 69.7 3.3 66.4	189.4 88.4 26.3 70.7 4.1 66.6	193.1 86.1 26.3 72.6 4.4 68.2
Services	453.1	466.2	465.7	468.2	470.4	472.0	479.4	481.1
Housing Household operation Electricity and gas Other Transportation Other	166.7 63.0 24.8 38.2 32.3 191.1	171.3 63.5 24.9 38.6 31.7 199.6	171.0 64.2 25.6 38.5 31.9 198.7	171.7 63.5 24.7 38.8 32.0 201.0	172.4 63.0 23.9 39.1 31.4 203.5	174.0 61.9 23.0 39.0 31.2 204.8	175.5 64.2 25.1 39.1 31.4 208.2	177.0 64.4 25.3 39.1 31.6 208.1

Table 5.1.—Gross Saving and Investment

				Billion	s of dolla	ırs		
			5	easonal	lly adjust	ed at an	nual rate	es
	1981	1982		1982			1983	
			11	Ш	IV	I	II	Ш΄
Gross saving	483.8	405.8	439.5	397.9	351.3	398.5	420.6	452.0
Gross private saving  Personal saving  Undistributed corporate prof-	<b>509.6</b> 135.3	<b>521.6</b> 125.4	520.7 127.1	524.9 123.0	<b>526.6</b> 120.8	541.5 121.7	<b>535.0</b> 91.5	<b>585.2</b> 115.5
its with IVA and CCAdj Undistributed profitsIVA CCAdj	44.8 79.5 -23.6 -11.0	37.0 46.4 -8.4 -1.1	37.5 49.5 -8.5 -3.5	38.9 47.7 -9.0 .1	37.5 43.1 -10.3 4.7	48.9 36.7 —1.7 13.9	$\begin{array}{c} 70.1 \\ 55.2 \\ -10.6 \\ 25.6 \end{array}$	87.2 68.2 -18.6 37.6
Capital consumption allow- ances with CCAdj: Corporate Noncorporate Wage accruals less disburse- ments	202.9 126.6 0	222.0 137.2 0	220.2 135.9 0	224.5 138.5 0	227.7 140.5	228.3 142.6 0	229.8 143.5 0	233.1 149.4 0
Government surplus or deficit ( – ), NIPA'sFederalState and local		1158 147.1 31.3	-81.2 -1132 32.0	-127.0 -1583 31.3	-175.3 -208.2 32.9	-142.9 -183.3 40.4	-114.4 -166.1 51.7	-133.3 -188.5 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 invest- ment Net foreign investment	474.9 4.0	414.5 -8.3	432.5 8.7	425.3 -24.8	377.4 -21.9	404.1 -6.7	450.1 -33.0	498.2 -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

Receipts  Personal tax and nontax receipts Income taxes	1981 627.0 298.6 291.4 7.0 .3 67.5	1982 617.4 304.7 296.7 7.6 .3	II 622.2 308.5	1982 III 615.2	IV 612.6	I 623.3	1983 II 652.6	III ' 645.6
Personal tax and nontax receipts	627.0 298.6 291.4 7.0 .3	617.4 304.7 296.7 7.6	622.2 308.5	Ш			п	
Personal tax and nontax receipts	298.6 291.4 7.0 .3	304.7 296.7 7.6	622.2 308.5					
Personal tax and nontax receipts	298.6 291.4 7.0 .3	304.7 296.7 7.6	308.5	615.2	612.6	623.3	652.6	645.6
receipts	291.4 7.0 .3	296.7 7.6			i			
Income taxes	291.4 7.0 .3	296.7 7.6			l i	1		
Estate and gift taxes	7.0 .3	7.6		300.6	303.0	297.7	304.2	286.9
Nontaxes Corporate profits tax accru- als	.3		300.3	293.0	296.7	291.7	297.8	280.3
Corporate profits tax accru-	į	.0	8.0 .3	7.3 .3	6.0 .3	5.7 .3	6.1	6.3 .3
als	27 = 1			٠.	.5	٠.		.0
	04.01	46.5	48.4	47.8	42.1	48.6	59.8	66.8
	****						****	
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	2015	0100	0177.0	0100	010.0	000 =	000 0	0000
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	190.8	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 5.7	314.8 6.3	305.3 5.9	320.1	337.2 7.6	335.3 5.0	341.0 6.0	337.7 5.9
To foreigners	5.1	0.0	5.9	5.8	1.0	5.0	0.0	0.9
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 busi-	0 2.10					110.0		
ness	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
g 1 · 1 · .							1	
Subsidies less current sur-							1	
plus of government	12.4	15.8	12.7	149	22.8	10.0	100	09.9
enterprisesSubsidies	11.8	14.9	14.1	14.2 13.5	17.9	18.6 16.4	18.2 17.7	23.3 18.8
Less: Current surplus of	11.0	14.5	14.1	10.0	11.5	10.4	16.6	10.0
government enterprises	6	8	1.4	8	-4.9	-2.3	5	-4.5
Tames Wassan assumable laser								
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	-31.4	-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

Receipts	418.1	439.1	436.8	442.8	450.7	461.7	478.7	492.6
Personal tax and nontax	l	1				-	: 1	
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 accru-		1	- 1			j	i .	
als	15.3	12.7	13.1	13.0	11.9	12.9	16.2	18.4
Indirect business tax and	1	1	Į.					
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 in-							1	
surance	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 employ-							} .	
ees	206.5	223.0	221.1	225.0	229.5	233.8	238.1	242.6
Other	160.0	167.5	166.4	169.0	171.0	170.1	171.5	178.0
Transfer payments to per-	200.0				}			
sons	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
							1	
Less: Dividends received	1.9	2.3	2.2	2.4	2.5	2.6	2.7	2.8
Subsidies less current sur-	'	•			Ì			
plus of government	ł I					ļ.	ş	
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	l '-							
government enterprises	6.4	6.7	6.7	6.7	6.7	6.8	6.9	7.1
government enterprises	0.1	0.,	0	""	}	0.0		
Less: Wage accruals less	l .						l .	
disbursements	0	0	0	0	0	0	0	0
Surplus or deficit	}				1	l	1	
(-), NIPA's	35.3	31.3	32.0	31.3	32.9	40.4	51.7	55.3
G (1)	30.9	33.2	32.9	33.5	34.2	34.9	35.6	36.6
Social insurance funds				-2.1	-1.2	5.5	16.1	18.7
Other	4.4	1.9	8	] —Z.I	-1.2	9.9	10.1	10.1

Table 7.1.—Implicit Price Deflators for Gross National Product

			Index	numbe	rs, 1972	=100			
				Se	asonally	adjust	ed		
	1981	1982		1982		1983			
			11	Ш	IV	I	п	III r	
Gross national product	195.14	206.88	206.15	208.03	210.00	212.83	214.55	216.29	
Personal consumption	l	1				i	İ		
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 Services	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									
Fixed investment	208.4	215.3	216.6	215.3	215.7	215.9	215.5	217.1	
Nonresidential		209.7	211.1	209.6	209.9	207.7	206.3	206.5	
Structures		265.8	267.1	264.3	265.4	264.0	263.7	263.3	
Producers' durable equipment		183.1	184.4	183.3	183.2	181.8	182.1	183.2	
Residential	233.5	240.2	240.9	240.9	238.4	244.9	243.9	249.0	
Nonfarm structures		244.0	244.8	244.9	241.5	248.2	246.8	251.9	
Farm structures		245.9	246.5	242.4	249.9	248.2	249.8	251.9	
Producers' durable equipment		168.7	168.2	169.8	171.1	171.7	171.5	172.6	
Change in business inventories							111.0		
Net exports of goods and services									
Exports	230.8	236.0	236.0	236.3	235.6	238.0	240.2	242.5	
Imports	293.4	278.9	273.6	281.8	278.5	265.4	270.7	277.4	
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		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	
Diave ally local	200.1	222.0	220.3	224.I	220.0	201.0	204.0	200.0	

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

	Index numbers, 1972=100									
				Se	asonall	y adjus	ted			
	1981	1982		1982		1983				
		1	II	111	IV	1	11	111 '		
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		
expenditures Durable goods Nondurable goods Services	201.5	218.9	216.4	220.8	225.3	228.5	231.6	234.3		
Gross private domestic	1									
Fixed investment	221 1	231.5	231.5	232.8	232.5	235.6	235.2	237.4		
Fixed investment Nonresidential Structures	219 7	225.7	225.2	227.2	228.6	229.9	230.1	230.9		
Pa	000.0	246.2	246.1	246.9	248.2	248.1	247.5	248.4		
Durderes	200.0									
Producers' durable equipment	200.6	214.0	213.2	215.9 243.3	217.4 240.0	219.4	220.1 244.9	220.8		
Residential	235.0	242.4	243.4	245.5	240.0	246.5	244.9	249.7		
Change in business inventories										
Net exports of goods and services								ļ		
Exports	238.3	244.1	244.8	244.2	243.9	245.8	247.4	249.8		
Imports	319.4	309.4	309.1	306.7	306.1	303.2	298.2	299.3		
a	ţ			1	1	1	ł			
Government purchases of	1000	0004	004.0	007.		000 7	007.0	0000		
goods and services Federal National defense	212.2	226.4	224.6	227.5	231.4	233.7	235.2	238.2		
rederal	. Z15.0	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:	ţ		1	1	l l		1			
Gross domestic purchases 1	207.0	218.9	217.3	220.2	222.7	224.3	226.1	228.5		
Final sales	201.0	214.7	213.1	216.3	218.8	220.6	222.9	225.4		
Final sales to domestic purchas-	201.0	214.1	210.1	210.5	210.0	440.0	444.0	220.4		
ers 1	207.0	218.9	217.3	220.3	222.8	224.3	226.2	228.6		
ete	1201.0	210.3	211.0	220.0	222.0	224.0	220.2	220.0		
Personal consumption expendi-	ł			İ	1		ļ	ì		
tures, food	208.8	217.3	217.5	218.2	218.4	219.5	222.3	221.6		
Personal consumption expendi-	200.0	211.0	211.0	210.2	210.4	219.0	222.0	221.0		
tures, energy	358.6	363.7	351.6	366.8	374.9	357.0	362.9	370.4		
Other personal consumption ex-	300.0	000.1	001.0	1000.0	314.3	331.0	302.3	310.4		
	185.2	198.1	196.5	199.7	202.6	205.1	207.4	209.9		
			1120.0	120.6	404.0	1.602.1	401.4	1 400.9		
penditures	. 185.2	100.2		ı	1	1	1	ł		
penditures	1		019.0	216 2	0100	990.0	999.6	005 4		
penditures	201.8	214.7	213.2	216.3	218.8	220.6	223.0	225.4		
penditures	201.8 203.0		213.2 213.8	216.3 216.8	218.8 218.8	220.6 220.8	223.0 223.0	225.4 225.4		

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

	Perc	ent		Perc	ent at	annual	rates			Perc	ent		Perc	ent at	annua	rates	
				Se	asonal	ly adjus	ted						Se	asonal	ly adju	sted	
	1981	1982		1982			1983			1981	1982		1982			1983	
			II	Ш	IV	1	II	III r				II	III	IV	I	II	III '
Gross national product: Current dollars		4.0 -1.9 6.0 6.5 6.4	6.6 1.0 5.6 5.2 4.7	2.7 -1.0 3.7 5.9 5.9	2.5 -1.3 3.8 5.0 4.7	8.2 2.6 5.5 3.6 3.4	13.3 9.7 3.3 4.3 4.3	11.2 7.7 3.3 4.3 4.4	Government purchases of goods and services: Current dollars	.8 9.9	9.0 1.8 7.0 7.2 6.7	1.2 -5.0 6.5 5.5	16.1 9.4 6.2 5.8	15.5 10.6 4.4 7.2 7.0	-1.3 -8.8 8.2 4.7	3.6 -1.1 4.7 3.6	9.7 5.3 4.2 5.6
Personal consumption ex- penditures: Current dollars	11.3 2.7 8.4 9.0 9.2	7.3 1.4 5.8 5.9 5.7	7.2 3.1 4.0 3.9 3.5	7.5 .9 6.5 6.4 6.7	7.8 3.6 4.1 5.1 5.1	5.2 2.9 2.2 2.3 1.6	15.1 10.0 4.6 4.7 4.9	6.9 3.0 3.8 3.8 4.0	Fixed-weighted price index  Federal: Current dollars 1972 dollars Implicit price deflator Chain price index	9.5 16.3 3.7 12.1 10.8	12.9 5.6 6.9 7.3	4.5 -8.7 -14.0 6.2 3.9 2.9	5.3 32.1 26.3 4.6 3.8 3.6	7.0 29.5 28.3 1.0 7.6 8.7	-8.0 -18.0 12.2 3.8	2.6 .3 -2.8 3.2 .6	7.7 6.0 1.6 4.9
Durable goods: Current dollars	2.7 7.1 7.5 7.7	3.5 9 4.5 4.7 5.0	6.0 3.0 2.9 4.0 4.4	.7 -3.7 4.5 2.9 3.5	15.1 15.2 1 1.5 1.4	10.7 7.6 2.8 2.1 2.1	33.2 32.6 .5 1.1 1.9	10.2 6.2 3.8 3.6 4.1	Fixed-weighted price index	17.4 5.2 11.6 11.7 11.9	16.5 7.1 8.8 8.2 7.5	18.0 13.0 4.4 4.3 2.9	20.8 14.0 5.9 3.8 3.0	16.5 5.1 10.8 8.7 9.2	7.8 6.5 1.2 3.1 1.7	-1.2 10.7 7.4 3.1 .2 -1.8	5.1 1.8 3.2 5.4 4.7
Nondurable goods: Current dollars	1.9 7.7 8.4	3.7 .5 3.2 3.2 2.9	2.7 1.1 1.6 .8 1	6.4 1.3 5.1 5.5 5.9	3.4 1.5 1.9 2.6 2.9	2.1 3.2 -1.1 -1.9 -3.1	12.1 6.4 5.3 5.3 5.1	7.8 3.6 4.1 2.8 3.0	Nondefense: Current dollars 1972 dollars Implicit price deflator Chain price index Fixed-weighted price index	14.2 1.0 13.1 8.9 10.4	5.4 2.7 2.7 5.5 6.6	-49.2 -52.2 6.3 3.2 2.8	64.6 59.8 3.0 3.7 5.4	64.6 92.5 -14.5 5.0 7.3	-36.0 -52.6 35.0 5.3 3.8	-22.2 -23.5 1.8 1.5	15.2 17.3 -1.8 3.6 2.5
Current dollars 1972 dollars Implicit price deflator Chain price index Fixed-weighted price index	3.3 9.5	11.2 2.9 8.1 8.4 8.6	11.2 4.7 6.1 6.4 6.8	10.1 2.1 7.8 8.1 8.4	9.5 1.9 7.4 8.0 8.3	6.3 1.4 4.8 5.7 5.9	13.0 6.4 6.2 5.2 5.5	5.3 1.5 3.7 4.5 4.9	State and local: Current dollars 1972 dollars Implicit price deflator Chain price index Fixed-weighted price index	$-1.0 \\ 8.6$	6.6 5 7.1 7.1 6.3	8.1 1.3 6.7 6.6 5.6	6.8 4 7.2 7.1 6.4	6.8 1 6.9 6.9 5.9	3.5 -1.8 5.4 5.4 5.2	5.8 0 5.8 5.7 5.3	11.0 4.7 6.0 6.1 5.9
Gross private domestic investment: Current dollars	9.1	-12.7 -14.5	9.5 3.4	-6.5 -5.8		31.5 28.6	53.9 49.8	50.1 41.7	Addenda:  Gross domestic purchases: Current dollars	12.3 3.2 8.8	$\begin{array}{c} 4.4 \\ -1.0 \\ 5.4 \end{array}$	6.2 1.5 4.7 4.3 3.7	7.1 1.6 5.5 5.7 5.6	1.8 -1.1	6.7 3.3 3.3 3.0 2.8	16.9 12.3	12.8 8.3 4.1
Fixed investment: Current dollars 1972 dollars Implicit price deflator Chain price index Fixed-weighted price index	$\frac{2.9}{7.8}$	$ \begin{array}{c c} -3.8 \\ -6.9 \\ 3.3 \\ 5.2 \\ 4.7 \end{array} $	-4.2 -9.3 5.5 4.0 3.2	-11.7 -9.6 -2.3 2.3 2.3	3.4 2.7 .6 .5 5	9.2 8.8 .4 2.8 5.4	20.5 21.5 8 -1.0 7	23.2 19.5 3.1 2.6 3.7	Chain price index. Fixed-weighted price index.  Final sales: Current dollars. 1972 dollars. Implicit price deflator.	9.0 9.1 11.1 1.8 9.2	5.5 7 6.3 6.5	4.3 3.7 4.6 8 5.5 5.1 4.8	5.7 5.6 1.9 -1.5 3.4 5.9 6.0	3.0 4.9 4.6 9.4 4.5 4.7 5.0 4.7	3.0 2.8 5.8 .6 5.2 3.6 3.4	4.1 3.7 3.4 9.8 6.8 2.8 4.3 4.3	4.0 4.2 8.2 5.1 2.9 4.3 4.5
Nonresidential: Current dollars	5.2 8.4 9.0 9.1	3.8 5.8 5.6	-9.1 -14.3 6.0 4.9 5.1 -1.5	$ \begin{array}{r} -11.3 \\ -8.8 \\ -2.8 \\ 3.0 \\ 3.7 \\ -10.9 \end{array} $	-6.0 -6.6 .6 2.0 2.4 -4.0	-5.7 -1.5 -4.2 .5 2.3 -15.6	5.1 7.9 -2.6 5 .3	16.9 16.3 .5 .6 1.4	Chain price index	11.1 2.3 8.6 9.0	5.9 .2 5.6 6.0	4.8 4.2 4 4.5 4.3 3.7	6.0 6.2 1.0 5.2 5.7 5.6	8.8 4.8 3.8 4.9	3.6 3.4 4.3 1.2 3.0 2.9 2.7	13.3 9.3 3.7 3.7 3.4	9.7 5.7 3.8 4.0 4.2
1972 dollars Implicit price deflator Chain price index Fixed-weighted price index Producers' durable equipment:	7.5 11.8 9.6 8.0	1.8 4.6 5.1 4.1	1.1 4.2 4.0	-7.2 -4.1 1.2 1.4	-5.5 1.6 1.4 2.0	-13.9 -2.0 -2.7 1	-14.9 5 -2.9 -1.0	9.0 5 .3 1.5	Fixed-weighted price index	12.3 2.7	5.8 4.2 -1.7 6.0 6.5 6.4	3.7 6.3 .7 5.6 5.2 4.7	5.6 3.2 5 3.7 5.9 6.0	2.6 -1.2 3.8 5.0 4.7	8.6 2.9 5.5 3.6	3.4 13.5 9.9 3.2 4.3 4.3	4.2 11.2 7.6 3.3 4.3 4.5
Current dollars	10.6 4.2 6.1 8.6 9.8	-7.5 2.0 6.2	-14.0 -19.3 6.5 5.4 5.8	-11.6 -9.6 -2.2 4.2 5.2	-7.4 -7.1 3 2.4 2.6	1.8 5.0 -3.0 2.8 3.8	20.6 19.8 .7 1.1	22.2 19.4 2.3 .8	Business: Current dollars	12.6 3.0 9.3 9.3 9.5	3.4 -2.0 5.6 6.1 6.0	6.2 .7 5.4 4.9 4.5	2.5 5 3.1 5.7 5.8	1.4 -1.4 2.8 4.2 3.8	8.9 3.3 5.4 3.8 3.6	14.9 11.5 3.0 4.1 4.1	12.1 8.8 3.1 4.2 4.4
Current dollars  1972 dollars  Implicit price deflator  Chain price index  Fixed-weighted price index	1.4 -5.2 6.9 7.1 7.1	$     \begin{array}{r}       -15.4 \\       2.9 \\       3.2     \end{array} $	18.2 17.9 .2 .2	-13.0 -13.0 1 1 2	46.9 53.2 -4.1 -5.2 -5.4	75.3 57.3 11.4 11.2 11.4	76.7 79.5 -1.6 -2.5 -2.6	41.1 30.1 8.5 8.0 8.1	Nonfarm: Current dollars 1972 dollars Implicit price deflator Chain price index	12.7 3.0 9.5 9.5	3.6 -2.2 5.9 6.4	6.5 1.0 5.4	2.4 2 2.6	-3.3 3.8	10.3 4.8 5.2	16.1 12.8 2.9	12.2 8.8 3.2
Exports: Current dollars	8.9 .4 8.4 9.1 9.1	-5.7 -7.8 2.2 2.6 2.4	7.0 7.2 2 1.9 1.9	-18.9 -19.2 .4 8 -1.0	-25.3 -24.4 -1.1 2 5	6.8 2.4 4.3 3.6 3.2	-3.2 3.6 3.1 2.6	18.2 13.7 4.0 4.1 3.8	Fixed-weighted price index  Disposable personal income: Current dollars	9.6 12.0 3.2	6.1 6.3 .5	6.0 1.9	6.1 3	6.8 2.6	5.1 2.9	8.2 3.5	11.2 7.2
Imports: Current dollars	8.8 7.3 1.4 6.2 4.9	$\begin{vmatrix} 1.4 \\ -5.0 \\ -2.0 \end{vmatrix}$	-11.2	17.7 4.5 12.6 -3.0 -3.2	9	-7.5 12.1 -17.5 -2.6 -3.8	37.4 26.8 8.3 - 3.0 - 6.3	34.3 22.0 10.1 1.0 1.4									

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

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.<sup>1</sup>

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

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.

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.

<sup>1.</sup> 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).

<sup>2.</sup> The "other" component of national defense purchases of structures includes family housing, nuclear fuel production facilities, and net purchases of used

<sup>3. &</sup>quot;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 70 33	239 83 36	249 58 25	342 68 25	185 101 28	59 86 31	107 84 51	191 103 115	211 99 190	375 111 209	402 121 190
Maintenance facilities Training facilities Administration buildings	40	36 48 54	60 69 55	70 70 30	42 64 34	60 134 75	65 110 70	67 221 159	58 92 151	71 99 209	93 196 167
Roads and streets Airport runways Missile system facilities	34	11 21 4	12 14 2	15 30 4	8 17 8	10 27 11	10 48 7	67 32 39	39 15 117	21 34 99	21 58 69
Electronic and communication facilities Ammunition facilities Research and development buildings	4	11 5 19	10 8 18	11 12 24	10 26 56	23 61 184	25 68 61	47 59 25	61 136 41	84 40 52	93 33 59
WarehousesOther <sup>2</sup>	15 458	18 607	21 652	31 961	19 961	13 821	44 894	63 479	110 818	111 445	72 749

- 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 Engineering 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 Boechh 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.<sup>4</sup>

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

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

Performance specifications for a given category may, of course, change over time. For example, for troop housing, the specification might change from communal baths on each floor to private baths for each room. Under DOD procedures, a significant change in specification must be approved at the headquarters level in Washington, D.C. and concurrence obtained from the appropriate Assistant Secretary of Defense. For any specification change that this procedure signals, an estimate of the cost impact of the change is made by DOD, and that is used by BEA to adjust the unit For major specification price. 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.

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

The new category for "summer barracks" was linked into the troop housing facility class by BEA.

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

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

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

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	150.8
1978	159.6
1979	183.4
1980	202.8
1981	
1982	217.7
	i i

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—particulary in 1978—but the 1979 price differed little from the 1975 price. Then, from 1979 to 1982, the price increased at an average annual rate of 12 percent. Similar to troop housing, several major projects—which can take from 3 to 6 years—were started in the early

Table 3.—Price Indexes for Selected Military Construction Categories, 1972-82

[1972 = 100]

	Troop l	housing	Hospitals and	l infirmaries	Maintenan	ce facilities	Training	facilities	Ammunition facilities
Year	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	
1975 1976 1977	147.9 152.2 147.9	154.1 158.5 143.7	168.9 169.2 163.6	136.4 133.1 146.7	167.1 189.7 156.0	154.7 165.9 169.9	157.6 163.0 176.9	138.1 134.7 135.6	166.8 209.2
1978	141.3	139.2	150.5	170.7	139.5	186.3	192.5	130.6	260.2
	140.7	171.5	167.2	197.0	179.5	239.1	234.6	143.7	367.5
	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.

<sup>5.</sup> 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.

<sup>1.</sup> 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 hopitals. The price of dental clinics continued to accelerate and by 1982, the price index was 21 percent higher than for hospitals.

The price for construction of reserve maintenance shops increased more rapidly than that for tactical equipment maintenance shops in the 1972-76 period—at an average annual rate of 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 Engineering. The overall military construction deflators are used for forecasting future cost trends and for determining future overall construction budget requirements. The category indexes are used for forecasting price escalation for specific types of construction. In addition, they serve as checks on price abberations. When a particular price is markedly high or low, DOD questions the contracting district to determine the cause.

#### Future work

The cooperation between BEA and DOD originally worked out in the defense price project continues. The military services are attempting to obtain more timely and complete reporting of projects in order to develop more accurate files of the necessary data. Cooperative arrangements are underway with two DOD agencies to transfer the DD813 information via links between their computer and BEA's. Completely integrated files will permit either the DOD user or BEA to develop programs and results that best suit their needs as well as to do timely checks on the accuracy of the data.

Deflators for overseas construction projects would be of substantial interest, and work on them has started. To date, these projects have not been priced because of the lack of adequate information; in effect, overseas construction has been deflated by the domestic category indexes. The military services (particularly the Corps of Engineers) have informed their overseas construction offices of the requirements for adequate reporting and the methodology to be used. Some data have been received, but the quantity is inadequate for either developing prices for the base year or for coverage of any construction category. The ultimate goal is the development of separate deflators for overseas construction in at least two areas, Europe and the Far East.

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

THIS article presents estimates of selected items on the operations of nonbank U.S. affiliates of foreign companies in 1981. The estimates were obtained by expanding to universe totals the sample date collected in BEA's 1981 annual survey of foriegn direct investment in the United States (for the procedure used and coverage of the sample, see the technical note). These estimates are not strictly comparable with previously published sample data from the 1977-79 annual surveys.

The article summarizes changes in 1981. The changes are derived using universe data for 1980 comparable to the estimates for 1981. The 1980 data are from BEA's most recent benchmark survey, or census, of foreign

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

direct investment in the United States.<sup>3</sup>

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

3. Results of the 1980 benchmark survey were summarized in R. David Belli, "Foreign Direct Investment in the United States: Highlights from the 1980 Benchmark Survey," Survey 63 (October 1983). More detailed data from the benchmark survey were published in Foreign Direct Investment in the United States, 1980 (Washington, D.C.: U.S. GPO, October 1983).

4. For a detailed discussion of new investments in 1981, see R. David Belli, "U.S. Business Enterprises Acquired or Established by Foreign Direct Investors in 1981," Survey 62 (June 1983): 27-31. (The 1981 data in that article were preliminary; for revised 1981 data, see the article in the June 1982 issue.)

Direct comparisons of financial and operating data

from the annual survey with those from the survey of new investments are precluded by differences in methodology and coverage. For 1981, a particularly important difference is that the annual survey data cover U.S. business enterprises that were affiliates of a for-eign person at the end of the enterprise's 1981 fiscal year, while the data from the survey of new invest ments cover investments that occurred during the 1981 calendar year. For example, the acquisition of another U.S. enterprise by an existing U.S. affiliate during calender year 1981 would be reported in the survey of new investments, but not in the annual survey, if the acquisition occurred after the close of the existing affiliate's 1981 fiscal year. (For the annual survey, an affiliate's fiscal year was defined to be its financial reporting year that ended in calender 1981.) Another important difference is that banks are not included in the annual survey data but are included in the new investments data. Other differences between the two surveys are discussed in Howenstine, "Selected Data," p. 52.

The growth rate for employment was much lower than that for assets for two reasons. First, businesses newly acquired in 1981 were heavily concentrated in finance, mining, and chemicals manufacturing—industries with particularly low employment-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.

<sup>1.</sup> 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.

terprise.

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.

employment may differ from that based on assets (or any other measure). For example, based on assets, the rate of growth for wholesale trade was one of the highest among the major industries; based on employment, it was well below average.

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

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

		Millions o	of dollars	
	1980	1981	Change	Percent change
All industries, all countries	292,033	395,032	102,999	35
By industry		}	}	
Mining Petroleum Manufacturing Food and kindred products Chemicals and allied products Primary and fabricated metals Machinery Other manufacturing Wholesale trade Retail trade. Finance, except banking Insurance Real estate Other industries	6,813 44,060 81,684 8,203 26,086 10,277 17,427 19,690 50,068 9,685 32,291 36,240 19,872 11,320	11,710 54,249 120,523 12,575 49,630 11,418 21,371 25,530 76,099 10,991 37,101 41,163 27,221 15,974	4,897 10,190 38,839 4,371 23,544 1,141 3,943 5,840 26,030 1,306 4,810 4,924 7,349 4,653	72 23 48 58 90 11 22 30 52 18 14 41
Canada Europe Of which: France Germany Netherlands United Kingdom Switzerland Japan Australia, New Zealand, and South Africa Latin America Middle East Other Africa, Asia, and Pacific United States	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	78, 518 223,915 31,765 34,055 43,954 68,418 28,246 31,505 30,082 8,733 12,952 3,286 6,042	30,639 37,834 6,111 2,859 7,851 11,824 6,214 3,878 23,109 967 5,679 446	64 20 22 22 25 26 14 333 15 78

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

	Nun	ber of emplo	yees	Percent
	1980	1981	Change	change
All industries, all countries	2,033,932	2,343,115	309,183	15
By industry		!		
Mining Petroleum Manufacturing Food and kindred products. Chemicals and allied products. Primary and fabricated metals Machinery Other manufacturing Wholesale trade Retail trade Frinance, except banking Insurance Real estate Other industries.	120,354 283,401 112,883 288,459 297,707 217,062 304,380 24,790 62,302 19,748	39,763 125,591 1,280,835 127,137 413,212 108,376 225,847 336,263 242,835 334,383 17,536 67,964 26,942 207,266	14,516 24,541 178,031 6,783 129,811 -4,507 7,388 38,556 25,773 30,003 -7,254 5,662 7,194	57 24 16 6 46 -4 3 13 12 10 -29 9 36
By country		,		}
Canada	290,018 1,477,099	423,938 1,579,645	133,920 102,546	46 7
France Germany Netherlands United Kingdom Switzerland Japan Australia, New Zealand, and South Africa Latin America Middle East Other Africa, Asia, and Pacific United States	375,865 186,688 428,237 154,813 115,258 29,231 74,456 22,800 11,961	214,670 370,540 215,120 489,347 149,456 133,490 45,055 70,232 38,171 15,194 37,390	8,311 -5,325 28,432 61,110 -5,357 18,232 15,824 -4,224 15,371 3,233 24,281	4 -1 15 14 -3 16 54 -6 67 27 185

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

In petroleum, a substantial portion of the increase in total employment was attributable to the acquisition of a major U.S. metals manufacturer by a British company's U.S. petroleum affiliate. Data for the acquired firm appear in petroleum rather than in manufacturing because of BEA's consolidation and industry classification rules.<sup>5</sup>

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-

<sup>5.</sup> 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.

Mining

Petroleum

Manufacturing:

Machinery

Wholesale Trade

Retail Trade

Insurance

Real Estate

Other Industries

Other Manufacturing

Finance, Except Banking

Food and Kindred Products

Chemicals and Allied Products

Primary and Fabricated Metals

**CHART 4** 

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

By Industry

Canada
Europe:
France
Germany
Netherlands
United Kingdom
Switzerland
Other Europe
Japan
Australia, New Zealand, and South Africa
Latin America
Middle East
Other Africa, Asia, and Pacific
United States

By Country

83:11:4

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.<sup>6</sup> 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,

<sup>6.</sup> 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.

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

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

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

	Num	ber of employ	yees	Percent
	1980	1981	Change	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 47,901	17,692 52,578	3,221   4,677	22 10
New Hampshire	12,328	13,355	1,027	8
Rhode Island	6,914 6,298	9,423 5,889	2,509 { -409 {	36 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	2
Maryland	40,918	43,900	2,982	7
New Jersey	120,530	131,764	11,234	
New YorkPennsylvania	179,292   114,645	204,393 129,110	25,101   14,465	14 18
Great Lakes	368,054	378,485	10,431	3
Illinois	112,434	111,850	-584	_1
Indiana	47,335	44,881	-2,454	~ {
Michigan	65,275	65,070	204	1(*
Ohio	84,218	97,018	12,800	15
Wisconsin	58,792	59,666	874	1
Plains	103,196	109,410	6,214	•
Iowa	19,559	21,741	2,182	13
Kansas	13,824	14,206	382	
Minnesota	30,874	32,536	1,662	į
Missouri Nebraska	30,268 5,169	$\begin{bmatrix} 31,123 \\ 5,225 \end{bmatrix}$	855   56	; ;
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	1′ 18
Arkansas	14,780	17,397	2,617	18
Florida	65,923	69,983	4,060	
Georgia Kentucky	67,410   23,203	73,742   25,366	6,332 ( 2,163	
Louisiana	39,556	45,718	6,162	10
Mississippi	9,542	10,905	1,363	1.
North Carolina	67,522	86,349	18,827	2
South Carolina	54,239	64,898	10,659	- 20
Tennessee	44,063			
Virginia	27 206	55,285 A	11,222	29
Virginia West Virginia	37,206 18,978	49,115 34,835	11,222 11,909 15,857	28 20 22 33 84
		49,115	11,909	
West Virginia	18,978 176,979	49,115 34,835 234,424	11,909 15,857 57,445	3:
West Virginia Southwest Arizona New Mexico	18,978 176,979 14,394 7,095	49,115 34,835 234,424 29,396 8,005	11,909 15,857 <b>57,445</b> 15,002 910	3: 10: 1:
West Virginia Southwest Arizona New Mexico Oklahoma	18,978 176,979 14,394 7,095 19,372	49,115 34,835 234,424 29,396 8,005 24,459	11,909 15,857 57,445 15,002 910 5,087	3: 104 1; 20
West Virginia Southwest Arizona New Mexico Oklahoma Texas	18,978 176,979 14,394 7,095 19,372 136,118	49,115 34,835 234,424 29,396 8,005 24,459 172,564	11,909 15,857 <b>57,445</b> 15,002 910 5,087 36,446	3 10 1. 2 2
West Virginia Southwest Arizona New Mexico Oklahoma Texas Rocky Mountains	18,978 176,979 14,394 7,095 19,372 136,118 37,921	49,115 34,835 234,424 29,396 8,005 24,459 172,564 51,844	11,909 15,857 57,445 15,002 910 5,087 36,446 13,923	3 10 1. 2 2 2
West Virginia Southwest Arizona New Mexico Oklahoma Texas Rocky Mountains	18,978 176,979 14,394 7,095 19,372 136,118 37,921 19,935	49,115 34,835 234,424 29,396 8,005 24,459 172,564 51,844 23,961	11,909 15,857 57,445 15,002 910 5,087 36,446 13,923 4,026	3: 10- 1: 2: 2' 3'
West Virginia Southwest Arizona New Mexico Oklahoma Texas Rocky Mountains Colorado	18,978 176,979 14,394 7,095 19,372 136,118 37,921 19,935 3,708	49,115 34,835 234,424 29,396 8,005 24,459 172,564 51,844 23,961 3,795	11,909 15,857 57,445 15,002 910 5,087 36,446 13,923 4,026 87	3: 10: 1: 2: 2: 2: 3:
West Virginia Southwest Arizona New Mexico Oklahoma Texas Rocky Mountains	18,978 176,979 14,394 7,095 19,372 136,118 37,921 19,935 3,708 1,798	49,115 34,835 234,424 29,396 8,005 24,459 172,564 51,844 23,961	11,909 15,857 57,445 15,002 910 5,087 36,446 13,923 4,026	3: 10- 1: 2: 2' 3'
West Virginia Southwest Arizona Arizona New Mexico Oklahoma Texas  Rocky Mountains  Colorado Idaho Montana	18,978 176,979 14,394 7,095 19,372 136,118 37,921 19,935 3,708	49,115 34,835 234,424 29,396 8,005 24,459 172,564 51,844 23,961 3,795 2,830	11,909 15,857 57,445 15,002 910 5,087 36,446 13,923 4,026 87 1,032	3: 10: 1: 2: 2: 2: 3:
West Virginia Southwest Arizona New Mexico Oklahoma Texas  Rocky Mountains  Colorado Idaho Montana Utah	18,978 176,979 14,394 7,095 19,372 136,118 37,921 19,935 3,708 1,798 9,473	49,115 34,835 234,424 29,396 8,005 24,459 172,564 51,844 23,961 3,795 2,830 17,188	11,909 15,857 57,445 15,002 910 5,087 36,446 13,923 4,026 87 1,032 7,715	3: 10- 1: 22 2: 3: 2- 5: 8: 3:
West Virginia Southwest Arizona New Mexico Oklahoma Texas Rocky Mountains Colorado Idaho Utah Wontana Utah Wyoming Far West	18,978 176,979 14,394 7,095 19,372 136,118 37,921 19,935 3,708 1,798 9,473 3,007 225,576 219,636	49,115 34,835 234,424 29,396 8,005 24,459 172,564 51,844 23,961 3,795 2,830 17,188 4,070 284,238 240,774	11,909 15,857 57,445 15,002 910 5,087 36,446 13,923 4,026 87 1,032 7,715 1,063 28,662 21,138	3 10 1. 2 2 3 3 2 5 8 8 3
West Virginia Southwest  Arizona New Mexico Oklahoma Texas  Rocky Mountains  Colorado Idaho Montana Utah Wyoming  Far West  California Nevada	18,978 176,979 14,394 7,095 19,372 136,118 37,921 19,935 3,708 1,798 9,473 3,007 225,576 219,636 4,590	49,115 34,835 234,424 29,396 8,005 24,459 172,564 51,844 23,961 17,188 4,070 284,238 240,774 5,854	11,909 15,857 57,445 15,002 910 5,087 36,446 13,923 4,026 87 1,032 7,715 1,063 28,662 21,138 1,264	3 10 1. 2 2 3 3 2 5 8 8 3
West Virginia Southwest Arizona New Mexico Oklahoma Texas Rocky Mountains Colorado Idaho Utah Wontana Utah Wyoming Far West	18,978 176,979 14,394 7,095 19,372 136,118 37,921 19,935 3,708 1,798 9,473 3,007 225,576 219,636	49,115 34,835 234,424 29,396 8,005 24,459 172,564 51,844 23,961 3,795 2,830 17,188 4,070 284,238 240,774	11,909 15,857 57,445 15,002 910 5,087 36,446 13,923 4,026 87 1,032 7,715 1,063 28,662 21,138	3: 10. 1: 2: 2: 3: 3: 2: 5: 8: 3: 1
West Virginia Southwest  Arizona New Mexico Oklahoma Texas  Rocky Mountains  Colorado Idaho Utah Womiana Utah Wyoming  Far West  California Nevada Oregon Washington	18,978 176,979 14,394 7,095 19,372 136,118 37,921 19,935 3,708 1,798 9,473 3,007 225,576 219,636 4,590 10,229 21,121 8,326	49,115 34,835 234,424 29,396 8,005 24,459 172,564 51,844 23,961 3,795 2,830 17,188 4,070 284,238 240,774 5,854 12,281	11,909 15,857 57,445 15,002 910 5,087 36,446 13,923 4,026 87 1,032 7,715 1,063 28,662 21,138 1,264 2,052 4,208	3: 10: 12: 22: 3: 5: 5: 8:8 8:8 1: 1:2:2:2:2:2:2:2:2:2:2:2:2:2:2:2:2:2:
West Virginia Southwest  Arizona New Mexico Oklahoma Texas  Rocky Mountains  Colorado Idaho Montana Utah Wyoming  Far West  California Nevada Oregon Washington  Alaska Hawaii	18,978 176,979 14,394 7,095 19,372 136,118 37,921 19,935 3,708 1,798 9,473 3,007 225,576 219,636 4,590 10,229 21,121 8,326 15,509	49,115 34,835 234,424 29,396 8,005 24,459 172,564 51,844 23,961 17,188 4,070 284,238 240,774 5,854 12,281 25,329 8,578 16,143	11,909 15,857 57,445 15,002 910 5,087 36,446 13,923 4,026 87 1,032 7,715 1,063 28,662 21,138 1,264 2,052 4,208 252 634	3: 104 1: 22 2: 5: 5: 8: 3: 1: 1: 2: 2: 2:
West Virginia Southwest  Arizona New Mexico Oklahoma Texas  Rocky Mountains  Colorado Idaho Utah Womiana Utah Wyoming  Far West  California Nevada Oregon Washington	18,978 176,979 14,394 7,095 19,372 136,118 37,921 19,935 3,708 1,798 9,473 3,007 225,576 219,636 4,590 10,229 21,121 8,326	49,115 34,835 234,424 29,396 8,005 24,459 172,564 51,844 23,961 3,795 2,830 17,188 4,070 284,238 240,774 5,854 12,281 125,329 8,578	11,909 15,857 57,445 15,002 910 5,087 36,446 13,923 4,026 87 1,032 7,715 1,063 28,662 21,138 1,264 2,052 4,208	3: 10.0 11: 22: 22: 33: 4: 11: 22: 22: 22: 22: 33: 33: 4: 11: 22: 22: 33: 33: 4: 11: 22: 22: 22: 33: 33: 33: 4: 11: 22: 22: 22: 33: 33: 4: 11: 22: 22: 22: 33: 33: 4: 11: 22: 22: 22: 33: 33: 4: 11: 22: 22: 22: 33: 33: 4: 11: 22: 22: 22: 22: 22: 22: 22: 22: 22

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

retail trade. In Arizona, where affiliate employment increased 15,000, the acquisition of a large coal mining firm by a British company and a supermarket chain by a Canadianowned affiliate accounted for most of the change.

The smallest percent increases in affiliate employment were in the Great Lakes and the Plains (3 and 6 percent, respectively.) The small increase in the Great Lakes partly reflected employment declines in three States in the region—Illinois, Indiana, and Michigan. Although the total decline in affiliate employment in these States was small—less than 4,000 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.

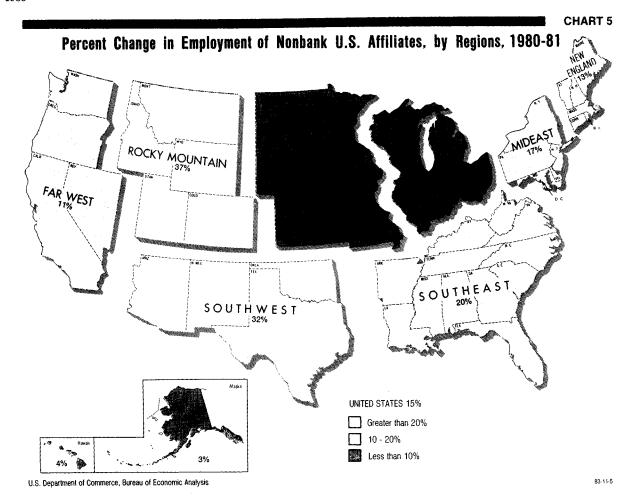
After Texas, increases in employment among individual States were largest in Delaware, New York, and California. In each of these States, employment of affiliates increased by more than 20,000.

## **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-

<sup>\*</sup>Less than 0.5 percent (±).

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



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.<sup>7</sup>

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

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	Emplo	yment
	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 Petroleum Manufacturing Food and kindred products Chemicals and allied products Primary and fabricated metals Machinery Other manufacturing Wholesale trade Retail trade Finance, except banking Insurance Real estate Other industries	54,249 120,523 12,575 49,630 11,418 21,371 25,530 76,099 10,991 37,101 41,163 27,221	96.8 95.8 92.6 94.8 97.9 84.2 87.2 89.5 92.4 90.8 95.6 98.1 62.9 77.4	39,763 125,591 1,280,835 127,137 413,212 108,376 295,847 36,263 324,283 334,383 17,536 67,964 26,942 207,266	92.8 96.5 99.4 90.4 97.1 82.0 84.9 85.7 85.6 92.8 92.8 98.8 80.8
Canada Europe Of which: France Germany Netherlands United Kingdom Switzerland Japan Australia, New Zealand, and South Africa Latin America Middle East Other Africa, Asia, and Pacific United States	223,915 31,765 34,055 43,954 68,418 28,246 31,505 30,082 8,733 12,952 3,286	92.8 92.0 93.4 88.9 95.6 94.1 90.7 87.9 96.6 67.2 85.7 67.2 92.9	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	90. 90. 92. 89. 96. 91. 83. 78. 79. 70. 79.

<sup>7.</sup> 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.

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

	<del></del>	Millions	of dollars			Thousand	s of acres		Millions	of dollars	
	Total assets	Sales	Net income	Employee compensa- tion	Number of employees	Land owned	Mineral rights owned and leased	Gross book value of property, plant, and equipment	Expendi- tures 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	( <sup>D</sup> )	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 Drugs	14,544 2,500	14,489 2,466	$-85 \\ -109$	2,900 737	121,009 33,056	105 10	(P)	11,223 1,590	1,568 280	1,405 210	1,138 187
Soap, cleaners, and toilet goods	2,878 4,845 1,320	4,007 5,736 1,453	109 358 31	768 (P) (P)	31,762 (P) (P)	4 ( <sup>D</sup> ) ( <sup>D</sup> )	(P)	1,157 3,695 662	150 ( <sup>D</sup> ) ( <sup>D</sup> )	193 ( <sup>D</sup> ) ( <sup>D</sup> )	133 ( <sup>D</sup> ) ( <sup>D</sup> )
Primary and fabricated metals	10,277	12,911	349	2,607	112,883	44	(P)	6,122	730	1,059	1,873
Primary metal industriesFabricated metal products	7,595 2,682	10,113 2,798	251 98	1,869 738	75,308 37,575	38 6	(P)	4,942 1,180	612 118	854 205	1,673 200
Machinery	17,427	20,917	158	5,931	288,459	48	(D)	6,547	1,353	2,939	3,450
Machinery, except electrical Electric and electronic equipment	7,645 9,782	8,941 11,977	-58 216	2,658 3,273	115,952 172,507	32 17	(D)	2,772 3,775	399 954	1,498 1,441	1,437 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 Lumber, wood, furniture, and fixtures. Paper and allied products. Printing and publishing Rubber and plastics products. Stone, clay, and glass products Transportation equipment Instruments and related products. Other	1,078 535 3,416 2,064 1,309 4,436 4,476 1,357 1,019	1,563 696 3,746 2,720 1,677 4,186 6,538 1,624 1,304	8 9 157 109 - 29 48 - 257 - 42	395 129 836 777 428 1,062 1,871 433 368	29,354 8,889 36,879 39,417 23,678 46,524 66,029 26,099 20,838	5 (P) 2,803 1 4 115 (P) 2 4	0 0 0 0 (*) 13 (*) 0 (*)	633 227 3,167 981 798 3,135 1,711 373 408	86 58 562 131 122 329 232 66 62	60 132 383 76 61 61 1,217 151 159	98 98 459 87 126 115 953 291 168
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 Metals and minerals, except petroleum Other durable goods. Farm product raw materials. Other nondurable goods	10,308 15,081 13,373 7,196 4,111	33,345 54,165 60,543 36,670 12,850	241 631 108 159 63	986 792 1,763 519 545	43,058 29,779 87,200 25,443 31,582	8 50 (P) (P) 25	(P) (P) (O) (O)	2,079 1,400 1,868 1,165 703	482 (P) 416 (P) 148	2,532 15,097 2,673 19,196 1,164	18,068 15,823 10,476 4,753 4,897
Retail trade	9,685	23,577	278	3,751	304,380	8	()	5,202	670	501	611
Food stores and eating and drinking placesRetail trade, nec	4,551 5,135	16,036 7,541	76 202	2,449 1,301	203,234 101,146	3	0	2,963 2,238	360 310	14 487	(p)
Finance, except banking	32,291	4,755	379	844	24,790	3	(D)	585	238	(D)	10
Insurance	36,240	14,511	1,153	1,155	62,302	14	0	1,175	141	0	(*)
Real estate	19,872	3,933	56	371	19,748	1,885	(D)	16,802	2,780	O	O
Other industries	11,320	10,959	32	3,055	176,549	2,599	778	7,056	1,018	(D)	137
Agriculture		670 26 4,604 2,162 142 3,356	-23 5 -16 27 -17 56	136 1 943 763 39 1,172	9,460 76 42,944 35,949 2,304 85,816	1,248 1,201 19 108 (*)	(p) (p) (0) (n) 2 (p)	1,260 86 1,006 1,716 155 2,834	112 10 234 193 60 410	49 (P) 43 5 1 35	11 (*) 42 (P) (P) 39

 $<sup>^{\</sup>rm D}$  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 unreported 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 estimates) 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			Thousand	ls of acres		Millions	of dollars	
	Total assets	Sales	Net income	Employee compensa- tion	Number of employees	Land owned	Mineral rights owned and leased	Gross book value of property, plant, and equipment	Expendi- tures 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	(D)	4,532	9,131	843	961	74
Petroleum	54,249	68,360	4,445	3,757	125,591	(D)	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	(D)	37,653	4,241	5,046	3,432
Industrial chemicals and synthetics	36,497 2,765 3,067 5,748 1,554	39,493 2,740 4,137 6,392 1,788	1,279 22 133 406 39	8,120 830 842 (P) (P)	254,783 31,945 30,431 (P) (P)	(D) 11 4 (D) (D)	(P) 0 0 (P) (P)	29,466 1,761 1,237 4,421 768	3,143 249 139 627 83	4,202 290 186 ( <sup>D</sup> )	2,827 161 132 ( <sup>b</sup> )
Primary and fabricated metals	11,418	13,762	267	2,738	108,376	(D)	(P)	6,962	1,012	1,202	1,719
Primary metal industries	9,019 2,399	11,123 2,639	194 72	2,022 716	74,736 33,640	( <sup>D</sup> )	(P) 0	5,902 1,060	888 124	977 225	1,477 242
Machinery	21,371	24,334	268	6,964	295,847	(D)	(D)	8,600	1,439	3,693	3,340
Machinery, except electrical Electric and electronic equipment	11,765 9,606	11,953 12,381	$^{-49}_{317}$	3,408 3,555	135,551 160,296	( <sup>D</sup> ) 15	( <sup>D</sup> )	4,485 4,115	543 895	2,170 1,523	1,581 1,758
Other manufacturing	25,530	30,396	204	8,024	336,263	4,954	(D)	15,915	2,126	2,917	3,063
Textile products and apparel Lumber, wood, furniture, and fixtures. Paper and allied products Printing and publishing Rubber and plastics products. Stone, clay, and glass products. Transportation equipment Instruments and related products. Other	1,678 564 6,028 2,367 1,491 5,017 5,496 1,506 1,383	2,352 720 6,093 3,153 2,087 4,556 7,967 1,881 1,587	2 (*) 247 122 -24 -62 -106 -41 67	627 140 1,583 869 520 1,080 2,218 525 462	41,503 9,280 51,236 39,756 27,639 42,443 71,829 26,388 26,189	10 (P) 4,754 1 4 116 28 2 (P)	0 0 (P) 0 (*) 37 0 0 (*)	907 251 5,684 1,187 919 3,575 2,345 452 595	276 37 746 181 121 265 344 78 78	85 127 671 88 79 113 1,367 215	120 110 582 252 198 107 1,221 300 175
Wholesale trade	76,099	221,387	1,058	5,491	242,835	352	(D)	10,360	2,637	46,545	57,571
Motor vehicles and equipment Metals and minerals, except petroleum Other durable goods. Farm product raw materials Other nondurable goods.	11,373 36,781 15,172 7,123 5,650	39,161 62,774 63,340 41,835 14,277	520 288 81 95 73	1,237 953 1,999 616 686	52,119 34,689 93,205 28,641 34,181	9 24 182 (P) (P)	(*) 214 (b) (c) (b)	2,792 1,623 2,549 1,541 1,855	584 222 590 311 931	3,272 16,202 2,799 23,038 1,234	20,132 14,644 12,012 5,482 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 placesRetail trade, nec	5,282 5,710	18,413 8,494	22 304	2,755 1,474	213,082 121,301	5 4	(*)	3,492 2,636	338 366	15 464	71 660
Finance, except banking	37,101	5,398	333	667	17,536	4	(D)	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	(D)	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. Forestry and fishing. Construction Transportation Communication and public utilities	131 6,336	608 23 6,192 2,984 137 3,992	-60 (*) -46 15 -13 -1	133 2 1,472 950 41 1,375	9,355 93 55,978 42,440 2,196 97,204	1,317 1,239 36 109 (*) 24	(D) (D) (D) (D) (D) 2 (D)	1,357 111 1,792 1,951 121 2,990	102 20 288 157 57 439	52 ( <sup>D</sup> ) 309 ( <sup>D</sup> ) 3 54	(P) (*) 59 33 (P) 45

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

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

		Millions o	f dollars			Thousand	s of acres		Millions	of dollars	
	Total assets	Sales	Net income	Employee compensa- tion	Number of employees	Land owned	Mineral rights owned and leased	Gross book value of property, plant, and equipment	Expendi- tures 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) Belgium. Denmark France Germany Ireland Italy Luxembourg Netherlands United Kingdom	157,959 4,120 524 25,654 31,196 413 2,473 883 36,103 56,594	230,040 5,469 940 40,806 45,620 584 2,692 901 38,618 94,410	5,431 131 4 280 196 1 -120 -21,778 3,162	24,942 472 215 4,697 7,039 153 363 88 4,293 7,623	1,266,721 25,383 14,890 206,359 375,865 8,918 15,575 4,806 186,688 428,237	4,719 (b) 4 (c) 688 (D) (P) 17 549 1,282	25,121 (D) 1 3,687 1,670 0 (P) (D) (D) (D) 1,693	81,658 2,431 229 9,936 14,605 367 802 292 28,376 24,619	9,214 219 (P) 1,423 2,317 (P) 62 277 2,719 2,363	19,844 263 (P) 10,209 3,328 2 605 (P) 1,934 3,196	28,081 598 268 3,749 7,519 (P) 763 (P) 6,436 8,499
Other Europe Austria Finland Liechtenstein Norway Spain Sweden Switzerland Other	28,122 330 380 361 335 180 4,087 22,031 417	29,373 242 179 396 370 119 6,897 20,627 544	213 5 5 12 9 1 58 185 (*)	4,016 28 34 63 63 12 830 2,947 40	210,378 1,304 2,875 3,058 3,257 751 41,672 154,813 2,648	1,037 (D) 3 72 2 115 8 714 (D)	124 (P) 0 0 (P) 0 (P) 62 (*)	8,625 113 160 193 143 60 1,132 6,677 146	1,266 18 (P) 38 46 4 180 853 (P)	3,501 35 5 (P) 266 1 385 2,898 (P)	5,194 103 25 108 97 41 1,969 2,498 353
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	(D)	(D)	1,268	190	(D)	1,196
Latin America  South and Central America Argentina Brazil. Mexico Panama Venezuela Other	7,766 3,516 149 113 674 1,611 534 434	8,153 4,355 88 629 661 1,397 (P)	315 17 -1 -11 -16 35 4 5	1,413 399 10 6 80 230 19 55	74,456 21,084 769 281 3,939 12,157 1,109 2,829	487 310 27 9 129 17 80 48	(P) 0 0 1 (P) 5	385 767 327	234 15 1 35 147 (P)	1,241 (D) (P) (P) 104 156 (P) 179	1,041 0 93 279 564
Other Western Hemisphere Bahamas Bermuda Netherlands Antilles United Kingdom Islands, Caribbean. Other	4,250 864 514 2,742 122 8	3,798 1,161 (P) (P) 61 12	298 -22 1 327 -9 (*)	1,013 209 (P) (P) 17 5	53,372 17,771 4,606 ( <sup>D</sup> ) 1,571 ( <sup>P</sup> )	177 33 16 113 16 (*)	(P) 0 (P) (*) 5 (*)	2,286 430 263 1,499 88 5	432 (°) (°) 339 3 1	(D) (D) (D) (D) (D) (D) 2	(D) (*)
Middle East	7,273 681 6,593 822 512 4,941 118 201	3,305 589 2,716 181 372 1,956 34 173	27 17 11 8 -9 23 -6 -5	454 68 386 35 72 263 ( <sup>D</sup> )	22,800 3,346 19,454 2,744 3,997 11,089 (P)	121 ( <sup>(D)</sup> ) ( <sup>D)</sup> 44 ( <sup>(D)</sup> ) 54 1 6	53 (P) (P) 0 (P) (P) 0	2,045 91 1,954 580 236 900 106	247 24 223 58 29 116 12	777 198 579 4 75 ( <sup>D</sup> ) 0	(*) 0 (*) 0
Other Africa, Asia, and Pacific Other Africa Other Asia and Pacific Hong Kong Philippines South Korea Other	2,840 107 2,733 1,212 239 1,124 159	2,572 33 2,539 1,048 521 835 136	16 3 13 32 -10 -12 2	204 7 197 137 ( <sup>b</sup> ) 28 ( <sup>b</sup> )	11,961 486 11,475 8,542 (P) 1,375 (P)	370 9 361 335 5 (*) 21	0 0 0 0 0 0 0	830 122 58	(P) 88 (P) 85 3 6 (P)	25 132	258 ( <sup>D</sup> ) 490
United States	5,594	3,248	442	258	13,109	(D)	(D)	547	(D)	(D)	(D)
Addenda:  OPEC ' Greece	6,670 83	3,289 8	28 -4	333 (*)	16,284 28	190 (P)	(b)		225 ( <sup>b</sup> )	( <sup>D</sup> )	( <sup>D</sup> )
Government Individuals, estates, and trusts Petroleum Agriculture Mining Construction Manufacturing Transportation, communication, and public utilities Wholesale and retail trade Banking Holding companies Other finance and insurance Real estate Services	43,843 45,941 592 8,745 2,418 76,580 3,695 20,185	7,784 42,502 48,916 1,959 18,805 4,133 103,170 6,239 85,038 41,853 33,191 13,871 2,429 2,815	-196 973 4,230 -299 506 -18 738 -45 434 190 1,224 836 54 20	1,588 5,376 2,857 86 988 798 17,393 1,096 2,792 314 4,773 1,174 300 510	318,064 103,924 5,715 42,862 35,965 861,017 53,604 175,261 14,310 247,821 60,272	86 2,972 741 (P) 21 1,802 115 77 76 2,282 35 243 7	35,029 (*) 2,806 (*) (0) 908 (*) (a) 426	19,076 38,419 302 2,961 961 36,237 1,871 4,006 249	2,673 3,079 71 (P) 227 5,256 421 687 (P) 1,619 388 1,596	7,578 1,344 (P) 64 7,843 377 19,652 (P) 6,964 188	2,997 9,869 548 (°) 27 28,426 414 20,653 (°) 2,788 188

 $<sup>(^{\</sup>mathrm{p}})$  Suppressed to avoid disclosure of data of individual companies. \*Less than \$500,000 ( $\pm$ ) or 500 acres. 1. OPEC is the Organization of Petroleum Exporting Countries. Its members are Algeria, 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 o	of dollars			Thousand	s of acres		Millions	of dollars	
	Total assets	Sales	Net income	Employee compensa- tion	Number of employees	Land owned	Mineral rights owned and leased	Gross book value of property, plant, and equipment	Expendi- tures 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 Denmark	4,640 631	6,329 1,038	246 14	540 266	27,700 16,367	115	(P)	2,722 298	266 101	240 (b)	484
France	31,765	46,143	213	5,456	214,670	2,197	3,113	14,210	1,634	11,837	4,352
Germany Greece	34,055 176	53,701 17	403 -1	7,905	370,540 35	697 (D)	1,906	16,664 160	2,391 ( <sup>D</sup> )	5,274	8,605
IrelandItaly	965 2,705	3,338	2 57	190 291	12,745	(D) 119	(P)	561 931	131	(D) 999	( <sup>0</sup> )
Luxembourg	1,508	э,ээо ( <sup>D</sup> )	30	125	13,847 7,732	27	(a)	923	72 (P)	393	261
Netherlands United Kingdom	43,954 68,418	45,975 106,819	2,111 3,264	5,644 9,581	215,120 489,347	2,551 1,717	2,702	34,636 32,313	3,500 3,850	2,321 3,555	5,539 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
FinlandLiechtenstein	498 387	185 428	-8 -17	34 82	1,802 3,635	$\frac{3}{70}$	0	296 197	166 27	107	38 130
Norway Spain	594 114	541 92	15 4	108	5,814 468	7 115	(P)	247 59	43	24	88
Sweden	4,552	8,105	38	930	47,105	8	(D)	1,374	288	407	2,084
Switzerland Other	28,246 305	24,274 554	98 4	3,386	149,456 2,067	820 1	832	7,405 68	1,016 11	3,793 25	2,285
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	(D)	3,321
Latin America	8,733	8,862	483	1,570	70,232	514	(P)	5,074	1,039	(D)	1,073
South and Central America	3,926	•	69	1	1	338	(P)	1	1	631	857
Argentina	152	4,452 87	-1	435 9	19,727 731	27	( )	2,084	316	(D)	- 0
Brazil Mexico	109 672	538 727	-12 -25	6 80	299 3,548	9 137	0	20 389	34	150 109	338
Panama	1,957	1,428	$ \begin{array}{r} -25 \\ 91 \\ 12 \end{array} $	264	11,061	26	(D)	998	228 27	180	343
Venezuela Other	582 ( 452 )	(D)	12	20 57	1,231 2,857	83 56	(b) 0	349 239	14	177	(D) (D)
Other Western Hemisphere	4,807	4,411	413	1,135	50,505	177	(D)	2,990	723	(0)	216
Bahamas Bermuda	947 589	1,161	75 17	194	14,062 4,719	40 10	1 (P)	491 285	141 20	(D) (D)	84 (D
Netherlands Antilles	3,137	(D)	331	(a)	(D)	106	(*)	2,116	558	(D)	(P
United Kingdom Islands, Caribbean Other	126	58 12	-9 (*)	17 (B)	1,555 ( <sup>D</sup> )	20 (*)	5 0	92	3	( <sup>D</sup> )	2
Middle East	12,952	4,729	4	1,040	38,171	308	878	3,458	600	1,143	186
Israel Other	679 12,273	655 4,074	28 -24	71 970	3,419 34,752	(D) (D)	(D) (D)	97 3,361	592	212 931	(D
Kuwait	4,520	1,079	-2	(D)	13,435	(a)	(D)	1,588	(D)	(D)	`9
Lebanon Saudi Arabia	$\begin{array}{c} 757 \\ 6,705 \end{array}$	$\begin{array}{c} 765 \\ 2,041 \end{array}$	-2 15 -32	( <sup>D</sup> )	9,336	14 60	(P) (P)	427 1,133	( <sup>D</sup> )		(D
United Arab EmiratesOther	90 201	16 173	-1 -5	1 10	(P) (D)	1 6	Ó	81 131	10		)
Other Africa, Asia, and Pacific	3,286	3,037	4	1		1	(*)	1,453	201	475	1,38
Other Africa	124	29	12	271	15,194 486	413 29	) Ó	60	8	1	1
Other Asia and Pacific	3,162 1,396	3,008 1,009	-8	265 166	14,708 9,615	384 349	(*)	1,393	194 165	474 139	1,385
Philippines	255	628	-3	(D)	(D)	5	ŏ	131	5	73	(D
South KoreaOther	1,127 385	$^{1,110}_{261}$	$-\frac{9}{6}$	(P) 36		(*)	(*)	68 208	6		604
United States	6,042	4,355	309	499	37,390	26	(D)	1,059	267	177	242
Addendum—OPEC 2	12,153	4,320	-23	769	1	377	(D)		555	716	(b)
By industry:	12,100	4,020	-20	100	20,000	311	'	3,313	333	110	,
By industry:  Government	16,300	10,142		9 950	20 990	E10	2,838	7 6 40	1,013	2.090	1,72
Individuals, estates, and trusts	49,866	54,476	-3 940	2,356 6,777	69,230 366,227	510 4,902	2,502		3,486	10,049	4,238
PetroleumAgriculture	54,612 692	57,428 2,076	4,346 -3	3,822 74	127,985 5,572	935 (D)	38,157	47,804 355	6,122	(D)	(D
Mining Construction	33,698	20,690	552 -29	1,662	59,148	341	4,415	6,134	726	(P)	3,96
Manufacturing	2,876 110,020	4,748 142,251	3,564	923 24,845		23 2,489	(a)	1,088 57,952	114 7,245	12,133	34,02
Transportation, communication, and public utilities Wholesale and retail trade	3,957 21,668	7,183 100,554	53 449	1,169 3,219	59,182	115 93	( <sup>D</sup> )	2,211 4,715	342 621		
Banking	12,207	42,859	187	373	14,048	83	(P)	260	36	467	(D
Holding companies	27,506 46,237	36,635 18,578	903 442	5,300 1,344		2,073	2,532 (P)		2,781 454		
Other finance and insurance	12,737	3,059	66	425		288		10,252	1,931		1

 $<sup>^{\</sup>rm D}$  Suppressed to avoid disclosure of data of individual companies. \*Less than \$500,000 ( $\pm$ ) or 500 acres. 1. Consists of the European Communities (9) and Greece. 2. See footnote 1, table 5A.

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

	[Number of employees]											_			
					Eur	оре	_			Austra-			Other		
	All	01-				Of which-				lia, New Zealand,	Latin	Middle	Other Africa,	United	Adden-
	coun- tries	Canada	Total	France	Ger- many	Nether- lands	United King- dom	Switzer- land	Japan	and South Africa	America	East	Asia, and Pacific	States	OPEC 1
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	( <sup>D</sup> )	(D)	988	(a)	(a)	(D)	(D)	( <sup>D</sup> )	(b)	0	0
Petroleum	101,050	11,622	85,069	5,923	1,355	( <sup>D</sup> )	( <sup>D</sup> )	(D)	164	(D)	3,462	( <sup>D</sup> )	(b)	(D)	(D)
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	(D)	4,915	(D)	(a)	(D)	( <sub>D</sub> )	0	(D)
Chemicals and allied products	283,401	4,334	269,796	15,360	134,413	(p)	47,461	35,624	2,230	(D)	(D)	(D)	(D)	0	(D)
Industrial chemicals and synthetics Drugs	121,009 33,056 31,762 ( <sup>D</sup> )	(P) 0 (P) 2,551 258	119,460 26,311 29,427 ( <sup>b</sup> ) ( <sup>b</sup> )	4,801 ( <sup>D</sup> ) ( <sup>D</sup> ) ( <sup>D</sup> ) ( <sup>D</sup> )	46,815 1,076 (P) (P) (P)	(P) (P) (P) (P) (P)	34,406 4,685 4,542 (P) (P)	(D) (P) 2,735 (D) (D)	(P) (P) (P) (P) (P)	0 0 (P) 0	(b) (b) (b)	0 0 ( <sup>D</sup> ) 0	0 0 (P) 0	0 0 0 0	0 0 (P) 0
Primary and fabricated metals	112,883	20,155	79,867	20,430	14,171	(P)	16,481	(P)	(D)	1,676	2,399	1,701	(P)	(D)	(D)
Primary metal industriesFabricated metal products	75,308 37,575	15,459 4,696	51,911 27,956	19,920 510	4,208 9,963	(D)	1,277 15,204	( <sup>D</sup> ) 666	( <sup>b</sup> ) 279	(p)	370 2,029	(p)	0 ( <sup>D</sup> )	(p)	(p) (p)
Machinery	288,459	50,934	192,854	5,572	33,173	58,820	49,931	12,626	12,169	(D)	(b)	(D)	186	146	(D)
Machinery, except electrical Electric and electronic equipment	115,952 172,507	20,608 30,326	85,340 107,514	2,849 2,723	16,479 16,694	(D)	32,781 17,150	5,516 7,110	5,051 7,118	(P) 0	(D)	( <sup>D</sup> )	(D) (D)	(D) (D)	( <sup>D</sup> )
Other manufacturing	297,707	55,665	215,266	76,069	56,150	4,304	51,449	10,298	(D)	4,569	6,791	(D)	665	(D)	(D)
Textile products and apparel Lumber, wood, furniture, and fixtures Paper and allied products Printing and publishing Rubber and plastics products Stone, clay, and glass products Transportation equipment Instruments and related products Other	29,354 8,889 36,879 39,417 23,678 46,524 66,029 26,099 20,838	3,986 1,422 (P) 23,880 3,938 11,152 693 (P) 625	18,753 3,974 28,198 11,670 17,983 33,696 64,834 21,114 15,044	(b) (b) (b) (b) 136 (b) (b) (b) 1,111 2,577	2,467 3,094 (P) 3,859 6,807 4,083 (P) 7,906 (D)	(P) (P) (P) (2,876 (P) (P) (P) (P) (P)	12,725 (P) 6,652 5,846 6,270 162 (P) 7,474	1,246 (P) (P) (P) (P) 1,781 (P) 2,045 1,052	3,274 (P) (P) 1,119 872 (P) 2,232 (P)	(P) (P) (P) (P) (P) 0 0 (P)	(P) 0 0 (P) (P) 0 (P) (P) (P)	(P) (O) (O) (O) (O) (O) (O) (O) (O)	(P) (P) 0 0 (P) 0 (P) 0 (P)	(P) 0 0 (P) (P) (P) 0 (P) 0	(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	(D)	(D)	(D)
Motor vehicles and equipment Metals and minerals, except petroleum Other durable goods Farm product raw materials Other nondurable goods	43,058 29,779 87,200 25,443 31,582	(b) (D) 4,936 (D) 7,845	30,534 13,810 44,186 22,528 18,782	(P) 610 2,609 (P) 1,363	14,453 3,650 8,905 (P)	(P) (P) 983 100 643	5,393 5,967 16,110 603 6,897	(D) 219 3,991 (D) (D)	10,822 5,274 33,723 2,699 2,216	( <sup>b</sup> ) ( <sup>b</sup> ) 897 0 191	304 ( <sup>D</sup> ) 1,037 ( <sup>D</sup> ) 530	(P) (P) (P) (P)	313 46 ( <sup>D</sup> ) ( <sup>D</sup> )	(P) (P)	0 0 (P) 0 (P)
Retail trade	304,380	36,026	242,403	(D)	(D)	21,111	(D)	18,358	3,705	3,497	16,199	0	( <sup>D</sup> )	(a)	0
Food stores and eating and drinking places Retail trade, nec	203,234 101,146	32,983 3,043	167,813 74,590	(P) 572	( <sup>D</sup> ) 4,276	(b)	(P) (P)	(D)	(a)	3,497	0 16,199	0 (P)	( <sup>D</sup> ) 2,319	0 (P)	0
Finance, except banking	24,790	(D)	11,581	(D)	268	(p)	6,108	(D)	1,512	(b)	59	(p)	20	(D)	(D)
Insurance	62,302	8,401	45,056	206	2,912	8,580	27,823	5,140	(D)	(D)	(a)	0	(D)	( <sub>D</sub> )	0
Real estate	19,748	13,595	2,881	291	193	665	1,054	397	420	(D)	1,058	959	(D)	26	962
Other industries	176,549	(D)	100,576	(D)	(D)	5,317	24,180	16,430	(D)	4,107	(B)	8,702	(D)	(D)	8,072
Agriculture Forestry and fishing Construction Transportation Communication and public utilities Services	9,460 76 42,944 35,949 2,304 85,816	(P) (P) 2,177 19,252 972 10,316	4,762 66 35,299 (b) (c) 52,917	200 (P) 4,831 331 (P) 5,467	987 (P) 17,531 2,368 0 2,584	(P) (P) 1,111 0 3,515	1,909 (P) (P) 721 (P) 12,201	(P) 0 (P) 533 0 11,589	234 0 199 6,887 (P) 10,390	(b) (b) (c) (d) (d)	808 0 (P) 1,165 0 3,234	(P) (P) (P) 0 3,623	(P) (P) 250 (P) 0 890	(P) 0 (P) 0 (P)	83 0 (P) (P) 0 (P)

 $<sup>^{\</sup>rm p}$  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]

						or employe	,								
					Eur	-	<del></del>			Austra- lia, New			Other		
	All coun-	Canada				Of which-			Japan	Zealand,	Latin America	Middle East	Africa, Asia,	United States	Adden- dum-
	tries		Total	France	Ger- many	Nether- lands	United King- dom	Switzer- land		South Africa	Time rica	<u> </u>	and Pacific		OPEC 1
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	( <sup>D</sup> )	(D)	(a)	( <sub>D</sub> )	(D)	(D)	( <sup>D</sup> )	( <sup>D</sup> )	(D)	( <sup>p</sup> )	0	0
Petroleum	125,591	9,485	110,533	6,652	1,527	( <sup>D</sup> )	( <sup>D</sup> )	(D)	231	(D)	4,585	(D)	0	(D)	(D)
Manufacturing	1,280,835	280,573	855,259	113,066	223,616	118,800	231,548	94,909	47,370	22,787	44,304	7,761	4,004	18,777	2,848
Food and kindred products	127,137	19,180	92,534	4,070	1,029	2,979	57,744	( <b>b</b> )	4,252	( <sup>D</sup> )	(D)	(D)	(D)	(p)	( <sup>p</sup> )
Chemicals and allied products	413,212	(D)	255,630	13,909	127,128	(D)	48,015	31,473	(D)	(D)	(D)	(D)	(D)	0	( <sup>D</sup> )
Industrial chemicals and synthetics	254,783 31,945 30,431 (P) (P)	(b) 0 (b) 2,475 1,712	(b) 24,842 27,679 (b) 15,276	3,950 (P) (P) (P)	42,349 1,043 (P) (P) (P)	(P) (P) (P) (P)	34,999 4,973 4,243 ( <sup>0</sup> )	17,428 (D) (D) (D)	595 (P) (P) (P) (P)	0 0 (P) 0	(P) (D) (D) (D) (D)	0 0 (P)	0 0 ( <sup>D</sup> ) 0	0 0 0 0	0 0 (P) 0
Primary and fabricated metals	108,376	23,125	67,459	11,090	6,452	(P)	19,950	(P)	(P)	6,087	2,454	1,988	(P)	( <sup>D</sup> )	( <sup>D</sup> )
Primary metal industries Fabricated metal products	74,736 33,640	18,213 4,912	43,679 23,780	10,230 860	4,030 2,422	(D)	(D) (D)	( <sup>D</sup> ) 689	( <sup>D</sup> ) 258	(p)	712 1,742	(p) (p)	0 ( <sup>D</sup> )	( <sup>D</sup> )	(D)
Machinery	295,847	(D)	198,011	5,570	35,490	56,469	51,178	12,235	20,234	(D)	(D)	(D)	186	146	(D)
Machinery, except electrical Electric and electronic equipment	135,551 160,296	17,532 ( <sup>D</sup> )	90,586 107,425	2,829 2,741	17,974 17,516	(P) (P)	32,493 18,685	(P)	12,643 7,591	( <sup>D</sup> )	(b)	( <sup>D</sup> )	(D)	(D)	(P) 0
Other manufacturing	336,263	56,618	241,625	78,427	53,517	25,091	54,661	11,076	13,072	4,482	5,213	(D)	( <b>D</b> )	( <sub>D</sub> )	(D)
Textile products and apparel Lumber, wood, funiture, and fixtures Paper and allied products. Printing and publishing Rubber and plastics products Stone, clay, and glass products Transportation equipment Instruments and related products. Other	41,503 9,280 51,236 39,756 27,639 42,443 71,829 26,388 26,189	4,817 1,587 7,408 24,048 (P) 7,605 698 (P) 625	17,873 3,855 42,220 11,974 19,224 33,403 70,391 20,583 22,102	(P) (P) (P) 136 21,117 42,504 930 2,784	2,468 3,023 (P) 3,869 6,796 3,840 (P) 7,226 2,571	(b) (b) (p) (p) 2,559 (b) (b) (b) (c)	11,007 0 (P) 7,501 7,498 (P) 350 6,860 11,453	1,148 (P) (P) (P) (P) 1,566 (P) 3,390 996	6,151 (P) (P) 1,073 827 (P) 2,272 (P)	(P) (Q) (Q) (P) (P) (P) (O) (O)	(P) 0 (P) (P) 0 0 0 (P) (P) (P)	(P) (O) (O) (O) (O) (O) (O)	(P) (P) 0 0 (P) 0 (P) 0 (P)	(P) (0 (P) (P) (P) (P) (O (D)	(P) (D) (D) (D) (D) (D) (D) (D)
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	( <sup>D</sup> )	( <sup>D</sup> )	(D)
Motor vehicles and equipment Metals and minerals, except petroleum Other durable goods Farm product raw materials Other nondurable goods	52,119 34,689 93,205 28,641 34,181	(P) (P) 4,736 (P) 9,660	38,152 16,262 45,759 24,769 19,218	(P) 658 2,139 (P) 1,470	19,991 3,778 8,969 ( <sup>D</sup> )	(D) (P) 945 264 835	5,159 7,771 17,358 603 6,813	(P) 154 4,007 (P) (P)	11,975 5,336 37,860 3,674 2,259	(b) (b) 1,007 0 202	304 (b) 1,062 (p) 567	(p) (p) (p) (p) (p)	323 43 653 ( <sup>D</sup> ) ( <sup>D</sup> )	0 (b) 0 (p)	0 0 ( <sup>D</sup> ) 0 ( <sup>D</sup> )
Retail trade	334,383	40,465	266,634	(D)	72,773	28,820	94,310	14,581	3,664	(a)	11,459	0	3,176	(D)	0
Food stores and eating and drinking places Retail trade, nec	213,082 121,301	37,280 3,185	168,601 98,003	( <sup>D</sup> ) 556	(D)	(D)	(b)	(D)	2,124 1,540	(D)	0 11,459	0	(D)	(D)	0
Finance, except banking	17,536	934	11,602	(D)	339	(P)	5,498	1,989	1,648	(D)	59	(P)	20	(D)	(D)
Insurace	67,964	9,821	46,980	219	2,755	9,685	28,882	4,934	(P)	(p)	(D)	0	(D)	(D)	0
Real estate	26,942	19,766	3,392	316	231	946	1,092	471	816	(p)	1,084	1,056	(a)	26	1,064
Other industries	207,266	33,775	115,390	13,463	(a)	6,303	24,550	20,351	(D)	4,638	(D)	22,362	5,646	(D)	16,998
Agriculture. Forestry and fishing Construction Transportation Communication and public utilities Services	. 93 55,978	206 5 2,048 19,433 574 11,509	5,973 (P) 38,894 6,504 (P) 63,117	(P) (A,891 329 (P) 7,101	982 ( <sup>b</sup> ) 20,070 2,350 0 4,402	(D) 0 (D) 1,147 0 3,250	1,440 (P) (P) 721 (P) 13,292	1,929 0 3,608 533 0 14,281	234 0 199 6,684 (P) 10,587	(P)	1,005 (P) (P) 1,165 0 2,994	(P) (0) (P) (P) 0 3,259	(P) (P) (P) (O) 856	(b) 0 0 (b) 0 (b)	95 0 (P) (P) 0 (P)

 $<sup>^{\</sup>rm p}$  Supressed to avoid disclosure of data of individual companies. 1. See footnote 1, table 5A.

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

	[Million of dollars]														
					Eur	оре				Austra-			Other		
	All coun-	Canada				Of which-			Japan	lia, New Zealand,	Latin	Middle	Africa, Asia,	United	Adden- dum—
	tries	Cumuu	Total	France	Ger- many	Nether- lands	United King- dom	Switzer- land	oupun	and South Africa	America	East	and Pacific	States	OPEC 1
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	( <sup>D</sup> )	136	(D)	5	(D)	5	(D)	2	( <sup>D</sup> )	0
Petroleum	44,060	3,368	38,292	(D)	360	(D)	(D)	160	894	( <sup>D</sup> )	1,208	(D)	4	163	( <sup>D</sup> )
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	(P)	355	( <b>D</b> )	(D)	( <sup>D</sup> )	130	0	(a)
Chemicals and allied products	26,086	553	24,860	1,793	10,347	3,023	5,502	3,365	311	( <sup>D</sup> )	(D)	(B)	( <sup>D</sup> )	0	5
Industrial chemicals and synthetics Drugs	14,544 2,500 2,878 4,845 1,320	(P) 0 (P) 371 20	14,241 (b) 2,749 (b) 1,299	837 (P) (B) (P) (P)	5,329 ( <sup>B</sup> ) 443 ( <sup>D</sup> ) ( <sup>D</sup> )	(P) (P) (P) (P)	4,488 289 (P) (P) (P)	1,673 ( <sup>D</sup> ) 2 ( <sup>D</sup> )	( <sup>D</sup> ) 75 ( <sup>D</sup> ) ( <sup>D</sup> ) 1	0 ( <sup>p</sup> ) 0	1 (D) 4 (D) 0	0 0 (P) 0	0 ( <sup>b</sup> ) 0	0 0 0 0 0	0 0 5 0 0
Primary and fabricated metals	10,277	1,869	6,704	1,704	1,288	(p)	1,141	(D)	1,194	111	271	124	3	1	(D)
Primary metal industriesFabricated metal products	7,595 2,682	1,556 313	4,615 2,089	1,673 31	402 887	(p)	115 1,025	( <sup>D</sup> )	(D)	(p)	153 119	(D)	0 3	0	4 ( <sup>D</sup> )
Machinery	17,427	3,966	10,488	311	2,478	2,278	2,716	880	899	(D)	(D)	(D)	9	14	(p)
Machinery, except electrical Electric and electronic equipment	7,645 9,782	(D) (D)	4,932 5,556	(D)	1,045 1,433	(D)	1,664 1,053	(P)	501 399	( <sup>D</sup> )	(D)	( <sup>D</sup> )	(D)	(D)	( <sup>0</sup> )
Other manufacturing	19,690	4,116	13,622	5,210	3,558	(P)	2,572	687	1,125	271	244	( <sup>D</sup> )	( <b>b</b> )	176	(D)
Textile products and apparel Lumber, wood, furniture, and fixtures. Paper and allied products. Printing and publishing Rubber and plastics products Stone, clay, and glass products Transportation equipment Instruments and related products. Other	1,078 535 3,416 2,064 1,309 4,436 4,476 1,357 1,019	211 (P) (P) 1,038 181 1,710 (P) (P) 20	633 259 2,255 736 988 2,648 4,356 992 755	19 (P) (P) (P) (P) (P) 2,521 57 198	121 168 44 327 364 460 1,560 423 91	0 5 0 (P) 141 3 4 (P) 4	345 0 (P) 289 356 320 7 254 (P)	62 1 (P) (P) (P) (P) (P) (P) 129 38	167 (P) (P) (P) 114 27 (P) 197 4	(P) (P) (P) (P) (P) 0 0 (P)	(D) (O) (O) (O) (O) (O) (O) (O) (O) (O) (O	0 (P) 0 (*) 0 0 0 0 2	1 (P) 0 0 2 0 (P) 0 0 0	(P) 0 0 (P) 5 (P) 0 (P) 0	0
Wholesale trade	50,068	1,898	22,116	5,108	5,459	688	5,064	2,069	18,724	( <sup>D</sup> )	664	327	(D)	143	(D)
Motor vehicles and equipment Metals and minerals, except petroleum Other durable goods Farm product raw materials Other nondurable goods	10,308 15,081 13,373 7,196 4,111	(*) 425 610 19 844	5,399 3,547 6,185 5,080 1,904	(D) 288 278 (D) 246	2,551 768 1,630 ( <sup>D</sup> )	(D) (D) 104 44 (D)	520 1,313 2,136 547 547	1 71 (P) (P) 119	4,521 5,978 5,708 2,014 503	(P) (P) 56 0 68	48 ( <sup>D</sup> ) 141 ( <sup>D</sup> ) ( <sup>D</sup> )	(D) (D) (D) (D) 0 4	(P) 69 (P) (P) 433	0 (P) 4 0 (P)	(P) 0
Retail trade	9,685	820	7,933	( <sup>D</sup> )	1,788	744	(D)	307	161	116	559	0	94	3	0
Food stores and eating and drinking places Retail trade, nec	4,551 5,135	624 196	3,832 4,101	( <sup>D</sup> ) 59	1,698 91	(D)	(D) (B)	(D)	(D) (D)	0 116	0 559	0	(D)	0 3	0
Finance, except banking	32,291	5,051	19,684	(D)	495	1,061	4,706	(D)	2,082	( <sup>D</sup> )	421	(D)	132	(D)	(D)
Insurance	36,240	9,869	20,974	255	2,938	3,513	9,872	3,700	375	( <sup>D</sup> )	(P)	0	1	(D)	0
Real estate	19,872	7,764	7,134	416	1,153	2,056	1,938	874	654	86	1,414	1,843	862	115	
Other industries	11,320	2,627	6,315	1,853	1,042	( <sup>D</sup> )	1,424	(D)	846	129	(D)	492	(P)	79	442
Agriculture. Forestry and fishing Construction Transportation Communication and public utilities. Services	1,615 101 2,596 2,388 248 4,372	201 9 277 1,568 163 409	929 69 2,066 (P) (P) 2,742	64 (P) (P) 30 (P) 785	268 20 521 85 0 148	28 0 131 ( <sup>b</sup> ) 1 452	204 13 296 (P) (P) 765	234 4 (P) 87 0 194	22 0 54 (P) (P) 567	(P) 0 (P) (P) 0 (P)	213 1 (P) (P) 0 197	38 (P) (P) (P) 0 279	(P) (P) (P) (P) (P) 0 79	(D) 0 0 (D) 0 (D)	(P) (P) 1 0

 $<sup>^{\</sup>rm D}$  Suppressed to avoid disclosure of data of individual companies.  $^{\star}$  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]

					[MIIIIOn:	s of dollars	5]								
			Europe							Austra-			Other		
	All coun-	Canada	Total	Of which—						lia, New Zealand,	Latin	Middle	Africa, Asia,	United	
	tries			France	Ger- many	Nether- lands	United King- dom	Switzer- land	Japan	and South Africa	America	East	and Pacific	States	OPEC 1
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	(D)	423	(D)	( <sup>D</sup> )	(D)	5	(D)	5	( <sup>D</sup> )	2	( <sub>D</sub> )	0
Petroleum	54,249	5,258	45,856	(D)	500	(D)	(D)	197	1,140	( <sup>D</sup> )	1,600	( <sup>D</sup> )	(D)	161	( <sup>D</sup> )
Manufacturing	120,523	38,368	69,265	10,546	18,485	9,000	16,925	8,247	4,880	( <sup>D</sup> )	3,337	414	235	( <sup>D</sup> )	202
Food and kindred products	12,575	( <sup>D</sup> )	(D)	537	102	141	3.421	( <sup>D</sup> )	397	(b)	( <b>D</b> )	(D)	137	( <sup>D</sup> )	(D)
Chemicals and allied products	49,630	(D)	$(_{\mathcal{D}})$	1,893	11,365	3,106	5,898	3,431	(D)	(D)	( <sup>D</sup> )	(D)	(D)	0	3
Industrial chemicals and synthetics Drugs	36,497 2,765 3,067 5,748 1,554	(P) 0 (P) (P) 101	2,328 2,935 (b) 1.452	(P) (P) (P) (P)	5,558 (P) 471 (D) (P)	(P) (P) (P) (P)	4,805 338 482 ( <sup>D</sup> )	1,793 ( <sup>b</sup> ) 2 ( <sup>b</sup> )	207 ( <sup>D</sup> ) ( <sup>D</sup> ) ( <sup>D</sup> ) 1	0 0 (P) 0 0	1 (D) 4 (D) 0	0 0 (P) 0	0 0 ( <sup>D</sup> ) 0	0 0 0 0	0 0 3 0
Primary and fabricated metals	11,418	2,484	6,349	1.047	613	(D)	1,459	( <sub>D</sub> )	(P)	( <sup>D</sup> )	428	155	3	1	(D)
Primary metal industries Fabricated metal products	9,019 2,399	2,101 383	4,650 1,699	1,001 46	446 167	(D)	180 1,279	(D)	( <sup>p</sup> ) 26	( <sup>D</sup> ) 48	(D)	(D)	0 3	0 1	4 ( <sup>D</sup> )
Machinery	21,371	3,513	11,930	339	2,796	2,652	3,053	877	1,557	(D)	(D)	(D)	9	14	4
Machinery, except electrical Electric and electronic equipment	11,765 9,606	(D) (D)	5,848 6,082	(D)	1,274 1,523	(D)	2,016 1,036	(D)	1,123 434	(P) 0	(D)	(p)	(D)	(D)	4 0
Other manufacturing	25,530	4,444	18,554	6,731	3,608	(D)	3,095	875	1,270	333	209	(D)	(D)	578	(D)
Textile products and apparel Lumber, wood, furniture, and fixtures. Paper and allied products. Printing and publishing Rubber and plastics products Stone, clay, and glass products. Transportation equipment Instruments and related products. Other	1,678 564 6,028 2,367 1,491 5,017 5,496 1,506 1,383	238 124 (P) 1,267 179 (P) (P) (P) (P) 20	740 267 4,750 818 1,168 3,265 5,319 1,079 1,148	19 (b) (b) (c) (d) (d) (e) 2,005 3,487 (d) 206	131 (P) 52 383 399 407 (P) 414 114	(D) (Q) (D) (P) 136 3 4 (D) (D)	387 0 (P) 371 502 325 13 (P) 495	62 1 (P) (P) (P) (P) (P) 228 48	255 (P) (P) (P) 116 (P) (P) 169 4	(P) (P) (P) (P) (P) (P) 0 (P)	(P) 0 0 (P) (P) 0 0 (P) 0 (P)	0 (P) 0 (O) 0 0 0 2	1 (P) 0 0 2 0 (P) 0 0	(D) (0) (P) (D) (5) (P) (O) (P) (O)	0 0 0 (P) 2 0 0
Wholesale trade	76,099	(D)	23,745	4,982	6,328	732	5,875	2,069	20,980	(a)	701	447	1,231	185	( <sup>D</sup> )
Motor vehicles and equipment Metals and minerals, except petroleum Other durable goods Farm product raw materials Other nondurable goods	11,373 36,781 15,172 7,123 5,650	(b) (b) 742 (b) 2,088	5,877 4,587 6,422 4,752 2,108	(P) 221 294 (P) 290	2,777 1,154 1,760 (P)	(P) (B) 95 (P) 134	588 1,929 2,198 571 587	1 75 604 1,271 119	5,133 6,103 6,929 2,277 538	(D) (D) (D) (D) (D)	(b) (b) 145 56 249	(B) (D) (D) (D) 0 4	( <sup>D</sup> ) 65 523 ( <sup>D</sup> ) 425	(D) 4 0 (D)	0 0 (P) 0 4
Retail trade	10,991	1,021	8,987	(D)	1,944	977	(D)	304	168	126	472	0	(D)	(D)	0
Food stores and eating and drinking places Retail trade, nec	5,282 5,710	821 200	4,264 4,724	( <sup>D</sup> )	1,849 95	(D)	(p) (p)	(D)	83 85	0 126	0 472	0 0	( <sup>D</sup> )	( <sup>D</sup> )	0 0
Finance, except banking	37,101	(D)	25,890	6,845	584	1,394	5,494	(D)	2,418	(D)	(B)	5,613	148	(D)	(D)
Insurance	41,163	11,070	25,085	256	3,310	5,185	10,939	4,630	286	(P)	(D)	0	1	(D)	0
Real estate	27,221	12,528	8,895	443	1,207	2,587	2,225	(D)	726	86	1,501	2,361	1,010	115	2,444
Other industries	15,974	2,735	7,202	2,238	1,273	(D)	1,397	(D)	903	151	533	3,875	506	69	(D)
Agriculture Forestry and fishing Construction Transportation Communication and public utilities Services	1,726 131 6,336 2,934 224 4,622	(P) 9 (P) 1,800 101 443	1,136 (P) 2,505 429 (P) 2,971	112 (P) 1,175 30 (P) 897	298 22 648 85 0 220	29 0 212 ( <sup>D</sup> ) 1 453	174 (P) 292 94 (P) 758	390 (P) (P) 87 0 222	(P) 0 54 190 (P) 581	(P) 0 (P) (P) 0 (P)	256 (P) (P) (P) 0 184	42 (D) (D) (D) (D) (D) (D)	(P) 13 (P) (P) 0 86	13 0 0 (b) 0 (P)	72 (b) (b) (c) 1 0 210

 $<sup>^{\</sup>rm b}$  Suppressed to advoid disclosure of data of individual companies.  $^{\rm t}$  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

		19	80			1981						
		Millions of dollars	Thousand	s of acres		Millions of dollars	Thousand	s of acres				
	Number of employees	Gross book value of property, plant, and equipment	Land owned	Mineral rights owned and leased	Number of employees	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 Maine Massachusetts New Hampshire Rhode Island Vermont	34,948 14,471 47,901 12,328 6,914 6,298	964 748 1,256 332 271 276	9 (P) 5 (P) (*) 61	(*) (P) (*) 0 (*) (P)	40,128 17,692 52,578 13,355 9,423 5,889	1,218 1,645 1,603 402 352 312	2,602 8 (P) 1 62	(b) (p) 1 0 (*) (b)				
Mideast	466,323	16,373	548	232	547,446	23,241	692	1,206				
Delaware District of Columbia Maryland New Jersey New York Pennsylvania	8,654 2,284 40,918 120,530 179,292 114,645	476 398 1,638 4,743 5,329 3,790	8 (*) 36 37 271 197	(*) 0 (P) (P) 60 162	35,340 2,939 43,900 131,764 204,393 129,110	1,829 449 2,047 6,442 7,113 5,361	15 (*) 42 52 286 297	(*) 0 ( <sup>D</sup> ) ( <sup>D</sup> ) 65 1,114				
Great Lakes	368,054	15,591	245	2,362	378,485 111,850	18,696 5,451	554 186	3,254 622				
Illinois Indiana	112,434 47,335 65,275 84,218 58,792	4,532 1,632 3,510 4,120 1,797	61 23 80 43 40	(b) (b) (b) 258 (b)	44,881 65,070 97,018 59,666	5,451 1,814 4,150 5,040 2,242	34 86 206 41	(P)				
Plains	103,196	6,506	611	8,198	109,410	8,281	636	10,270				
Iowa Kansas Minnesota Missouri Nebraska North Dakota South Dakota	19,559 13,824 30,874 30,268 5,169 2,393 1,109	745 633 2,470 1,463 261 823 110	31 65 310 81 75 32	(*) 1,406 32 100 1,452 4,412 796	21,741 14,206 32,536 31,123 5,225 3,255 1,324	1,059 856 2,831 1,852 383 1,001 300	34 65 294 107 79 40 18	(*) 1,702 51 217 2,230 5,489 580				
Southeast	465,120	30,578	2,688	5,194	560,094	45,406	3,902	8,250				
Alabama Arkansas Florida Georgia Kentucky Louisiana Mississippi North Carolina South Carolina Tennessee Virginia West Virginia	22,698 14,780 65,923 67,410 23,203 39,556 9,542 67,522 54,239 44,063 37,206 18,978	1,851 415 4,432 3,359 1,196 6,188 975 2,746 3,869 2,208 1,423 1,915	326 74 424 450 31 189 87 208 339 391 96 73	212 449 891 27 429 1,287 769 (P) (P) 373 85 636	26,501 17,397 69,983 73,742 25,366 45,718 10,905 86,349 64,898 55,288 49,115 34,835	2,759 626 5,424 4,000 1,758 8,213 1,423 5,481 5,236 3,693 2,860 3,932	625 78 481 730 56 191 309 256 464 397 136	749 550 801 59 627 1,513 1,246 1 20 719 365 1,599				
Southwest	176,979	17,771	1,203	7,840	234,424	28,927	1,556	10,283				
Arizona New Mexico Oklahoma Texas	14,394 7,095 19,372 136,118	1,314 468 1,621 14,367	111 128 30 934	263 1,940 933 4,703	29,396 8,005 24,459 172,564	2,876 991 2,650 22,410	286 231 30 1,009	386 1,712 1,515 6,670				
Rocky Mountains	37,921	3,912	1,087	}	51,844	7,458	1,377	15,066				
Colorado. Idaho Montana Utah Wyoming	19,935 3,708 1,798 9,473 3,007	1,550 210 531 684 936	391 ( <sup>D</sup> ) 233 234 ( <sup>D</sup> )	2,151 574 4,150 3,293 2,607	23,961 3,795 2,830 17,188 4,070	2,166 302 1,176 1,765 2,048	474 175 331 305 92	2,434 874 5,684 3,203 2,871				
Far West	255,576	17,622	1,174	3,919	284,238	23,221	1,512	6,305				
California Nevada Oregon Washington	. 219,636 . 4,590 . 10,229 . 21,121	15,117 329 559 1,617	800 (P) (P) 55	1,010 1,945 ( <sup>D</sup> )	240,774 5,854 12,281 25,329	19,605 517 807 2,292	794 69 346 302	1,321 2,641 595 1,747				
Alaska Hawaii Puerto Rico Other territories and offshore <sup>2</sup> Foreign <sup>3</sup>	. 8,326 . 15,509 . 9,290 . 3,842 . 936	8,537 1,020 303 4,879 900	6 96 1 5 0	(P) (*) 0 (P) (*)	8,578 16,143 9,043 3,073 1,272	9,597 1,064 404 7,040 1,137	29 110 2 5 0	2,786 (*) (*) 5,228				

<sup>&</sup>lt;sup>D</sup> Suppressed to avoid disclosure of data of individual companies.

\*Less than 500 acres.

1. Equals the gross book value of land, mineral rights, and all other property, plant, and equipment wherever carried in the balance sheet.

See footnote 1, table 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]

					[IVUIIIDEI	ot employe									
				Europe						Austra- lia, New			Other		
	All coun- tries	Canada	Total			Of which-	United		Japan	Zealand, and	Latin America	Middle East	Africa, Asia, and	United States	Adden- dum- OPEC <sup>1</sup>
	01169		Iotai	France	Ger- many	Nether- lands	King- dom	Switzer- land		South Africa			Pacific		J. 20
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 Maine Massachusetts New Hampshire Rhode Island Vermont	34,948 14,471 47,901 12,328 6,914 6,298	2,344 6,775 6,030 2,602 492 1,511	31,724 6,321 35,938 7,477 6,259 4,449	4,369 (P) 1,951 1,596 502 (P)	5,755 ( <sup>D</sup> ) 10,311 2,540 1,313 ( <sup>D</sup> )	(P) 467 2,234 745 (D) 6	13,507 1,047 13,787 1,546 2,003 134	1,946 (P) 1,822 (P) 984 1,666	144 84 761 (P) 46 (P)	(b) (b) (b) (c)	564 ( <sup>b</sup> ) 1,572 ( <sup>b</sup> ) ( <sup>b</sup> ) ( <sup>b</sup> )	( <sup>D</sup> ) ( <sup>D</sup> ) 5 0 0	105 ( <sup>D</sup> ) ( <sup>D</sup> ) ( <sup>D</sup> ) ( <sup>D</sup> ) ( <sup>D</sup> )	(P) (P) 1,997 (P) 0 (P)	(D) (D) 3 0 0 (D)
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	( <sup>D</sup> )
Delaware District of Columbia Maryland New Jersey New York Pennsylvania	8,654 2,284 40,918 120,530 179,292 114,645	496 233 9,014 5,208 21,456 13,009	7,801 1,799 28,717 101,239 129,815 94,524	(D) (D) 7,267 11,408 18,687 12,925	951 191 8,339 26,759 23,259 31,776	(P) (P) 3,271 9,558 10,906 2,917	5,361 524 5,381 22,397 44,799 31,670	22 178 2,436 21,076 19,698 8,047	6 28 1,290 7,140 10,905 2,202	(P) (83 (P) 2,727 613	(B) (D) 1,274 2,940 6,386 3,639	(D) 21 (D) (D) (P) 2,751 (D)	(P) (P) (P) (P) (P) 30	(D) (D) (D) 195 (D) (D)	(P) (P) (P) (P)
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 Indiana Michigan Ohio Wisconsin	112,434 47,335 65,275 84,218 58,792	16,758 5,724 16,030 9,016 11,435	82,941 40,030 44,716 72,029 45,251	6,885 5,461 10,104 13,151 10,773	17,012 12,445 13,237 15,602 7,256	10,985 9,224 2,408 3,991 4,057	24,971 6,907 13,520 23,854 18,661	13,387 2,748 2,908 12,358 2,936	8,072 1,006 2,781 1,325 286	451 ( <sup>b</sup> ) 280 99 ( <sup>b</sup> )	1,689 (P) 1,155 1,226 (P)	1,774 11 (P) (P) (P)	(b) 5 (P) 69 (P)	(b) (b) (c) (d)	225 ( <sup>b</sup> ) ( <sup>b</sup> ) ( <sup>b</sup> )
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 Kansas Minnesota Missouri Nebraska North Dakota South Dakota	13,824 30,874 30,268 5,169	6,013 1,668 14,260 6,597 757 1,312 469	12,295 11,902 15,694 21,498 3,326 881 518	735 2,799 1,699 1,137 (P) 27	2,647 3,113 3,770 6,628 (P) (P) 36	1,341 687 1,313 2,263 294 (P) (B)	5,395 2,873 5,761 5,366 1,038 84 308	1,595 372 2,583 2,588 1,137 17 31	324 136 378 729 ( <sup>D</sup> ) ( <sup>D</sup> )	(P) (P) (P) (P) (P) (P) (P)	(P) (P) 46 410 (P) (P) 0	(b) (b) (b) 53 (c) (c) (d)	(P) (P) 7 935 (P) (P) (P)	(D) (D) (D) (D) (D) (D) (D)	0 (b) (b) 36 (c) (c) (c)
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 Arkansas Florida Georgia Kentucky Louisiana Mississippi North Carolina South Carolina Tennessee Virginia West Virginia	14,780 65,923 67,410 23,203 39,556 9,542 67,522	2,914 1,520 7,789 10,358 5,234 4,893 2,111 11,127 3,048 3,951 3,070 6,025	16,773 10,798 49,269 47,268 16,265 29,780 6,946 53,785 44,871 36,099 31,425 10,615	3,444 1,991 9,816 7,159 2,168 880 4,516 8,929 3,543 4,511 1,015	2,848 1,236 11,957 8,093 5,138 8,834 1,726 12,609 11,049 4,635 8,136 3,346	1,300 (P) 2,945 6,189 (P) 8,456 764 8,746 10,349 12,480 2,080	6,318 4,788 14,356 15,016 5,982 6,692 2,020 17,527 10,317 7,419 11,500 2,052	1,970 477 4,146 2,128 463 2,064 871 3,101 2,511 5,758 3,014 164	(P) (P) 1,999 5,004 386 361 262 2,572 1,564 703 (P)	(P) (P) 533 1,918 (P) (P) (P) (P) (P) (P) (P) (P) (P)	(P) (P) 5,583 1,281 (P) 3,705 (P) 316 (P) 1,709 1,507 (P)	(P) (P) (P) (P) (P) 715 (P) 643 (P) (P) (P)	(P) (P) (P) (P) (P) (P) (P) (P) (P) (P)	(P) (P) (P) (P) (P) (P) (P) (P) (P) (P)	(P) (P) 1,273 (P) (P) (P) 402 (P) (P) (P) (P) (P) (P) (P)
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 New Mexico Oklahoma Texas	14,394 7,095 19,372 136,118	3,081 1,754 2,698 16,227	7,849 4,980 15,041 98,885	670 145 1,584 12,107	4,393 2,261 5,502 29,831	344 (P) (P) 21,836	1,627 1,904 2,956 19,166	636 73 1,355 7,237	332 22 229 4,127	(b) 98 (b) 2,697	819 (P) (P) 7,298	(D) (D) (P) 6,124	(P) (P) (P)	(p) (p) (p)	(D) (D) (D) (D) 4,297
Rocky Mountains	37,921	8,969	24,311	4,349	5,402	5,252	5,912	1,505	(D)	1,071	1,452	(D)	501	240	175
Colorado	19,935 3,708 1,798 9,473 3,007	4,587 743 642 1,568 1,429	13,232 2,180 951 7,015 933	2,845 ( <sup>D</sup> ) 298 452 ( <sup>D</sup> )	3,287 82 265 1,457 311	1,003 (P) (P) (P) (P)	4,114 901 99 646 152	955 ( <sup>D</sup> ) ( <sup>D</sup> ) 163 125	397 39 71 41 (P)	818 (D) (D) (D) (D)	(D) (D) (D) 133 (D)	38 (P) (P) (P) 0	(D) (D) (D) (D)	(b) (b) (b) (b)	(P) 0 (P) (P)
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 Nevada Oregon Washington	219,636 4,590 10,229 21,121	25,621 916 2,228 4,176	132,654 2,325 6,852 13,542	14,790 457 1,869 2,503	44,930 915 2,127 3,616	21,683 24 618 1,240	32,645 672 1,150 3,305	11,317 118 551 2,149	34,806 (D) (D) 2,642	5,901 ( <sup>b</sup> ) ( <sup>b</sup> ) 503	15,136 ( <sup>D</sup> ) 12 ( <sup>D</sup> )	2,574 ( <sup>D</sup> ) ( <sup>B</sup> ) ( <sup>D</sup> )	(p) (p) (p)	(p) (p) (p) (p)	2,026 (D) (D) (D)
Alaska	8,326 15,509 9,290 3,842 936	758 745 (P) (P)	1,668 1,498 5,120 999 337	(D) (P) 1,385 (D) (P)	5 (P) 638 (P) 111	(D) 84 (D) (D) (D)	(b) 487 1,815 205 (b)	6 97 1,020 ( <sup>D</sup> )	4,640 9,034 ( <sup>b</sup> ) 1,007 20	(b) (b) 0 (b)	(D) (B) 101 (D) (D)	0 0 (P) 0	3,528 0 (P) 0	(D) (D) 572 (D) 0	0 0 ( <sup>b</sup> )

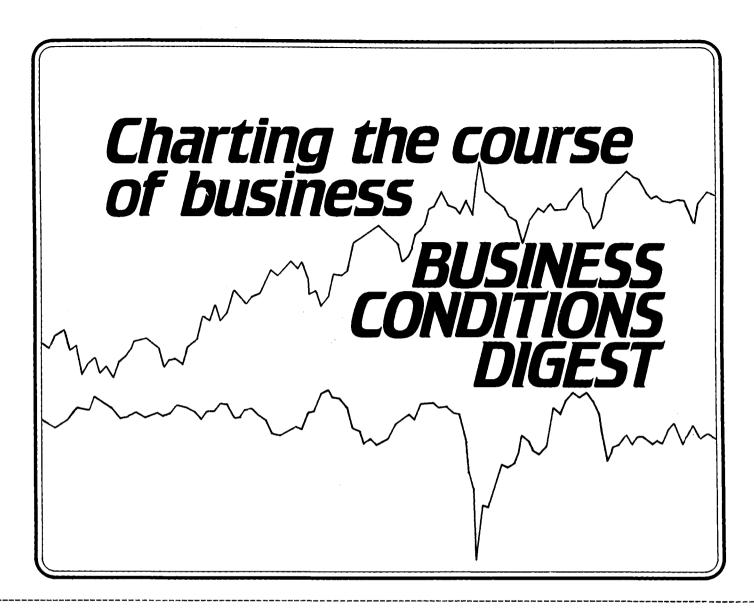
<sup>Suppressed to avoid disclosure of data of individual companies.
See footnote 1, table 5A.
See footnote 1, table 3.
See footnote 2, table 3.</sup> 

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

[Number of employees]

	1	[Numoer of employees]												<del></del> -	
	All			Europe Of which—						Austra- lia, New			Other Africa,		Adden-
	coun- tries	Canada	Total	France	Ger- many	Nether- lands	United King- dom	Switzer- land	Japan	Zealand, and South Africa	Latin America	Middle East	Asia, Asia, and Pacific	United States	dum— OPEC 1
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 Maine Massachusetts New Hampshire Rhode Island Vermont	40,128 17,692 52,578 13,355 9,423 5,889	4,382 7,216 7,189 2,977 ( <sup>D</sup> )	34,463 9,093 37,680 7,713 (D) (D)	4,685 ( <sup>D</sup> ) 1,500 1,415 ( <sup>D</sup> ) 1,821	5,842 1,085 10,783 2,595 1,462 354	(P) (P) 2,712 767 (P) 5	15,012 1,301 14,267 1,848 2,389 460	1,738 (P) 2,023 (P) 743 1,389	173 87 948 ( <sup>D</sup> ) 33 ( <sup>D</sup> )	(B) (D) (B) (D) (D) (D) (D)	573 ( <sup>D</sup> ) 1,231 ( <sup>D</sup> ) ( <sup>D</sup> ) ( <sup>D</sup> )	(b) (b) 18 0 0	(P) (D) (D) (D) (D) (D)	241 ( <sup>D</sup> ) 3,317 ( <sup>D</sup> ) 0 ( <sup>D</sup> )	(D) (D) (D) (D) (D) (D)
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 District of Columbia Maryland New Jersey New York Pennsylvania	35,340 2,939 43,900 131,764 204,393 129,110	(b) 221 (b) 14,436 23,224 18,114	30,257 101,624 145,048 103,747	(b) (D) 7,025 10,934 20,133 13,664	872 353 7,685 27,013 23,118 30,722	301 52 3,830 9,892 11,238 7,861	4,424 452 7,457 24,981 58,370 34,899	19 138 2,093 18,974 16,283 8,032	10 43 1,306 7,979 11,645 2,487	(P) (P) 97 3,007 7,658 586	15 (b) (D) 2,913 5,473 3,145	(b) (D) (D) (D) (D) (D) 3,375 (P)	0 (P) 41 (D) 1,576 (D)	(P) (D) (P) 541 6,394 768	(D) (D) (D) (D) (D) (D)
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	( <sup>D</sup> )
Illinois Indiana Michigan Ohio Wisconsin	111,850 44,881 65,070 97,018 59,666	17,687 5,969 15,638 12,735 8,842	80,129 37,026 43,206 77,599 44,598	6,734 4,483 9,774 11,508 10,292	15,862 10,663 12,083 17,332 5,698	9,805 8,370 3,556 5,303 5,440	25,034 7,768 12,610 25,629 19,089	13,777 2,328 2,492 11,517 2,638	7,467 (P) 3,562 2,924 (P)	1,031 ( <sup>D</sup> ) 250 276 ( <sup>D</sup> )	1,467 89 1,293 1,156 6	2,117 22 (P) 320 (P)	382 8 (D) (D) (D)	1,570 (P) 885 (P) (P)	(P) 20 (P) 77 (P)
Plains	109,410	33,680	66,664	6,178	16,311	5,324	21,738	9,413	3,969	1,433	(D)	(D)	1,011	542	215
Iowa Kansas Minnesota Missouri Nebraska North Dakota South Dakota	21,741 14,206 32,536 31,123 5,225 3,255 1,324	6,412 2,449 14,968 7,150 444 1,721 536	12,632 11,325 16,129 21,201 3,522 1,220 635	768 2,524 1,304 1,127 345 89 21	2,294 2,847 3,667 6,001 ( <sup>D</sup> ) ( <sup>D</sup> )	2,085 510 1,228 1,032 255 ( <sup>D</sup> )	5,734 3,267 4,800 6,167 1,128 182 460	1,197 414 4,047 2,632 1,036 55 32	(P) 140 680 1,090 (P) 5 (P)	(P) 346 (P) (P) (P) (P) (P)	(D) (D) 51 421 (D) (P) (P)	0 3 (P) 41 0 (P) 0	(D) 12 (D) (D) (D) (D) (D) (D) (D)	(D) (D) (D) (D) (D) (D) (D) (D) (D) (D)	0 (b) (b) 35 0 (b)
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 Arkansas Florida Georgia Kentucky Louisiana Mississippi North Carolina South Carolina Tennessee Virginia West Virginia	26,501 17,397 69,983 73,742 25,366 45,718 10,905 86,349 64,898 55,285 49,115 34,835	3,169 3,159 9,374 12,297 6,198 7,845 3,106 17,923 8,354 12,779 13,663 19,344	20,459 10,914 51,432 49,655 16,529 31,244 6,457 62,200 46,338 35,668 32,758 13,143	3,559 2,301 9,631 6,907 1,735 2,766 951 6,445 9,605 4,037 4,669 692	2,638 1,238 12,222 8,825 5,338 9,042 1,327 14,202 11,522 4,493 8,332 3,667	5,114 2,475 3,037 6,943 (P) 8,879 475 10,929 9,788 11,555 1,672	6,614 4,069 16,142 16,058 5,731 6,222 2,296 18,786 9,725 7,887 12,012 3,889	1,715 423 3,779 2,633 463 2,550 661 2,798 2,726 5,225 2,815 188	(P) 2,736 2,210 5,315 355 (P) 576 2,260 2,635 2,574 797 (P)	374 (P) 504 1,841 (P) 90 (P) 1400 (P) 610 (P)	(P) 278 3,748 947 (P) 3,971 (P) 281 (P) 1,564 688 (P)	(P) (P) 206 (P) (P) 2,108 (P) 641 (P) (P) (P) (P)	(P) (P) 7399 (P) (D) (P) (P) (P) (P) (P) (P) (P) (P) (P)	(b) (b) 1,770 2,042 616 (b) (b) (b) (b) (c) 1,253 439 (b)	(P) (P) 1,433 (P) (P) (P) (P) 396 (P) (P) (P) (P) (P)
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 New Mexico Oklahoma Texas	29,396 8,005 24,459 172,564	6,626 1,114 7,567 26,448	16,887 6,309 14,511 114,454	679 121 1,504 18,465	4,142 (D) (D) 30,596	415 (D) (D) 27,534	10,814 3,235 3,565 20,924	(D) (D) 1,084 7,612	518 60 539 5,705	(P) 81 (P) 5,387	(P) (P) 872 8,387	317 190 332 10,134	(b) (b) (b) 576	(b) (b) (c) (d) 1,473	(b) (D) (b) 5,851
Rocky Mountains	51,844	11,335	33,784	5,811	(D)	(D)	(D)	(D)	681	(D)	1,704	1,109	(D)	(P)	(D)
Colorado Idaho Montana Utah Wyoming	23,961 3,795 2,830 17,188 4,070	5,989 553 904 2,278 1,611	15,129 2,098 1,201 13,782 1,574	3,212 591 559 738 711	3,238 ( <sup>D</sup> ) ( <sup>P</sup> ) 1,058 325	1,351 270 (P) (P) (P)	4,533 (D) (P) (D) (D) 210	1,752 334 (P) 88 (P)	558 32 37 39 15	999 (P) (P) (P)		187 (P) 0 154 (P)	(D) (D) (D) (D)	(P) (P) 0 81 90	153 0 (P) 134 (P)
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	(P)
California Nevada Oregon Washington	240,774 5,854 12,281 25,329	28,792 1,134 2,380 4,145	138,552 3,157 8,127 16,879	14,247 319 1,356 3,119	40,661 717 4,164 4,832	24,198 (D) (D) 3,586	38,682 1,735 968 3,495	14,073 74 420 1,146	37,284 ( <sup>D</sup> ) ( <sup>D</sup> ) 2,778	6,878 (P) (P) 1,068	( <sup>D</sup> )	10,540 274 (P) (P)	1,648 (P) (P) 35	3,174 (P) 217 (P)	(D) (D) (D) (D)
Alaska Hawaii Puerto Rico Other territories and offshore <sup>2</sup> Foreign <sup>3</sup>	8,578 16,143 9,043 3,073 1,272	576 669 1,172 (P)	2,046 1,542 5,448 1,043 666	21 ( <sup>D</sup> ) 1,577 ( <sup>D</sup> ) ( <sup>D</sup> )	(P) (P) 571 (P) (P)	(P) 73 (P) 0	(P) 948 1,953 224 (P)	(b) 47 914 (b) 64	3,585 9,155 (P) (P) (P)	(D) (P) 0 0 (P)	276 ( <sup>D</sup> )	0 0 (P) 0	3,991 0 755 0	(D) (D) 621 (D) 0	0 0 (P) 0

<sup>&</sup>lt;sup>b</sup> 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.

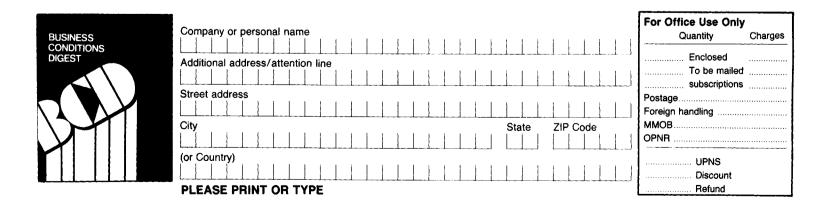


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# **CURRENT BUSINESS STATISTICS**

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

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	1981	1982		196	32						198	83				
through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	Ann	ual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
					70777	300 T			<b>D</b> ~							
		GE	NER A	T B	JSINI	ESS I	NDIC	ATO	RS							
PERSONAL INCOME BY SOURCE †												Ì				
Seasonally adjusted, at annual rates: † Total personal income	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	r2,786.1	2,818.9
Wage and salary disbursements, total do Commodity-producing industries, total do Manufacturing	1,493.2 509.5 385.3 361.6	1,568.1 509.2 383.8 378.8	1,581.2 505.9 382.8 382.3	1,583.1 501.0 378.3 383.0	1,583.1 498.6 377.2 382.3	1,591.8 499.0 376.7 385.2	1,608.9 508.6 383.8 386.6	1,606.3 507.4 384.7 384.2	1,616.8 510.0 387.9 388.4	1,632.1 517.1 393.5 390.7	1,652.2 522.0 397.5 394.8	1,660.9 527.5 401.2 397.5	1,673.5 533.3 405.8 400.0	'1,680.5 '537.0 '408.5 '396.8	r1,692.0 r542.9 r413.0 r400.4	1,712.0 547.1 415.6 408.6
Service industries	337.7 284.4 143.5	374.1 306.0 156.6	384.7 308.3 159.1	386.5 312.6 159.7	387.7 314.5 160.4	391.3 316.4 161.2	395.8 317.9 162.6	395.5 319.2 164.2	397.8 320.6 166.0	402.4 321.9 168.1	408.2 327.1 170.1	411.3 324.7 172.2	414.1 326.1 174.3	7415.5 331.1 176.3	r419.4 r329.2 178.4	425.8 330.5 180.6
Farm do Nonfarm do	30.5 89.7	21.5 87.4	18.3 88.3	23.8 89.1	28.1 89.0	26.1 92.5	22.9 96.7	21.3 97.8	22.3 100.8	22.1 103.1	21.4 106.6	19.4 109.0	16.6 109.9	r16.0 r110.9	<sup>7</sup> 20.6 7112.6	25.9 113.9
Rental income of persons with capital consumption adjustment bil. \$ Dividends. do Personal interest income do Transfer payments do Less: Personal contrib. for social insur. do Total nonfarm income do	41.4 62.8 341.3 337.2 104.6 2,377.0	49.9 66.4 366.2 374.5 112.0 2,527.6	51.4 66.8 362.2 383.1 112.8 2,549.7	52.8 67.4 361.7 392.9 112.8 2,564.5	52.9 68.0 363.3 401.0 112.7 2,575.5	51.0 68.3 364.3 403.0 113.1 2,589.4	53.8 68.7 360.0 395.4 116.6 2,600.2	54.1 68.9 356.0 398.1 116.2 2,599.7	54.3 68.9 355.7 402.0 116.8 2,618.4	54.6 69.0 355.0 402.7 117.6 2,637.5	54.8 69.4 356.9 406.7 118.8 2,668.5	55.0 69.5 359.4 406.7 119.5 2,683.8	55.3 70.2 *363.9 403.5 120.1 *2,700.9	50.8 70.9 r369.2 r402.2 120.3 r2,710.8	55.8 71.6 *374.0 *402.2 *121.1 2,735.5	56.0 72.3 377.5 403.1 122.3 2,763.0
DISPOSITION OF PERSONAL INCOME *	1											i				
Seasonally adjusted, at annual rates: Total personal income	2,435.0 387.4 2,047.6 1,912.4 1,857.2 236.1 733.9 887.1	2,578.6 402.1 2,176.5 2,051.1 1,991.9 244.5 761.0 986.4	2,597.4 400.2 2,197.2 2,086.1 2,026.4 252.1 767.9 1,006.4	2,617.8 402.9 2,214.8 2,090.3 2,030.5 240.5 773.7 1,016.3	2,633.1 403.5 2,229.6 2,110.2 2,050.2 254.5 771.7 1,024.0	2,645.0 406.0 2,239.1 2,120.5 2,060.0 261.2 773.8 1,025.1	2,652.6 399.5 2,253.2 2,127.1 2,066.2 259.1 776.5 1,030.5	2,650.5 402.3 2,248.2 2,129.3 2,068.3 256.9 774.5 1,036.9	2,670.1 403.6 2,266.5 2,146.2 2,084.6 259.6 780.1 1,044.9	2,689.0 402.2 2,286.8 2,181.8 2,119.9 270.6 786.6 1,062.7	2,719.3 415.5 2,303.8 2,218.8 2,156.4 278.6 804.4 1,073.4	2,732.6 420.2 2,312.4 2,228.0 2,164.8 284.1 807.7 1,073.0	396.9 12,350.2 12,238.9	r2,756.6 r400.1 r2,356.4 r2,237.4 r2,172.6 r278.2 r813.1 r1,081.2	*2,786.1 *403.3 *2,382.8 *2,266.5 *2,201.2 *288.2 *817.3 *1,095.7	2,818.9 408.6 2,410.4 2,278.5 2,212.9 293.6 820.4 1,098.9
business do 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	r63.7	*64.1	64.4
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	135.3 6.6	125.4 5.8	111.0 5.4	124.5 5.3	119.4 5.4	118.5 5.4	126.0 5.4	118.8 5.4	120.3 5.1	104.9 4.5	85.1 4.0	84.4 4.0	'111.3	7119.0 74.9	'116.3 5.1	131.8
Disposable personal income in constant (1972)	1,054.7	1,060.2	i	1,060.9		1,070.8	1,073.7	1,070.3	1,077.2	1,078.4	1,083.3			l	1,106.8	
Personal consumption expenditures in constant (1972) dollars do Durable goods do Nondurable goods do Services do Implicit price deflator for personal consumption	956.8 141.2 362.5 453.1	970.2 139.8 364.2 466.2	976.2 142.6 364.7 468.9	972.6 136.6 365.9 470.1	981.0 144.9 365.2 470.8	985.1 148.0 367.0 470.2	984.6 146.1 367.9 470.6	984.7 144.3 368.9 471.5	990.8 147.1 370.0	999.7 152.1 370.0 477.6	1,014.0 157.0 376.2 480.8	1,018.1 160.3 378.0 479.7	*1,018.7 160.7 378.8	1,012.9 *155.5 *377.0 *480.4	1,022.5 160.2 378.3 483.9	
expenditures index, $197\hat{2} = 100$ .	194.1	205.3	207.6	208.8	209.0	209.1	209.8	210.0	210.4	212.1	212.7	212.6	r213.5	r214.5	215.3	
INDUSTRIAL PRODUCTION			l	}			l			1						ļ
Federal Reserve Board Index of Quantity Output  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	r147.0	r153.2	₽157.3	*158.4
By industry groupings: Mining and utilitiesdo	155.0	146.3	140.1	136.7	136.4	140.7	147.2	141.7	136.8	134.2	133.4	137.8		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	r153.2	₽159.2	*160.7
Nondurable manufactures do Durable manufactures do	164.8 140.5	156.2 124.7	164.1 125.4	162.4 122.5	155.7 119.9	147.5 117.2	149.9 119.2	157.5 124.5	160.8 128.1	162.3 129.7	165.0 131.8	172.6 136.5		'177.1 '136.7	P181.8 P143.6	°181.0 °146.7
Seasonally Adjusted				ļ												
Total index do  By market groupings:	151.0	138.6		135.7	134.9	135.2	137.4	138.1	140.0	142.6	144.4	146.4		151.7	P153.6	
Products, total do Final products do Consumer goods do	150.6 149.5 147.9	141.8 141.5 142.6	140.8 140.0 143.4	139.3 138.7 142.2	139.0 138.3 141.3	139.9 139.5 142.0	140.9 140.1 143.6	138.9	141.6 139.9 144.3	144.5 142.8 147.7	146.2 144.5 150.4	148.1 146.4 152.4	150.9 149.0 '154.8	'150.6	P154.7 P152.5 P157.8	°155.9 °153.8 °158.2

Unless otherwise stated in footnotes below, data	1981	1982	<del></del> -	19	82						19	83				
through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	Anr	ual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
	GEI	NERA	L BU	SINE	SS II	<b>NDIC</b>	ATOF	RS—C	ontin	ued						
INDUSTRIAL PRODUCTION—Continued Seasonally Adjusted—Continued																
By market groupings—Continued Final products—Continued	!					,										
Durable consumer goods 1967=100 Automotive productsdo	140.5 137.9	129.2 129.5	131.3 135.5 105.8	126.5 123.6	124.6 120.7 86.9	125.9 128.7 99.0	131.6 136.2 107.0	134.4 144.3 120.8		140.5 144.9 117.8	145.5 152.2 124.9	149.2 160.0 135.4	*152.9 167.0 145.4	'154.0 '167.5 147.0	P157.9 P173.4 P153.1	*158.0 *171.2 *149.8
Autos and utility vehicles	111.2 103.4 142.0	99.0 86.6 129.1	94.3 128.9	89.6 79.5 128.1	77.7 126.8	87.9 124.3	97.1 129.1	107.3 128.8	99.9 132.8	102.7 138.1	107.4 141.8	118.3	129.8	132.0	°135.0	°130.3
Nondurable consumer goods	150.9 119.8	148.0	148.2	148.5	147.9	148.4	148.3	147.0	147.5	150.5	152.3	153.6	r155.6	r156.9	P157.8	*158.2
Consumer staples do Consumer foods and tobacco do Nonfood staples do	159.5 150.3 170.0	159.0 149.7 169.7	158.8 148.6 170.7	159.1 150.2 169.5	158.1 149.0 168.7	158.8 149.5 169.6	158.6 150.9 167.6	157.4 149.5 166.5	158.1 148.4 169.4	161.1 150.9 172.9	162.8 153.2 174.0	164.3 155.9 174.1	*166.1 *156.6 *177.2	*167.7 156.1 *181.2	P168.5	*168.8 *181.7
Equipment do  Business equipment do  Industrial equipment #do	151.8 181.1 166.4	139.8 157.9 134.9	135.2 150.5 123.8	134.0 147.1 118.3	134.2 146.4 117.2	136.1 148.1 117.9	135.3 146.6 118.4	132.7 142.7 113.7	133.8 143.7 113.1	136.2 146.9 113.5	136.5 147.7 114.5	138.2 150.2 116.3	'141.0 '153.3 '119.9	'143.1 '156.5 '124.2	P145.1 P158.8 P125.9	*147.8 *162.3 *128.9
Building and mining equip do Manufacturing equipment do	286.2 127.9	214.2 107.2	182.1 101.6	169.3 98.0	165.7 97.5	171.9 97.0	173.8 97.6	153.6 97.9	145.3 99.7	141.8 101.7	146.2 102.5	148.7 105.0	154.4 108.9	'159.2 '113.5	P162.1 P115.1	*169.8 *117.7
Commercial, transit, farm eq. # do Commercial equipment do Transit equipment do	198.0 258.7 125.4	184.4 253.5 103.9	181.4 254.0 95.5	180.5 253.5 93.2	180.2 254.8 92.3	183.0 258.6 96.2	179.2 254.9 90.8	176.1 251.2 88.2	179.2 255.7 90.1	185.4 264.3 92.0	186.1 265.0 92.6		191.9 276.0 92.0	193.8 277.0 95.9	P196.8 P281.1 P97.4	*200.8 *285.9 *101.0
Defense and space equipment	102.7 154.4 141.9	109.4 143.3 124.3	109.5 143.7 125.5	111.9 141.6 122.5	113.6 141.8 123.4	115.9 141.5 123.0	116.4 143.7 127.0	116.1 145.3 129.7	117.0 147.8 133.1	118.2 150.8 136.4	117.6 152.2 138.4	118.0 154.5 142.1	*120.4 158.1 145.8	'120.7 '161.7 '149.2	P122.0 P163.2 P150.7	*123.5 *163.9 *151.0
Business supplies do	166.7 151.6	162.1 133.7	161.8 132.0	160.5 130.0	160.1 128.4	159.8 127.8	160.3 132.0	160.9 134.9	162.3 137.6	165.2 139.7	166.0 141.7	166.8 143.7	°170.4 °147.8	'174.1 149.6	P175.6 P151.7	*153.0
Durable goods materials	149.1 174.6 129.0	125.0 157.5 125.1	123.0 158.5 121.0	118.5 158.2 122.6	116.4 157.3 121.4	116.5 155.6 120.4	121.5 159.7 123.0	125.3 164.0 121.8	128.7 167.5 121.9	132.4 168.7 121.6	134.7 172.1 121.1	137.0 174.3 121.8	*141.1 *177.0 *127.7	'144.1 '177.7 '128.3	P147.2 P181.0 P126.4	*149.3 *181.9 *126.1
By industry groupings: Mining and utilities	155.0 142.2	146.3 126.1	139.7 114.7	140.4 115.9	140.4 116.8	140.1 118.4	141.3 121.9	137.5 115.6	137.7 112.6	138.9 111.6	139.7 112.8	139.6 112.6	143.8 *115.0	'146.1 '116.3	°145.2 °117.4	*145.1 *118.5
Metal mining	123.1 141.3 146.8	82.4 142.7 131.1	55.4 127.9 121.0	63.1 143.2 119.1	70.4 134.1 120.3	74.9 129.7 122.9	81.7 144.8 124.6	75.1 136.5 117.0	75.2 127.3 114.4	79.8 125.3 112.2	84.4 125.6 112.5	82.9 124.6	82.5 139.9 113.9	*80.9 141.2 *115.0	P80.1 P140.5 P116.3	*142.7 *117.5
Crude oil do  Natural gas do  Stone and earth mineralsdo	95.1 111.8 129.4	95.1 104.1 112.1	94.9 101.3 106.3	93.9 104.2 108.5	94.6 103.5 111.9	95.1 96.8 111.7	96.5 101.7 112.8	94.4 96.5 115.7	95.3 98.2 114.0	96.0	95.3 94.1 122.5		r95.7 89.1 r121.2	194.7	₱95.2 ₱127.9	
Utilities do Electric do	169.1 190.9	168.7 190.5	167.5 188.2	167.8 188.4	166.7 188.3	164.2 185.6	163.1 184.4	162.0 183.0	165.8 188.2	169.3 192.7	169.7 192.9	169.8 192.0	176.0 °200.9	*179.5 *205.7	P176.4 P201.2	°174.8 °198.7
Manufacturing	150.4 164.8 152.1	137.6 156.2 151.1	137.1 156.7 149.0	135.0 156.2 151.5	134.0 155.3 152.0	134.5 155.6 152.8	136.7 157.4 154.4	138.2 159.0 153.0	140.4 160.7 152.0	143.1 163.3 153.7	145.1 165.4 155.6	147.4 167.8 157.7	'150.6 '170.6 '159.9	'152.6 '172.5 159.0	°154.8 °173.9	°156.2 °174.6
Tobacco products	122.2 135.7	118.0 124.5	113.3 126.1	110.6 125.9	113.0 123.1	109.9 122.2	104.7 125.8	108.5 130.7	113.4 131.9	114.8 136.6	112.9 139.6	120.0	112.9 146.7	118.6 1147.5	▶147.7	
Apparel products do do	120.4 155.0	150.8	154.3	155.0	154.5	151.1	158.8	155.6 144.0	156.3 145.9	157.0 145.7	161.5 145.2	163.0 147.4	'165.1	r168.2	P168.5	*168.0
Printing and publishing do! Chemicals and products do Petroleum products do Rubber and plastics products do	144.2 215.6 129.7 274.0	144.1 196.1 121.8 254.7	144.3 196.4 122.6 262.0	142.0 194.1 123.8 256.3	141.7 192.8 120.0 250.2	142.8 195.9 118.7 249.7	141.3 197.6 113.5 256.2	202.3 111.7 264.0	205.7 114.8 272.0	208.5 120.6 283.0	211.0 123.8 288.0	214.7 123.0 293.8	*218.3 *124.3 296.1	*156.3 *220.4 *122.9 *304.9	P158.6 P222.1 P126.5 P309.3	*160.9 *123.7
Leather and products do  Durable manufactures do	69.3 140.5	60.9 124.7	60.9 123.5	59.5 120.3	57.7 119.3	56.0 119.9	59.5 122.5	61.7 123.9	59.4 126.3	58.7 129.1	59.6 131.0	60.1 133.2	62.3 136.8	'64.4 '138.7	P65.1	°143.5
Ordnance, pvt. and govt	81.1 119.1	86.9 112.6	86.9 119.9	89.5 117.2	91.9 119.1	92.5 121.4	93.5 130.0	93.3 130.2	91.9 128.7	93.2 132.1	92.6 135.8	ŀ	95.2 141.3	r96.8 r141.6	₽98.5 ₽141.5	*99.8
Furniture and fixtures do Clay, glass, and stone products do Primary metals do Iron and steel do	157.2 147.9 107.9 99.8	151.9 128.2 75.3	155.7 130.4 73.2	154.3 128.1 69.6	152.4 127.3 63.6	153.7 125.4 63.5	150.0 128.0 73.1 59.0	154.0 131.8 77.9 64.3	161.0 135.6 81.2 66.9	167.7 138.3 83.1 68.5	169.6 139.2 84.9 69.5	173.1 141.7 84.8 69.7	*175.2 145.8 85.5 71.8	'179.0 '148.2 '87.2 '75.1	P179.8 P151.4 P91.3 P78.1	*94.1
Nonferrous metals do Fabricated metal products do Nonelectrical machinery do	122.4 136.4 171.2	61.7 99.7 114.8 149.0	56.4 106.2 112.3 144.9	54.1 95.5 107.6 140.4	47.5 92.2 107.0 139.6	46.6 94.2 107.3 139.2	100.6 107.6 138.0	102.6 110.3 136.2	107.3 113.9 138.6	105.4 115.3 143.1	110.0 115.5 146.1	110.7	r112.6 r122.7	108.1 126.0 157.2	P113.4 P128.2 P158.5	°129.3 °161.9
Electrical machinery do  Transportation equipment do	178.4 116.1	169.3 104.9	167.0 105.3	165.4 100.8	165.5 100.2	165.5 103.7	169.5 106.3	168.9 109.6	173.8 110.1	177.2 111.4	180.1 113.8	182.4 116.6	r188.3 119.7	'189.2 '121.1	P194.4 P124.7	*198.1 *125.6
Motor vehicles and parts do do Instruments do	122.3 170.3	109.8 161.9	113.5 161.9	103.0 157.4	101.7 155.8	108.8 155.2	113.9 154.5	123.0 153.4	123.2 154.0	125.5 155.1	130.4 156.0	136.2 156.1	142.3 159.3	*144.3 *161.6	P150.7 P163.5	°151.1 °163.7
Mfg. and trade sales (unadj.), total $\ddagger$ mil. $\$$	]	4,130,150			342,005	357,536				349,802			352,703	r375,256	387,228	)
Mfg. and trade sales (seas. adj.), total ‡	14,273,188 12,017,545 1,006,465	14,130,150 11,910,119 922,115	342,882 160,458 76,419	336,905 154,194 72,478	338,722 154,318 73,005	338,391 154,543 73,495	345,337 158,239 77,744	341,490 158,081 77,769	348,009 161,803 79,595	351,407 163,372 80,548	363,925 167,965 82,669	ı		*374,434 *175,989 *87,918	178,887	
Nondurable goods industries	1,011,080 1,047,573	988,004 1,075,679	84,039 89,897	81,716 90,905	81,313 92,492	81,048 92,459	80,495 92,308	80,312 91,164	82,208 93,263	83,824 95,449	85,296 98,431	87,338 99,173	86,952 99,521	'88,071 '97,801	89,681 99,111	
Durable goods stores do  Nondurable goods stores do  Merchant wholesalers, total @do	316,020 731,553 1,208,070	320,868 754,811 11,144,352	26,619 63,278 92,527	27,154 63,751 91,806	28,721 63,771 91,912	28,723 63,736 91,389	28,307 64,001 94,790	27,490 63,674 92,245	29,160 64,103 92,943	30,668 64,781 92,586	32,124 66,307 97,529	32,663 66,510 100,479	32,539 66,982 100,315	730,893 766,908	31,972 67,139 102,030	
Durable goods establishments do Nondurable goods establishments do	509,743 698,327	457,713 686,639	92,527 37,208 55,319	91,806 37,645 54,161	91,912 37,900 54,012	91,389 37,756 53,633	39,617 55,173	92,245 37,222 55,023	37,570 55,373	37,758 54,828	39,519 58,010	42,009	41,889	*100,644 *41,455 *59,189	102,030 42,266 59,764	
Mfg. and trade sales in constant (1972) dollars (seas. adj.), total *			152.8 69.9	149.5 67.2	151.2 67.4	151.2 67.6	155.4 70.1	153.9 70.0	156.2 71.5	156.0 72.0	161.6 73.7	76.1	164.1 74.9	*164.7 *76.4	166.0 76.9	
Retail trade * do Merchant wholesalers * do	,		46.2 36.8	45.9 36.4	47.0 36.8	47.0 36.6	47.0 38.2	46.9 36.9	47.8 36.9	47.7 36.3	49.1 38.8	49.8 39.8	49.8 39.5	r49.0 r39.3	49.6	
See footnotes at end of tables																

Unless otherwise stated in footnotes below, data 1981 1982 1982 1983																
Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown	L	1982		19	82				·		19	83				
in the 1979 edition of BUSINESS STATISTICS		nual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
	GE	NERA	L BU	SINE	ss in	<b>IDIC</b>	ATOF	RS—C	ontir	ued						
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	r505,787	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	r510,430	513,824	
Manufacturing, total †	282,333 186,222 96,111	264,902 175,200 89,702	271,675 180,520 91,155	179,675	267,920 177,061 90,859	264,902 175,200 89,702	262,117 172,506 89,611	260,856 171,572 89,284	257,304 169,377 87,927	257,397 169,814 87,583	258,149 170,734 87,415	257,390 169,840 87,550	258,176 169,693 88,483	'259,834 '170,576 '89,258	260,944 171,276 89,668	
Retail trade, total §	126,833 59,095 67,738	128,250 59,597 68,653	129,788 61,668 68,120	128,849 60,581 68,268	127,619 59,417 68,202	128,250 59,597 68,653	127,869 59,735 68,134	130,392 61,517 68,875	129,327 60,412 68,915	129,901 60,640 69,261	131,654 61,401 70,253	132,501 62,019 70,482	131,905 61,284 70,621	*133,783 *62,313 *71,470	135,366 64,038 71,328	
Merchant wholesalers, total @	116,986 76,674 40,312	118,790 78,514 40,276	119,537 79,811 39,726	120,162 80,567 39,595	118,349 78,752 39,597	118,790 78,514 40,276	117,564 77,571 39,993	116,417 75,814 40,603	116,591 75,708 40,883	117,498 75,338 42,160	115,855 73,710 42,145	115,630 74,007 41,623	115,745 74,126 41,619	*116,813 *74,950 *41,863	117,514 75,829 41,685	
Mfg. and trade inventories in constant(1972)dollars, end of year or month(seas.adj.),total*			266.0 143.0 66.1 56.9	264.9 142.2 65.8 56.9	262.1 140.7 64.9 56.5	261.2 139.6 65.1 56.5	259.2 138.2 64.9 56.1	259.4 137.7 66.1 55.6	257.6 136.5 65.9 55.2	257.2 136.3 65.8 55.1	257.5 136.6 66.2 54.7	257.1 136.3 66.3 54.4	*257.0 136.3 *66.0 54.7	*258.0 136.7 *66.4 *54.9	259.3 137.1 67.2 55.0	
BUSINESS INVENTORY-SALES RATIOS																
Manufacturing and trade, total ‡ ratio  Manufacturing, total †	1.66	1.51 1.76	1.52 1.69	1.54 1.76	1.52 1.74	1.51 1.71	1.47 1.66	1.49 1.65	1.45 1.59	1.44 1.58	1.39 1.54	1.35 1.48	1.36 1.50	'1.36 1.48	1.35 1.46	
Durable goods industries do  Materials and supplies do  Work in process do  Finished goods do	2.19 0.69 0.97 0.53	2.41 0.73 1.06 0.62	2.36 0.71 1.05 0.62	2.48 0.75 1.11 0.66	2.43 0.74 1.10 0.63	2.38 0.72 1.08 0.61	2.22 0.66 0.99 0.56	2.21 0.66 0.98 0.56	2.13 0.63 0.95 0.55	2.11 0.63 0.95 0.54	2.07 0.61 0.93 0.53	1.96 0.58 0.88 0.50	1.98 0.59 0.89 0.51	"1.94 0.58 "0.87 0.50	1.92 0.57 0.86 0.49	
Nondurable goods industries	0.19	1.14 0.46 0.19 0.49	1.08 0.43 0.18 0.47	1.11 0.44 0.19	1.12 0.45 0.19	1.11 0.45 0.18	1.11 0.44 0.18	1.11 0.44 0.18	1.07 0.42 0.17	1.06 0.42 0.17	1.02 0.41 0.17	1.00 0.40 0.16	1.02 0.40 0.17	r1.01 0.41 r0.16	1.00 0.40 0.16	
Finished goods         do           Retail trade, total §	1.40 2.17 1.06	1.42 2.20 1.08	1.44 2.32 1.08	0.49 1.42 2.23 1.07	0.49 1.38 2.07 1.07	0.48 1.39 2.07 1.08	0.50 1.39 2.11 1.06	0.49 1.43 2.24 1.08	0.47 1.39 2.07 1.08	0.47 1.36 1.98 1.07	0.45 1.34 1.91 1.06	0.44 1.34 1.90 1.06	0.45 1.33 1.88 1.05	r0.44 1.37 r2.02 1.07	0.44 1.37 2.00 1.06	
Merchant wholesalers, total @	1.13 1.74 0.69	1.24 2.06 0.70	1.29 2.14 0.72	1.31 2.14 0.73	1.29 2.08 0.73	1.30 2.08 0.75	1.24 1.96 0.72	1.26 2.04 0.74	1.25 2.02 0.74	1.27 2.00 0.77	1.19 1.87 0.73	1.15 1.76 0.71	1.15 1.77 0.71	71.16 11.81 10.71	1.15 1.79 0.70	
Manufacturing and trade in constant (1972) dollars, total * do         do           Manufacturing * do         do           Retail trade * do         do           Merchant wholesalers * do         do			1.74 2.05 1.43 1.55	1.77 2.12 1.43 1.56	1.73 2.09 1.38 1.54	1.73 2.06 1.39 1.55	1.67 1.97 1.38 1.47	1.69 1.97 1.41 1.51	1.65 1.91 1.38 1.50	1.65 1.89 1.38 1.52	1.59 1.85 1.35 1.41	1.55 1.79 1.33 1.37	1.57 1.82 1.33 1.39	'1.57 '1.79 '1.36 '1.40	1.56 1.78 1.36 1.39	
MANUFACTURERS' SALES, INVENTORIES, AND ORDERS																
Shipments (not seas. adj.), total † mil. \$	1		167,548	159,487	153,628	150,068	146,613	159,488	170,007	164,345	168,943	182,537	158,500	r172,163	186,806	
Durable goods industries, total do.  Stone, clay, and glass products do.  Primary metals do.  Blast furnaces, steel mills do.  Fabricated metal products do.  Machinery, except electrical do.  Electrical machinery do.  Transportation equipment do.  Motor vehicles and parts do.  Instruments and related products do.	48,001 141,943 70,125 123,665 201,538 140,195	922,115 44,005 107,031 47,320 113,967 180,612 140,550 195,370 112,177 48,873	80,160 3,989 8,593 3,615 9,825 15,488 12,301 17,130 10,024 4,516	75,894 3,903 7,979 3,130 9,324 13,902 11,908 16,393 9,432 4,085	72,461 3,578 7,383 2,993 8,855 13,727 11,496 15,654 8,622 4,049	71,371 3,237 7,394 3,059 8,257 14,678 11,421 15,489 7,694 4,064	69,982 3,368 8,066 3,220 8,469 12,186 11,042 16,123 9,826 3,673	78,272 3,549 8,671 3,429 9,374 13,413 12,214 19,113 11,737 3,900	85,247 3,887 9,482 3,896 10,074 15,424 12,967 20,529 12,346 4,204	82,053 3,962 9,448 3,792 9,773 14,038 12,545 19,623 11,985 3,892	83,953 4,108 9,714 3,774 10,198 14,315 12,605 20,030 12,875 3,906	92,512 4,518 10,201 4,122 10,757 16,519 13,989 22,284 14,088 4,378	76,658 3,944 8,904 3,524 9,217 13,851 11,553 16,744 10,211 3,892	*83,450 *4,475 *9,581 *3,860 *10,389 *14,224 *12,481 *18,389 *11,693 *4,082	93,599 4,701 10,392 4,122 11,296 16,337 14,502 21,536 14,003 4,551	
Nondurable goods industries, total do Food and kindred products do Tobacco products do Textile mill products do	1,011,080 272,140 13,130 50,261	988,004 277,324 14,455 47,217	87,388 24,867 1,498 4,252	83,593 23,694 1,265 4,076	81,167 23,325 1,108 3,842	78,697 22,883 1,347 3,826	76,631 21,404 1,046 3,445	81,216 23,596 1,121 3,949	84,760 24,454 1,476 4,557	82,292 22,835 1,269 4,140	84,990 23,904 1,414 4,332	90,025 24,980 1,803 4,763	81,842 22,498 1,374 3,775	*88,713 *24,244 *1,505 *4,651	93,207 26,286 1,817 4,882	
Paper and allied products do Chemical and allied products do Petroleum and coal products do Rubber and plastics products do	80,236 180,457 224,132 53,173	78,989 172,803 206,430 50,163	6,754 14,948 17,824 4,442	6,669 13,269 17,473 4,344	6,354 13,284 16,793 3,832	6,038 13,719 16,379 3,533	6,506 13,851 15,241 3,901	6,813 14,974 14,206 4,130	7,058 16,109 14,781 4,148	7,070 15,351 15,431 4,280	6,975 16,307 15,835 4,237	7,423 17,010 16,789 4,614	6,676 14,330 16,610 4,118	7,487 15,591 16,723 4,438	7,578 16,992 16,836	***************************************
Shipments (seas. adj.), total †			160,458 76,419 3,686 8,385 3,593	154,194 72,478 3,624 7,841 3,114	73,005 3,627 7,737 3,127	154,543 73,495 3,634 7,916 3,163	158,239 77,744 4,016 8,240 3,249	158,081 77,769 3,799 8,230 3,241	161,803 79,595 3,822 8,925 3,594	163,065 80,241 3,885 8,958 3,588	167,965 82,669 4,039 9,481 3,782	173,920 86,582 4,150 9,744 3,937	172,598 85,646 3,987 9,988 3,964	r175,989 r87,918 r4,241 r10,048 r4,115	178,887 89,206 4,339 10,119	
Fabricated metal products			9,447 14,948 11,651 16,476 9,634 4,245	8,904 13,841 11,429 15,165 8,176 3,949	9,082 14,123 11,372 15,310 8,290 3,944	8,856 13,794 11,557 16,120 8,894 4,050	9,358 13,701 11,987 17,998 10,732 4,101	9,373 13,097 11,977 19,135 11,666 3,954	9,515 14,191 12,364 18,530 11,037 3,946	9,563 14,117 12,619 18,510 11,006 3,971	10,028 14,429 12,738 19,057 12,097 3,964	10,055 15,224 13,193 20,631 12,847 4,087	10,008 15,410 12,954 19,810 12,710 4,338	'10,328 '15,111 '12,870 '21,917 '14,672 '4,116	10,879 15,735 13,726 20,705 13,442	
Nondurable goods industries, total # do Food and kindred products do Tobacco products do Textile mill products do Paper and allied products do Chemicals and allied products do Petroleum and coal products do Rubber and plastics products do See footnotes at end of tables.			84,039 23,519 1,504 3,984 6,581 14,516 17,829 4,293	81,716 22,904 1,219 3,911 6,575 13,799 17,563 4,092	81,313 22,937 1,094 3,820 6,581 14,135 16,831 4,032	81,048 22,931 1,306 4,100 6,531 14,163 16,279 3,931	80,495 23,018 1,102 3,823 6,768 14,287 14,804 4,183	80,312 23,583 1,191 3,936 6,614 14,709 13,953 3,967	82,208 23,778 1,572 4,173 6,695 14,716 15,068 4,017	82,824 23,460 1,267 4,166 6,994 14,635 15,877	85,296 24,339 1,405 4,270 6,918 15,681 15,834 4,231	87,338 24,217 1,763 4,395 7,126 16,178 16,501 4,390	86,952 23,964 1,347 4,476 7,124 15,825 16,920 4,429	*88,071 *24,131 *1,441 *4,560 *7,307 *16,196 *16,669 *4,321	89,681 24,823 1,825 4,573 7,379 16,721 16,808	

Unless otherwise stated in footnotes below, data	1981	1982		198	32						190	83				
through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	Ann	ual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
	GEN	IERA	L BU	SINE	SS IN	DICA	ATOR	RS—C	ontin	ued						
MANUFACTURERS' SALES, INVENTORIES, AND ORDERS †—Continued									·							
Shipments (seas. adj.) †—Continued					, ,			ı	. ,		ļ			, ]		
By market category: †  Home goods and apparel	135,915 1355,359 1305,123 137,770 149,156 1934,222	130,888 1367,743 1290,655 130,758 135,945 1854,130	11,092 31,456 24,421 11,109 11,402 70,978	10,904 30,345 23,395 9,625 11,208 68,717	10,676 30,592 23,506 9,822 11,226 68,496	10,395 30,792 23,805 10,445 11,048 68,058	11,276 30,811 23,426 12,501 12,433 67,792	11,415 31,501 23,061 13,474 12,026 66,604	11,208 32,055 23,797 12,902 12,291 69,550	11,716 31,133 23,992 12,886 12,311 71,027	11,769 32,423 23,448 13,998 13,018 73,309	12,107 32,713 25,424 14,783 13,552 75,341	12,369 31,680 24,993 14,635 13,198 75,723	*12,520 *32,419 *24,569 *16,579 *13,407 *76,495	12,679 32,780 25,877 15,349 14,006 78,196	
Household durables do Capital goods industries do Nondefense do Defense do	*61,152 *345,885 *297,788 *48,097	157,753 1327,792 1271,379 156,413	4,927 27,111 22,130 4,981	4,828 26,220 21,210 5,010	4,683 26,279 21,311 4,968	4,449 26,532 21,455 5,077	4,976 26,339 21,196 5,143	4,910 26,017 20,762 5,255	4,971 27,153 22,037 5,116	5,252 27,402 22,131 5,271	5,284 26,788 21,612 5,176	5,534 28,953 23,616 5,337	5,461 28,253 22,570 5,683	'5,470 '28,007 '22,565 '5,442	5,575 29,285 23,886 5,399	
Inventories, end of year or month: † Book value (unadjusted), total	279,454 183,616 95,838	261,987 172,615 89,372	269,207 178,831 90,376	268,917 177,979 90,938	266,310 175,402 90,908	261,987 172,615 89,372	262,428 172,243 90,185	262,695 173,009 89,686	259,430 171,120 88,310	260,170 171,819 88,351	260,480 172,589 87,891	257,931 170,623 87,308	257,422 169,590 87,832	r258,561 r170,219 r88,342	258,367 169,739 88,628	
Book value (seasonally adjusted), total †	282,333 186,222 6,445 25,509 13,194	264,902 175,200 5,962 21,306 10,603	271,675 180,520 6,076 23,271 11,847	270,786 179,675 6,070 22,964 11,664	267,920 177,061 6,036 22,375 11,322	264,902 175,200 5,962 21,306 10,603	262,117 172,506 5,724 20,674 10,062	260,856 171,572 5,751 20,592 9,945	257,304 169,377 5,786 20,174 9,770	257,397 169,814 5,783 20,543 10,008	258,149 170,734 5,727 20,563 9,961	257,390 169,840 5,694 20,302 9,808	258,176 169,693 5,725 20,105 9,771	r259,834 r170,576 r5,714 r20,010 r9,560	260,944 171,276 5,723 19,906 9,483	
Fabricated metal products do  Machinery, except electrical do Electrical machinery do  Transportation equipment do  Motor vehicles and parts do  Instruments and related products do  By stage of fabrication:	20,332 43,494 28,474 37,539 9,054 9,755	17,746 40,153 26,713 40,491 8,308 9,308	19,106 41,982 27,098 39,381 8,313 9,565	18,671 41,945 27,026 39,612 8,196 9,538	18,068 40,979 27,095 39,426 7,952 9,418	17,746 40,153 26,713 40,491 8,308 9,308	17,444 39,539 26,589 39,917 8,063 9,047	17,310 39,234 26,287 39,771 8,175 8,954	17,121 38,636 26,085 39,150 8,144 8,830	17,264 38,269 26,165 39,278 8,367 8,927	17,310 38,197 26,424 39,826 8,466 8,965	17,418 37,842 26,711 39,267 8,375 8,840	17,603 37,310 26,791 39,334 8,594	*17,783 *37,316 *27,098 *39,594 *8,537 *8,982	17,607 37,935 27,259 39,728 8,561	
Materials and supplies do  Work in process do  Finished goods do	57,953 81,107 47,162	52,543 77,908 44,749	54,355 78,776 47,389	53,969 78,973 46,733	53,100 78,308 45,653	52,543 77,908 44,749	51,453 77,141 43,912	51,410 76,420 43,742	50,016 75,896 43,465	50,268 76,018 43,528	50,582 76,686 43,466	50,333 75,928 43,579	50,137 76,081 43,475	'50,849 '76,116 '43,611	51,074 76,824 43,378	
Nondurable goods industries, total # do Food and kindred products do Tobacco products do Textile mill products do Paper and allied products do Chemicals and allied products do Petroleum and coal products do Rubber and plastics products do By stage of fabrication:	96,111 21,382 4,338 6,836 8,641 22,011 10,689 6,557	89,702 20,680 4,370 6,164 8,607 19,898 9,411 5,824	91,155 20,896 4,489 6,314 8,657 20,625 9,326 5,916	91,111 20,820 4,374 6,261 8,687 20,635 9,357 5,984	90,859 20,808 4,419 6,261 8,693 20,255 9,740 5,874	89,702 20,680 4,370 6,164 8,607 19,898 9,411 5,824	89,611 20,855 4,503 6,195 8,534 19,503 9,685 5,666	89,284 20,733 4,549 6,127 8,483 19,434 9,782 5,670	87,927 20,654 4,596 6,180 8,370 19,364 8,855 5,629	87,583 20,536 4,707 6,225 8,304 19,401 8,588 5,638	87,415 20,496 4,609 6,349 8,347 19,267 8,584 5,656	87,550 20,201 4,708 6,478 8,326 19,253 8,505 5,734	19,509 8,487	*89,258 *21,081 4,641 *6,706 *8,391 *19,803 *8,330 *5,700	8,510 19,643 8,605	
Materials and supplies	37,726 15,995 42,390	35,140 14,241 40,321	35,801 14,949 40,405	35,465 14,772 40,874	35,509 14,608 40,742	35,140 14,241 40,321	35,360 14,378 39,873	35,257 14,477 39,550	34,815 14,164 38,948	34,722 14,347 38,514	34,592 14,174 38,649	34,989 14,206 38,355	14,441	*35,814 *14,440 *39,004	36,208 14,423 39,037	
By market category: † Home goods and apparel do Consumer staples do Equip. and defense prod. exc. auto do Automotive equipment do Construction materials and supplies do Other materials and supplies do Supplementary series:	22,226 33,997 76,449 11,395 21,464 116,802	20,244 33,266 76,504 10,473 18,928 105,487	20,932 33,652 77,326 10,404 19,579 109,782	20,780 33,589 77,442 10,347 19,400 109,228	20,472 33,485 76,747 10,074 19,189 107,953	20,244 33,266 76,504 10,473 18,928 105,487	20,091 33,452 75,573 10,207 18,459 104,335	1	19,737 33,192 73,963 10,123 18,607 101,682	19,800 32,998 73,713 10,297 18,604 101,985	19,893 32,982 74,126 10,509 18,545 102,094	20,226 32,812 73,193 10,426 18,777 101,956	33,237 72,899 10,635 19,018	19,208	20,475 33,837 73,969 10,629 19,378 103,656	
Household durables do Capital goods industries do Nondefense do Defense do	10,894 86,301 72,915 13,386	9,895 86,280 70,297 15,983	10,417 87,137 72,098 15,039	10,265 87,305 71,971 15,334	71,036	9,895 86,280 70,297 15,983	9,908 85,473 68,935 16,538	84,908 68,407			9,786 84,006 66,766 17,240	65,945	65,433			
New orders, net (not seas. adj.), total †	1,004,703 1,010,386	1,888,448 901,237 987,211 11,888,448	75,955 87,520	159,054 75,559 83,495 152,362	150,600 69,483 81,117 152,604	155,180 76,245 78,935 157,382	154,561 77,665 76,896 162,871	160,300 79,059 81,241 157,757	172,686 87,411 85,275 162,587	166,871 84,375 82,496 166,025	168,383 83,297 85,086 169,874	183,816 93,788 90,028 178,489	77,987 82,118	'172,883 '83,883 '89,000 '178,302	94,770 93,529	
By industry group: Durable goods industries, total do Primary metals do Blast furnaces, steel mills do Nonferrous and other primary met do	11,004,703 1138,968 169,302 157,310	1901,237 100,876 143,405 148,201	72,348 8,054 3,294 4,096	70,735 7,116 2,810 3,658	71,067 7,670 3,005 3,980	76,180 7,212 2,684 3,854	82,355 8,708 3,526 4,347	77,449	79,951 9,183 3,777 4,553	83,101 8,952 3,481 4,519	84,456 9,963 4,173 4,714	90,905 10,113 3,925 5,109	88,234 10,407 4,342	*89,978 *11,006 *4,727 *5,240	90,934 10,979 4,844	***************************************
Fabricated metal products	1122,412 1200,491 1144,712 1203,724 164,123	1147,073	8,788 13,401 12,099 14,444 3,841	8,376 13,409 11,945 14,804 5,436	8,109 12,773 12,292 15,150 5,483	7,761 11,967 12,934 21,399 6,598	9,229 12,708 12,213 23,105 9,616	9,024 12,252 12,398 17,708 5,206	9,715 14,330 12,526 17,953 5,946	9,313 14,806 13,181 19,973 7,162	10,036 14,956 13,849 18,377 4,349	15,467 13,432 23,442	20,495	21,660		
Nondurable goods industries, total	11,010,386 1204,094 1806,292	1987,211 1202,437 1784,774	84,224 17,141 67,083	81,627 16,691 64,936	81,537 17,243 64,294	81,202 17,374 63,828	80,516 17,504 65,171	80,308 17,196 63,112	82,636 18,082 64,554	82,924 17,886 65,038	85,418 18,225 67,193	18,730	18,647	*88,324 *19,363 *68,961	90,066 19,151 70,915	
By market category: † Home goods and apparel	135,936 1355,532 1306,317 1137,719 1148,570 1931,015	1130,192 1367,750 1288,228 1129,645 1131,667 1840,966	10,837 31,478 21,771 11,400 11,250 69,836	10,790 30,368 22,860 9,636 10,937 67,771	10,718 30,595 22,876 9,717 10,534 68,164	10,507 30,829 27,075 10,632 10,186 68,153	11,375 30,789 26,130 12,691 12,371 69,515	11,557 31,487 21,598 13,331 11,798 67,986	11,101 32,036 22,261 12,806 12,815 71,568	11,702 31,133 26,718 13,164 12,197 71,111	12,210 32,439 23,634 14,059 12,755 74,777	27,995 15,010 13,616	31,639 24,998 15,001 13,029	"32,448 "24,251 "17,179 "13,569	32,835 27,096 15,035 13,941	
Supplementary series: Household durables	<sup>1</sup> 61,174 <sup>1</sup> 347,744 <sup>1</sup> 288,704 <sup>1</sup> 59,040	1248,240	1 20,217	4,778 25,748 20,127 5,621	4,699 25,646 19,983 5,663	4,512 30,886 19,679 11,207	5,038 30,075 20,507 9,568	19,175	20,032		5,701 27,010 22,228 4,782	24,289	28,481 21,580	r27,573 r23,028	30,024 25,205	

	T						Ī								=====	
Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown	1981	1982		199	82 	1			r		19	1	<del></del>	ı	· · · · · ·	
in the 1979 edition of BUSINESS STATISTICS	Anr	ual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
	GEI	NERA	L BU	SINE	ss In	NDIC.	ATOF	RSC	ontir	nued						
MANUFACTURERS' SALES, INVENTORIES, AND ORDERS †—Continued																
Unfilled orders, end of year or month (unadjusted), total †	321,402 311,635 9,767	299,731 290,757 8,974	298,080 289,196 8,884	297,647 288,861 8,786	294,619 285,883 8,736	290.757	307,683 298,447 9,236	308,490 299,227 9,263	311,178 301,397 9,781	313,705 303,720 9,985	313,139 303,057 10,082	304,334	305,658	r316,747 r306,099 r10,648	307,274	
Unfilled orders, end of year or month (seasonally adjusted) total †	323,346 313,337 26,304	300,971 291,764 20,160	301,678 292,760 21,656	·	298,132 289,079 20,864		305,599 296,374 20,627	305,268 296,049 22,308	306,053 296,407 22,567	309,015 299,270 22,561			318,348 307,963	r320,664 r310,024 r24,788	322,776 311,753 25,648	
Blast furnaces, steel mills	15,779 7,403 28,784	11,891 6,130 21,531	12,796 6,569 24,127	12,492 6,242 23,599	12,370 6,339 22,626	11.891	12,168 6,296 21,403	13,204 6,944 21,052	13,388 6,982 21,255	13,281 7,067 21,003	13,672 7,079 21,012	13,660 7,394		'14,650 '7,812 '20,982	15,400 7,778 20,824	
Machinery, except electrical do Electrical machinery do Transportation equipment do Aircraft, missiles, and parts do	73,517 54,037 115,556 88,640	55,697 60,600 120,898 92,669	59,306 57,787 116,140 91,936	58,874 58,303 115,779 91,801	57,524 59,223 115,619 91,806	55,697 60,600 120,898 92,669	54,703 60,828 126,003 96,483	53,859 61,246 124,576 95,883	53,999 61,408	54,690 61,967 125,463 97,112	55,213 63,078 124,783 95,954	55,455 63,317	54,888 65,076	*55,168 *66,192 *128,020 *97,203	56,633 66,824 126,705 97,044	
Nondur. goods ind. with unfilled orders ‡ do By market category: †	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	r10,640	11,023	
Home goods, apparel, consumer staples do  Equip. and defense prod., incl. auto do  Construction materials and supplies do  Other materials and supplies do  Supplementary series:	5,251 192,213 17,125 108,757	4,272 188,308 12,769 95,622	4,169 186,110 14,594 96,805	4,078 185,586 14,323 95,859	4,123 184,851 13,631 95,527	4,272 188,308 12,769 95,622	4,350 191,201 12,707 97,341	4,473 189,596 12,478 98,721	4,348 187,963 13,003 100,739	4,334 190,969 12,889 100,823	4,790 191,212 12,627 102,293	4,783 194,009 12,691 104,005	12,523	*4,992 *194,659 *12,685 *108,328	4,959 195,566 12,620 109,631	
Household durables do Capital goods industries do Nondefense do Defense do	3,909 224,377 146,301 78,076	3,032 219,633 122,942 96,691	3,003 216,384 127,129 89,255	2,953 215,912 126,046 89,866	2,969 215,279 124,718 90,561	3,032 219,633 122,942 96,691	3,095 223,367 122,251 101,116	3,189 221,843 120,664 101,179	3,159 221,290 118,658 102,632	3,156 223,562 119,122 104,440	3,572 223,780 119,734 104,043	120,405	119,416	"3,809 "226,847 "119,880 "106,967	3,702 227,585 121,198 106,387	
BUSINESS INCORPORATIONS @  New incorporations (50 States and Dist. Col.):																
Unadjusted number Seasonally adjusted do	581,242	566,942	45,461 45,552	45,029 45,530	44,354 48,474	59,750 57,507	48,099 49,999	43,756 48,296	53,796 48,032	49,294 48,903						
INDUSTRIAL AND COMMERCIAL FAILURES @																
Failures, total	16,794 2,366 3,614 2,224 6,882															
Wholesale trade	1,708 6,955,180															
Commercial service do Construction do Manufacturing and mining do Retail trade do	851,780 2,370,415 1,558,528															
Wholesale trade	1,128,632 161.3															
	<del> </del>	L		OMM	ODI	ry Pi	RICE	S	<b>L</b>	L	L		L	L		
PRICES RECEIVED AND PAID BY FARMERS ♦			,													
Prices received, all farm products1910-14=100	633	609	620	586	587	579	585	604	611	622	624	611	598	634	r623	622
Crops #         do.           Commercial vegetables         do.           Cotton         do.           Feed grains and hay         do.           Food grains         do.           Fruit         do.           Tobacco         do.	580 677 566 446 456 481 1,363	524 630 467 378 401 649 1,489	538 499 469 347 383 1,085 1,552	491 521 505 328 388 718 1,530	505 625 506 346 393 667 1,521	494 575 484 362 398 543 1,521	492 526 473 375 404 499 1,530	509 624 476 401 405 479 1,521	523 705 506 415 412 443 1,517	549 749 504 447 425 456 1,517	558 701 521 465 425 467 1,526	545 694 516 460 397 449 1,521	539 576 545 464 380 396 1,521	600 593 560 490 410 598 1,465	*585 *622 *533 *490 *415 *394 1,570	593 728 546 492 403 422 1,521
Livestock and products #	688 842 848 264	696 831 876 252	706 832 895 252	685 844 851 251	671 850 823 246	669 850 828 232	682 844 857 231	705 844 893 244	703 832 895 242	698 826 891 236	691 813 874 252	679 807 848 257	659 807 806 262	669 813 813 278	7660 826 7781 294	652 838 767 283
Prices paid: Production items	855	864	865	859	860	859	869	875	880	887	890	890	883	888	7891	887
wage rates (parity index)1910-14=100  Parity ratio §	1,035 61	1,071 57	1,077 58	'1,074 55	1,075 55	1,073 54	1,083 54	1,088 56	1,091 56	1,096 57	1,100 57	1,102 55	1,100 54	1,104 57	*1,107 56	1,107 56
CONSUMER PRICES (U.S. Department of Labor Indexes)																
Not Seasonally Adjusted ALL ITEMS, WAGE EARNERS AND CLERICAL WORKERS, REVISED (CPI-W)	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	²293.1	293.2	293.4	295.5	297.1	298.1	299.3	300.3	301.8	302.6
Special group indexes: All items less shelter	258.5 270.6 270.9	273.3 288.4 286.8	276.9 292.9	277.9 294.0 291.5	278.1 293.6 290.8	278.2 292.1 289.5	278.5 <sup>2</sup> 292.6	278.5 292.6 290.0	278.7 292.4	280.8 294.7 292.3	282.4 296.5 293.9	283.4 297.8	284.5 299.3 296.0	285.4 300.5	286.8 302.3 298.5	287.5 303.2 299.3
See footnotes at end of tables.	_,_,_,			,												

Unless otherwise stated in footnotes below, data	1981	1982		19	32						19	83				
through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	Anı	l nual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
	<u> </u>	CC	)MM(	DIT	Y PR	ICES	Coı	ntinu	ed	·	L	<b>!</b>	L	L	L	
CONSUMER PRICES—Continued (U.S. Department of Labor Indexes)—Continued  Not Seasonally Adjusted																1
All items (CPI-U)—Continued   Commodities   1967 = 100   Nondurables   do   Nondurables   ses food   do   Durables   do   Commodities less food   do   Services   do   Services   do   Services less rent   do	253.6 266.3 257.5 227.1 241.2 305.7 324.3	263.8 273.6 261.6 241.1 250.9 333.3 354.2	266.6 276.2 264.6 244.1 253.9 339.7 361.3	267.5 276.5 265.7 246.0 255.4 340.3 361.6	267.8 276.4 266.1 246.6 256.0 338.6 359.3	267.7 275.8 264.7 247.3 255.8 335.6 355.5	1267.2 275.2 262.4 1247.3 1254.4 1337.9 (2)	266.7 274.6 260.5 247.1 253.2 338.9	266.7 274.4 258.9 247.4 252.4 339.4	269.2 277.3 263.0 248.7 255.4 341.2	270.9 279.3 266.3 249.5 257.6 342.6	251.2 258.9	272.5 280.3 268.4 252.9 260.2 345.6	273.4 281.0 269.6 254.3 261.4 346.8	274.5 281.8 270.6 256.4 262.9 349.0	275.0 281.7 270.2 258.7 263.6 350.2
Food #	274.6 269.9 293.5 314.7 208.2	285.7 279.2 314.7 337.0 224.0	287.6 280.6 319.7 342.6 226.9	287.0 279.4 320.7 342.8 228.9	286.4 278.3 319.0 340.7 230.2	286.5 277.8 316.3 335.9 230.8	288.1 279.3 1317.9 1338.3 232.2	289.0 280.3 318.5 339.2 233.1	290.5 281.9 318.6 339.3 233.6	291.9 283.4 320.3 341.7 234.5	292.4 283.8 321.8 342.7 235.1	292.0 283.0 323.1 343.6 235.9	292.0 282.8 324.5 345.3 237.1	292.2 282.5 324.8 346.6 238.2	292.6 282.5 326.4 348.5 239.5	292.9 282.3 326.8 349.8 240.4
Homeownership	352.7 319.2 675.9 345.9 221.3 186.9	376.8 350.8 667.9 393.8 233.2 191.8	383.0 359.5 662.8 409.2 234.2 194.9	382.8 363.4 677.2 413.4 235.4	379.5 362.2 691.3 407.6 235.1	372.9 364.1 688.5 410.6 235.7 193.6	(2) 365.4 671.1 413.5 1235.8 191.0	364.6 654.0 414.5 236.7 192.0	363.8 625.3 418.0 237.6 194.5	363.6 610.6 420.5 239.0 195.5	369.3 621.0 429.1 238.4 196.1	373.6 620.0 437.4 238.6 195.6	375.5 619.3 440.5 238.9	375.1 619.0 439.1 238.0 197.3	376.4 623.2 440.5 238.9	374.4 624.7 435.6 239.4 200.7
Transportation         do.           Private         do.           New cars         do.           Used cars         do.           Public         do.           Medical care         do.	280.0 277.5 190.2 256.9 312.0 294.5	291.5 287.5 197.6 296.4 346.0 328.7	295.3 291.1 197.7 304.6 353.3 336.0	295.5 291.1 197.7 306.7 356.3 338.7	295.8 291.4 199.0 310.5 356.0 342.2	294.8 290.4 200.1 312.6 355.6 344.3	293.0 288.4 201.0 311.0 357.7 347.8	289.9 285.2 201.3 309.1 355.2 351.3	287.4 282.7 201.2 309.3 354.5 352.3	292.3 287.5 201.1 312.7 361.1 353.5	296.2 291.7 201.6 317.1 359.2 354.3	322.7 361.2	300.4 296.0 201.4 329.6 363.2 357.7	302.4 298.0 202.1 336.8 365.0 360.0	303.7 299.2 202.7 343.9 366.6 361.2	305.0 300.4 204.3 350.4 368.2 362.9
Seasonally Adjusted @           All items, percent change from previous month           Commodities         1967 = 100.           Commodities less food         do.           Food         do.           Food at home         do.           Apparel and upkeep         do.           Transportation         do.			0.1 266.4 253.8 287.5 280.2 192.8 295.6	0.4 267.9 255.6 288.1 280.5 193.3 296.4	0.0 268.1 255.9 288.2 280.1 193.2 296.0	-0.3 268.4 256.3 288.1 279.4 192.7 295.8	10.2 1268.1 1255.6 288.3 279.5 193.2 293.9	-0.2 266.3 253.0 288.3 279.4 194.2 289.1	0.1 266.8 252.8 290.1 281.8 194.1 289.0	0.6 268.4 254.5 291.3 282.9 194.5 292.1	0.5 270.4 257.1 292.2 283.8 195.8	0.2 270.8 258.2 291.3 282.0 196.5	0.4 271.8 259.7 291.0 281.6 197.7	0.4 273.1 261.4 291.6 281.6 198.4 301.6	0.5 274.5 263.0 292.5 282.3 198.4 304.1	0.4 275.6 263.9 293.9 283.5 198.4 305.9
Private			291.6 199.6 339.1	292.3 199.2 339.9	291.8 198.7 339.3	291.7 199.3 336.7	289.4 199.4 <sup>1</sup> 338.3	284.4 201.1 339.3	284.4 202.6 339.8	287.2 201.3 341.7	291.3 200.6 342.8	292.6 200.8	294.0 200.8 345.1	297.0 202.5 346.5	299.6 204.5 348.0	301.5 205.9 349.4
All commodities	293.4 329.0 306.0 269.8 271.3 264.3	299.3 319.5 310.4 280.7 281.0 279.4	299.3 316.1 310.5 281.2 281.9 278.7	299.8 312.0 309.9 284.1 284.3 283.2	300.3 313.2 309.9 284.9 285.3 283.8	300.7 312.7 310.1 285.5 285.6 284.9	299.9 313.9 309.2 283.9 283.5 285.2	300.9 320.2 309.9 284.1 283.7 285.6	300.6 321.6 309.5 283.4 282.7 285.6	300.6 325.8 308.7 283.1 282.3 286.2	301.5 325.8 309.7 284.2 283.6 286.5		303.2 320.6 313.0 285.7 285.2 287.4	304.9 326.9 314.4 286.2 285.6 288.0	305.3 328.3 315.7 285.1 285.1 285.4	306.3 324.5 316.0 287.9 287.1 290.9
By durability of product:  Durable goods	269.8 312.4 286.0 269.6 303.6	279.0 315.3 292.7 279.8 306.4 248.9	278.6 315.7 292.9 279.6 307.1 247.4	281.2 314.3 293.8 282.3 306.0 243.8	281.2 315.3 293.9 282.4 306.1 243.9	282.0 315.3 294.3 283.2 305.9 244.8	282.6 313.3 293.5 283.7 303.8 245.8	284.8 313.4 293.9 285.7 302.5 250.4	284.6 313.0 293.2 285.3 301.4 250.6	285.3 312.4 292.7 286.0 299.7 254.7	286.0 313.5 293.7 286.7 301.0 254.7	*286.7 *314.5 *295.0 *287.3 *303.1 *252.5	287.3 315.5 296.1 287.9 304.7 251.6	287.8 318.2 297.1 288.3 306.4 255.7	286.7 319.9 297.3 287.1 308.1 259.2	289.2 319.5 298.8 289.7 308.3 257.9
Farm products do Foods and feeds, processed do Industrial commodities do Chemicals and allied products do Fuels and related prod., and power do Furniture and household durables do Hides, skins, and leather products do Lumber and wood products do	254.9 248.7 304.1 287.8 694.4 198.4 261.5 292.8	242.4 251.5 312.3 292.3 693.2 206.9 262.6 284.7	234.5 253.5 312.7 290.7 700.4 208.3 263.5 283.0	229.2 250.8 314.3 289.9 698.8 208.9 263.2 279.4	230.7 250.2 315.0 290.5 706.1 208.9 263.2 279.9	232.6 250.5 315.2 289.6 703.4 209.2 264.1 285.6	233.2 251.7 313.9 289.3 683.6 210.7 266.7 293.3	240.7 254.7 313.9 290.5 668.6 212.5 264.3 303.1	241.5 254.5 313.5 289.8 658.0 212.3 264.9 305.8	250.5 256.0 312.4 291.3 644.8 212.8 267.4 307.2	250.4 256.1 313.6 291.1 651.9 213.6 269.4 308.0	*290.8 *665.5 *214.0 *271.2 *314.8	244.3 254.6 316.6 291.3 671.6 214.4 272.7 314.5	253.5 255.8 317.5 294.9 674.3 214.5 275.5 313.9	317.2 294.8 675.7 214.9 275.3 306.0	255.2 258.3 318.7 296.4 672.7 215.1 274.7 306.1
Machinery and equipment         do           Metals and metal products         do           Nonmetallic mineral products         do           Pulp, paper, and allied products         do           Rubber and plastics products         do           Textile products and apparel         do           Transportation equipment #         Dec. 1968 = 100           Motor vehicles and equip         1967 = 100	263.1 300.4 309.5 273.7 232.8 199.6 235.4 237.5	278.8 301.6 320.2 288.7 241.4 204.6 249.7 251.3	280.2 301.8 321.2 289.4 242.5 204.3 244.5 244.6	281.1 301.6 321.1 289.8 242.2 204.1 256.0 257.8	281.8 300.5 321.2 289.8 241.7 203.9 256.3 257.8	282.4 299.9 320.5 290.5 242.2 202.6 257.5 258.1	283.3 300.3 321.5 293.6 242.9 202.7 256.3 257.0	284.3 304.7 322.3 294.2 242.3 202.6 255.8 256.3	284.7 304.4 322.0 294.8 241.8 203.4 255.2 255.4	285.4 304.6 324.1 295.4 243.0 203.5 255.6 255.9	286.0 306.1 324.1 296.0 243.2 204.3 255.8 256.2	*286.2 *306.3 *324.5 *297.0 *243.1 *204.7 *256.1 *256.5	286.9 307.4 325.4 297.7 244.4 205.1 256.4 256.7	287.1 308.5 326.2 298.0 244.6 205.7 257.0 256.9	287.5 310.9 327.2 299.1 244.5 205.8 250.3 248.9	287.8 310.7 327.9 300.4 245.1 206.4 261.2 261.1
			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			315.4 310.8 282.8 283.0 258.3 291.2 227.8 338.6 281.9	314.3 310.9 283.8 284.4 258.2 293.2 228.5 341.7 282.0	317.3 311.7 285.5 286.2 258.2 295.8 229.8 345.3 283.1	316.6 311.8 286.4 287.0 258.8 296.7 230.4 346.4 284.4	315.8 310.1 283.3 283.1 258.3 290.8 229.6 337.3 283.9	316.8 309.8 283.8 283.4 260.9 290.0 232.2 333.7 285.0	318.9 308.6 283.0 282.2 261.4 288.0 232.6 329.7 285.8	323.9 307.2 283.0 282.3 264.2 286.7 232.4 327.4 285.6	324.1 308.6 283.7 282.9 262.9 288.3 232.9 330.0 286.2	"323.6 "311.1 "285.1 "284.5 "261.4 "291.4 "234.0 "334.7 "287.0	319.7 312.2 285.3 284.6 259.6 292.5 233.8 336.8 287.7	326.5 314.0 286.4 285.5 260.7 293.2 234.7 337.4 289.6	328.0 316.1 286.9 286.4 262.4 293.7 233.8 338.9 288.8	327.2 317.0 287.8 287.3 265.3 293.6 232.8 339.6 289.6
PURCHASING POWER OF THE DOLLAR  As measured by: Producer prices	0.371 0.367	0.356 0.346	0.356 0.341	0.352 0.340	0.351 0.341	0.350 0.342	0.352 40.341	0.352 0.341	0.353 0.341	0.353 0.338	0.352 0.337	0.351 0.335	0.350 0.334	0.349 0.333	0.351 0.331	0.347 0.330

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown	1981	1982		196	32			1	1		19	83			Г	Г
in the 1979 edition of BUSINESS STATISTICS	Anr	ual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
		CON	STRU	JCTI	ON A	ND F	REAL	EST	ATE							
CONSTRUCTION PUT IN PLACE	000 410	000 0 40	24 524													
New construction (unadjusted), total mil. \$  Private, total #	239,418 186,069	232,049 180,979	21,501 16,018	21,368 16,399	21,368 16,668	19,674 16,020	17,116 13,820	13,358	18,259 15,058	19,597 16,071	21,461 17,382	23,578 18,966	r23,980 r19,183	°25,499 °19,933	25,370 20,114	
Residential do New housing units do	86,566 62,664	74,810 51,916	6,561 4,939	6,999 4,985	7,268 5,046	6,804 4,600	6,233 4,446	6,082 4,510	7,163 5,463	8,221 6,066	9,222 6,799	10,167 7,743	*10,624 *8,361	*10,992 *8,757	10,936 8,688	
Nonresidential buildings, except farm and public utilities, total # mil. \$ Industrial	60,818 17,030	65,134 17,343	5,726 1,455	5,851 1,571	5,758 1,440	5,334 1,344	4,823 1,112	4,553 1,039	4,793 1,117	4,733 1,074	4,797 1,068	5,184 1,131	5,158 1,066	'5,547 '1,244	5,571 1,147	
Commercial do  Public utilities: Telephone and telegraph dodo	34,248 7,074	37,284 7,110	3,337 649	3,303 599	3,295 596	3,019 539	2,818 436		2,751 561	2,770 501	2,812 547	3,108 581	3,135 517	r3,242 397	3,279	
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 Industrial do	1,722 1,655	1,658 1,632	153 167	152 136	162 139	154 127	144 156	133 126	151 151	136 137	137 154	133 152	'122 165	<sup>7</sup> 150 137	146 198	
Military facilities	1,964 13,599	2,205 13,521	245 1,692	184 1,646	217 1,318	191 727	180 573	194 489	198 558	212 770	199 1,115	161 1,415	211 1,547	202 r2,023	217 1,797	
New construction (seasonally adjusted at annual rates), totalbil. \$	<i></i>		230.7	234.1	243.7	240.2	247.9	243.0	241.9	247.4	254.8	264.3	*269.6	<sup>7</sup> 274.8	272.7	·····
Private, total # do	, ,		178.2	181.9	190.5	190.8	195.0		194.9	199.5	206.0	214.7	r218.5	<sup>7</sup> 221.4	222.2	
Residential do  New housing units do			71.7 53.0	76.4 53.6	81.2 55.8	86.0 58.6	89.7 63.4	93.6 68.8	96.1 72.3	102.0 77.3	107.5 82.2	113.5 87.9	'118.2 '92.7	120.2 94.8	118.4 92.7	
Nonresidential buildings, except farm and public utilities, total #bil. \$ Industrial do			65.2 16.5	65.0 17.1	66.1 16.7	64.3 15.6	65.3 15.2	62.7 14.3	61.3 14.3	57.6 13.2	57.6 13.0	60.0 13.1	59.3 12.2	'62.5 '14.2	63.6 13.1	
Commercial do Public utilities:	***************************************		38.0	37.0	37.9	36.9	38.2	36.7	35.5	33.6	33.3	35.9	35.9	r36.3	37.4	
Telephone and telegraph	1		7.2 52.5	6.6 52.2	6.8 53.2	6.4 49.4	6.8 52.9	6.6 48.7	6.3 47.0	6.3 47.9	6.6 48.7	6.5 49.6	6.3 51.1	4.3 r53.4	50.6	
Buildings (excluding military) # do Housing and redevelopment do			17.2 1.8	17.3 1.8	17.7 1.9	16.8 1.8	18.1 1.8	17.9 1.8	17.2 1.9	16.8 1.6	17.3 1.6	17.4 1.6	17.7 1.4	18.3 1.8	17.0 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			2.6 14.0	2.4 14.4	2.6 14.4	2.4 13.0	2.3 14.0	2.4 12,5	2.5 11.9	2.8 12.9	2.3 13.0	1.9 12.9	2.3 14.1	2.2 15.9	2.3 15.3	
CONSTRUCTION CONTRACTS																
Construction contracts in 50 States (F.W. Dodge Division, McGraw-Hill):  Valuation, total	153,480	154,619	13,850	r12,359	12,909	13,977	11,376	11,310	16,171	16,336	18,934	20,339	17,028	18,597	17,388	16,227
Index (mo. data seas. adj.)	1110 38,956	1111 41,347	3,780	105 3,171	122 3,137	131 2,835	127 2,958	2,538	131 3,917	129 3,735	148 4,479	151 5,070	137 4,162	146 4,621	143 4,369	139 3,806
Private ownership do By type of building: Nonresidential do	114,524 60,088	113,273 59,208	10,070 4,889	r9,188 r4,956	9,772 4,520	11,142 3,975	8,418 4,459	8,772 4,214	12,254 5,438	12,602	14,455	15,270 6,334	12,866 5,312	13,976 6,006	13,019	12,421 5,795
Residential do Non-building construction do	60,164 33,228	58,076 37,336	5,560 3,402	15,548 11,855	5,628 2,761	5,184 4,818	4,970 1,947	4,775 2,321	7,762 2,971	7,667 4,120	5,246 8,235 5,453	10,158 3,847	8,471 3,246	9,257 3,334	5,437 8,644 3,308	8,221 2,210
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	12,744
HOUSING STARTS AND PERMITS										]	}			1		
New housing units started: Unadjusted:		4.0=0.0									}					
Total (private and public)thous  Privately owned	1,100.3 1,084.2 705.4	1,072.0 1,062.2 662.6	108.4 106.4 63.3	111.5 110.5 66.3	109.9 108.9 66.0	83.4 82.9 51.8	92.9 91.3 56.3	96.7 96.3 60.4	135.8 134.6 86.2	136.4 135.8 93.2	175.5 174.9 114.9	173.8 173.2 114.2	162.0 161.6 100.4	r177.7 r176.8 r109.9	157.1 155.2 197.8	155.2 88.2
Seasonally adjusted at annual rates: Total privately owned			1,134 683	1,142 716	1,361 868	1,280 842	1,694 1,126	1,784 1,103	1,605 1,008	1,506 1,001	1,807 1,183	1,736 1,127	1,804 1,032	r1,904 r1,135	'1,672 '1,039	1,608 964
New private housing units authorized by building permits (16,000 permit-issuing places):				.13	000	042	4,120	4,100	1,000	1,001	1,100	1,141	1,002	1,100	1,003	30-1
permits (16,000 permit issuing piaces):  Monthly data are seas. adj. at annual rates:  Totalthousthous	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	71,506	1,565
One-family structures do	564	546	576	657	738	753	866	835	859	841	940	1,013	920	874	1,500	865
Manufacturers' shipments of mobile homes Unadjustedthous Seasonally adjusted at annual ratesdo	240.9	238.9	21.2 222	20.4 224	18.8 251	15.9 243	18.1 284	19.7 283	25.4 276	25.1 291	26.8 298	29.5 308	23.3 299	30.1 305	28.0 302	
CONSTRUCTION COST INDEXES																
Dept. of Commerce composite 1977=100 American Appraisal Co., The:	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	
Average, 30 cities	2,643 2,841															
New York	2,645 2,873															
St. Louis	2,453						•				************					
Average, 20 cities: Apartments, hotels, office buildings 1977=100 Commercial and factory buildings	137.4 140.1 136.0	150.0 151.9 147.5	153.6 155.2 151.2		154.9 156.0 152.5		155.7 159.2 153.1		155.8 159.7 153.5		157.7 161.7 155.4		162.0 164.4 157.8			
Engineering News-Record: Building	310.3 328.9	330.6 356.1	335.0 363.3	334.8 363.2	335.6 364.8	340.0 367.7	342.0 368.7	347.5 372.5	348.1 372.9	347.4 372.5	347.9 372.6	353.5 379.2	357.3 382.7	359.4 384.7	359.7 385.6	<sup>2</sup> 357.6 <sup>2</sup> 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.			227.0			115.1			2.0.1			1.5.1	*	*	110.0	

	TOTAL OF CONTINUED TOTAL STATE OF THE STATE															
Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown		1982		199	32						19	83			,	
in the 1979 edition of BUSINESS STATISTICS		nual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
	CON	STRU	CTIO	N AN	ID RI	EAL :	ESTA	TE-	Conti	inued						
REAL ESTATE 💠																
Mortgage applications for new home construction: FHA net applicationsthous. units. Seasonally adjusted annual ratesdo	92.3	99.8	9.8 180	11.8 106	7.9 143	11.3 168	12.2 178	12.0 167	17.1 180	16.5 187	15.1 156	18.8 210	15.9 198	19.3 207	13.3 154	11.9 146
Requests for VA appraisals	153.8	155.0	12.9 154	15.7 186	16.9 227	15.1 238	19.5 274	21.0 278	27.3 292	22.7 249	22.4 245	26.3 293	22.7 266	28.0 288	21.4 255	17.3 205
Home mortgages insured or guaranteed by: Fed. Hous. Adm.: Face amount mil. \$ Vet. Adm.: Face amount § do	10,278.14 7,905.93	8,087.07 5,428.27	772.41 743.54	724.61 385.69	771.21 454.78	1,083.56 563.89	914.79 630.80	1,100.29 961.02	2,026.13 1,243.48		1,637.70 1,910.77	3,944.14 1,541.01	2,464.19 1,223.94	2,174.87 2,193.18	3,933.79 2,091.70	
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. \$ By purpose of loan:	53,283	54,298	5,112	4,724	5,314	8,451	5,869	6,415	10,076		10,966	14,146	12,817	r13,949	13,147	l
Home construction	11,599 28,299 13,385	11,765 21,779 20,754	1,154 1,988 1,970	1,125 1,786 1,813	1,194 1,938 2,182	1,719 2,714 4,018	1,152 2,173 2,544	1,340 2,249 2,826	2,163 3,438 4,475	2,267 3,829 4,350	2,245 4,425 4,296	2,597 5,767 5,782	2,296 5,496 5,025	*2,473 *6,308 *5,168	2,398 5,621 5,128	
				DOM	ESTI	C TR	ADE									
ADVERTISING															_	
Magazine advertising (Publishers Information Bureau): Cost total	3,256.9	3,421.2	307.5	351.1	397.6	285.5	900.0	97EA	990.4	990.0	9747	905 5	940.0	gen n	947.6	
Cost, total mil. \$.  Apparel and accessories do  Automotive, incl. accessories do	143.4 291.7	154.4 330.0	23.2 17.9	17.2 36.8	16.7 46.2	11.9 26.9	229.2 8.8 19.3	275.9 10.3 32.0	320.6 20.4 35.8	330.9 17.3 36.2	374.7 15.7 45.6	295.5 9.0 34.6	249.3 8.9 24.5	250.0 20.0 22.6	347.6 32.6 19.6	
Building materials	59.3 320.4	52.3 329.3 261.3	6.9 30.4 22.3	5.1 30.3 26.9	4.1 28.5 34.3	2.7 24.7 20.8	3.4 20.1	2.6 27.1 23.7	3.7 31.6	5.0 36.2	7.0 39.5	2.5 30.8	3.4 27.3 23.2	2.9 28.6	8.0 37.1	
Reer wine liquors do	234.4	258.1	19.5	24.3	32.6	34.8	14.2 10.2	13.6	23.9 19.6	19.6	24.9 20.5	21.6 21.5	14.6	18.2 13.0	22.7 17.3	
Houshold equip., supplies, furnishings do Industrial materials	167.9 67.7 29.7	146.7 50.9 26.5	17.1 3.9 2.1	16.0 3.7 3.2	17.5 4.4 2.5	10.8 2.4 1.1	8.0 2.3 1.3	8.0 2.3 2.0	12.2 3.1 1.9	17.2 3.3 2.6	19.6 4.4 2.6	11.5 2.9 1.5	10.6 2.5 1.1	7.2 2.7 2.1	18.2 4.5 2.1	
Smoking materials	316.6 1,368.9	358.0 1,450.6	32.0 132.1	34.2 153.1	2.5 38.7 172.0	32.7 116.7	31.4 110.1	31.4 122.9	34.9 133.5	36.0	38.2 156.3	36.4 121.6	35.3 98.0	29.9 103.0	28.0 157.4	
Newspaper advertising expenditures (Media Records Inc.):																
Total mil. \$. Automotive do Classified do	9,575.4 225.6 2,514.9	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,														
Financial dododo	387.2 1,380.0				***************************************						***************************************					
Retail do do wholesale trade ‡	5,067.8		***************************************	•••••		***************************************		***************************************								
Merchant wholesalers sales (unadj.), total mil. \$  Durable goods establishmentsdo  Nondurable goods establishments	1,208,070 509,743 698,327	1,144,352 457,713 686,639	93,626 38,473 55,153	93,067 38,473 54,594	94,181 38,279 55,902	94,279 37,643 56,636	87,420 35,061 52,359	84,974 34,133 50,841	100,953 40,763 60,190	91,153 37,531 53,622	98,523 39,875 58,648	103,062 43,773 59,289	94,640 39,836 54,804	'102,865 '43,735 '59,130	102,549 43,323 59,226	
Merchant wholesalers inventories, book value, end of year or month (unadj.), total mil. \$	117,566	119,302		120,222	119,620	119,302	118,010	117,803	118,208		115,127	114,492	114,378	<sup>1</sup> 114,786	116,423	
Durable goods establishments do Nondurable goods establishments do	75,601 41,965	77,415 41,887	79,731 38,693	79,439 40,783	77,964 41,656	77,415 41,887	76,097 41,913	75,738 42,065	75,935 42,273	75,790	74,963 40,164	75,117 39,375	75,090 39,288	75,100 39,686	75,905 40,518	
RETAIL TRADE All retail stores: †											ļ					
Estimated sales (unadj.), total † mil. \$  Durable goods stores #	1,047,573 316,020	1,075,679 320,868	88,159 26,776	91,416 26,824	94,196 28,423	113,189 31,142	81,342 23,808	78,884 24,159	93,760 30,832	93,970 30,350	97,840 32,656	100,611 34,999	99,563 32,861	*100,228 *33,039	°97,873	¹100,006 ¹32,824
Building materials, hardware, garden supply, and mobile home dealers mil. \$ Automotive dealers do Furniture, home furn., and equip do	51,968 173,922 47,462	48,975 182,390 46,513	4,395 15,261 3,765	4,404 15,218 3,859	4,039 16,233 4,193	3,864 14,960 5,318	3,261 13,776 3,639	3,159 14,536 3,440	4,088 19,246 4,035	4,567 18,405 3,937	5,416 19,585 3,976	5,685 21,238 4,187	5,290 19,589 4,319	'5,356 '19,192 '4,579	75,096 718,545 74,394	15,101 119,043 14,515
Nondurable goods stores do  General merch. group stores do	731,553 127,948	754,811 131,282	61,383 10,066	64,592 11,036	65,773 13,197	82,047 21,238	57,534 7,896	54,725 7,747	62,928 10,248	63,620 10,490	65,184 11,190	65,612 11,156	66,702 10,562	r67,189 r11,410	r65,830 r11,090	167,182 111,904
Food stores do do do	241,102 108,231	252,802 104,633	20,957 8,706	21,572 8,869	20,680 8,585	23,608 8,706	20,354 8,072	19,323 7,353	21,497 8,077	21,739 8,324	21,860 8,872	22,234 9,119	23,443 9,479	r22,294 r9,467	r22,179 r8,933	121,963 18,862
Apparel and accessory stores do  Eating and drinking places do  Drug and proprietary stores do  Liquor stores do	50,270 98,585 33,593 18,631	51,991 107,357 35,849 19,031	4,151 9,145 2,859 1,505	4,395 9,548 2,953 1,553	4,762 8,878 3,021 1,559	7,232 9,382 4,171 2,197	3,496 8,673 2,975 1,386	3,203 8,413 2,930 1,329	4,185 9,635 3,208 1,452	4,327 9,942 3,114 1,495	4,325 10,210 3,168 1,519	4,238 10,368 3,185 1,571	4,094 10,846 3,147 1,663	*4,627 *10,755 *3,222 *1,618	'4,407 '10,347 '3,140 1,586	13,178
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	<b>197,801</b>	r99,111	1100,175
Durable goods stores #		l	26,619 4,004	27,154 4,024	28,721 4,057	28,723 4,143	28,307 4,366	27,490 4,222	29,160 4,400	30,668 4,542	32,124 4,882	32,663 4,951	32,539 4,904	r30,893 r4,784	'31,972 '4,679	'
Building materials and supply stores do Hardware stores			2,809 663	2,848 682	2,864 682	3,018 674	3,214 710	3,101 702	3,232 685	3,330 680	3,482 741	3,537 740	4,904 3,556 745	73,464 721	3,383 718	
Automotive dealers do Motor vehicle and miscellaneous			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	}
auto dealers do  Auto and home supply stores do			13,424 1,776	13,927 1,786	15,298 1,806	14,965 1,762	14,227 1,752	13,664 1,832	14,986 1,816	16,371 1,786	17,188 1,908	17,571 1,938	17,332 1,982	°15,595 °1,968	'16,586 1,962	
Furniture, home furn., and equip. # do Furniture, home furnishings stores do Household appliance, radio, TV do			3,807 2,180 1,109	3,834 2,242 1,118	3,868 2,258 1,175	4,100 2,326 1,317	4,100 2,384 1,414	3,973 2,296 1,375	4,106 2,425 1,370	4,196 2,423 1,434	4,240 2,449 1,462	4,227 2,449 1,445	4,374 2,516 1,523	r4,419 r2,593 r1,487	r4,440 2,631 1,474	14,542
See footnotes at end of tables.														•		

November 1300	1000					1					<del></del>	00		<u> </u>		
Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	1981	1982		196	52	-					19		· I	1		
in the 1000 cuiton of positive statistics	Ann		Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
DIMENT EDADE (C. 1)	-	12	OME	STIC	TRA	DE-	-Cont	inuec	1		i	1	· · · · I	·		
RETAIL TRADE—Continued  All retail stores †—Continued							l					[				
Estimated sales (seas. adj.)—Continued  Nondurable goods stores			63,278 10,847 8,821 724	63,751 10,858 8,865 726	63,771 11,043 8,928 729	63,736 11,410 9,265 744	64,001 11,313 9,309 747	63,674 11,131 9,056 758	64,103 11,272 9,256 753	64,781 11,240 9,208 739	66,307 11,651 9,535 761	66,510 11,884 9,776 752	66,982 11,705 9,586 783	r66,908 r11,729 r9,619 r766	r67,139 r11,818 r9,668 762	167,284 111,878 19,745
Food stores			21,253 19,870 8,750	21,370 20,003 8,747	21,333 19,964 8,733	21,423 20,139 8,628	21,115 19,868 8,596	21,347 20,073 8,216	21,501 20,208 8,183	21,572 20,298 8,391	22,042 20,707 8,793	22,030 20,719 8,735	22,357 21,007 8,875	r22,211 r20,833 r8,991	r22,198 r20,802 r8,880	<sup>1</sup> 22,262 <sup>1</sup> 20,885 <sup>1</sup> 8,827
Apparel and accessory stores #			4,267 677 1,555 827	4,279 671 1,592 805	4,354 680 1,626 818	4,341 682 1,638 813	4,263 682 1,656 822	4,332 664 1,651 878	4,322 654 1,678 838	4,519 698 1,688 868	4,690 729 1,777 888	4,642 692 1,735 893	4,551 695 1,706 871	'4,491 '657 '1,677 '865	74,502 662 1,701 896	14,564
Eating and drinking places			9,090 3,041 1,578	9,324 3,041 1,577	9,345 3,067 1,565	9,345 3,016 1,548	9,626 3,148 1,542	9,715 3,209 1,545	9,762 3,263 1,563	9,776 3,197 1,572	9,874 3,210 1,574	9,856 3,250 1,577	10,071 3,282 1,593	'10,023 '3,294 '1,612	'10,224 '3,309 1,659	¹10,246 ¹3,304
Estimated inventories, end of year or month: † Book value (unadjusted), total	123,591 58,441 9,737 26,638	124,858 58,902 10,224 26,691	130,731 59,866 10,023 26,756	135,378 60,937 10,142 27,083	136,105 60,812 10,259 26,638	124,858 58,902 10,224 26,691	123,345 59,235 10,360 26,596	126,364 60,905 10,789 27,585	128,843 61,071 11,198 27,488	61,058 11,207 27,599	130,917 62,345 11,266 28,204	131,663 62,801 11,275 28,322	*131,000 *61,385 *11,090 *27,014	133,336 61,206 11,373 26,082		
Furniture, home furn., and equip   do	9,722 65,150 21,808 16,315 14,300 10,561	9,878 65,956 22,191 16,462 15,311 10,477	10,111 70,865 25,950 19,071 14,326 11,970	10,337 74,441 27,992 20,760 14,982 12,251	10,324 75,293 28,198 21,130 15,431 12,167	9,878 65,956 22,191 16,462 15,311 10,477	9,984 64,110 21,555 15,826 14,769 10,001	10,101 65,459 22,780 16,837 14,750 10,234	10,325 67,772 24,334 18,028 14,900 10,667	10,266 68,277 25,003 18,615 14,854 10,698	10,383 68,572 25,249 18,795 14,920 10,434	10,539 68,862 25,151 18,664 15,024 10,519	*69,615 *25,638 *18,909 *14,923	10,753 72,130 26,641 19,692 15,000 11,575		
Book value (seas. adj.), total	126,833 59,095 10,164 26,296	128,250 59,597 10,672 26,375	129,788 61,668 10,134 28,925	128,849 60,581 10,234 27,892	127,619 59,417 10,373 26,665	128,250 59,597 10,672 26,375	127,869 59,735 10,736 26,023	130,392 61,517 10,821 27,585	129,327 60,412 10,893 26,739	129,901 60,640 10,838 27,326	131,654 61,401 10,938 27,276	132,501 61,019 11,065 27,417	*131,905 *61,284 11,101 *26,588	134,688 62,726 11,407 27,600		
Furniture, home furn., and equip	9,870 67,738 24,020 17,889 14,158 10,967	10,028 68,653 24,484 18,090 15,174 10,891	9,962 68,120 24,206 17,924 14,442 11,218	9,920 68,268 24,357 18,068 14,546 11,047	9,956 68,202 24,386 18,075 14,767 10,912	10,028 68,653 24,484 18,090 15,174 10,891	10,314 68,134 24,129 17,663 14,994 10,918	10,349 68,875 24,983 18,523 14,960 10,876	10,461 68,915 25,080 18,566 14,826 10,885	25,389 18,803 14,854	10,414 70,253 25,882 19,159 15,086 10,779	10,507 70,482 25,761 19,162 15,130 10,957	"25,964 "19,315 "15,166	10,721 71,962 26,315 19,614 15,322 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	26,870 3,959	28,212 4,059	2,320 345	2,347 359	2,575 362	3,792 361	1,933 289	1,868 272	2,382 345	2,475 361	2,723 371	2,814 393	r2,734 394	2,791 406		
Nondurable goods stores #	345,126 115,314 127,567 125,745 18,706 20,341 17,855	360,772 119,163 135,387 133,475 20,143 22,138 19,095	28,992 9,115 11,201 11,057 1,611 1,856 1,507	30,720 9,991 11,521 11,381 1,729 1,977 1,551	32,699 12,020 11,135 10,987 1,934 1,860 1,625	44,123 19,437 13,050 12,786 3,055 1,924 2,442	26,213 7,122 11,038 10,905 1,228 1,803 1,575	25,158 6,991 10,454 10,308 1,186 1,736 1,542	9,311 11,693 11,529 1,717 2,030	11,711 11,563 1,710 2,033	30,964 10,196 11,597 11,449 1,704 2,071 1,751	30,959 10,157 11,697 11,549 1,689 2,025 1,751	"9,551 "12,369 "12,220 "1,624	31,655 10,399 11,745 11,598 1,923 2,139 1,753		
Estimated sales (sea. adj.), total #			32,606 343 8,498 590 11,237	32,560 344 8,522 588 11,224	32,817 346 8,547 588 11,257	33,540 339 8,937 600 11,416	33,312 348 8,967 598 11,185	8,697 606	355 8,920 596	344 8,800 593	610	34,746 361 9,417 600 11,607	9,204 1610	34,675 383 9,232 607 11,739		1
Apparel and accessory stores			1,656 683 354 1,627	1,678 706 356 1,638	1,725 723 368 1,651	1,728 736 371 1,616	1,726 748 370 1,694	758	772	390	1,833 767 398 1,769	1,866 793 406 1,801	*775 *400	1,793 753 388 1,820		
	LAB	OR FO	RCE	, EM	PLOY	MEN	IT, A	ND E	ARN	INGS	,		1	·	<del>1</del>	1
POPULATION OF THE UNITED STATES Total, incl. armed forces overseas ‡mil LABOR FORCE	3229.85	\$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
Not Seasonally Adjusted  Labor force, total, persons 16 years of age and over	110,812 2,142 108,670 100,397 8,273	2,179	2,198	2,188 110,767 99,825	2,180 110,855 99,379	110,477 98,849	2,189 109,779 97,262	2,188 109,647 97,265	2,194 109,873 97,994	2,202 109,875 98,840	2,198 110,308 99,543	113,383 101,813	2,192 113,980 103,273	113,578 103,167	2,209 112,197	2,211 112,042 102,659
Seasonally Adjusted  Civilian labor force, total do Participation rate percent. Employed, total thous Employment-population ratio percent. Agriculture thous. Nonagriculture do	63.9	64.0 57.1 3,401 96,125	110,858 64.2 99,543 56.9 3,363 96,180	99,176 56.6 3,413 95,763	99,136 57.3 3,466 95,670	99,093 57.2 3,411 95,682	63.8 99,103 57.2 3,412 95,691	63.7 99,063 57.1 3,393 95,670	63.6 99,103 57.1 3,375 95,729	63.7 99,458 57.2 3,371 96,088	63.7 99,557 57.2 3,367 96,190	3,522 97,264	64.2 101,285 58.1 3,527 97,758	64.4 101,563 58.2 3,489 98,074	64.4 101,945 58.4 3,290 98,655	64.0 101,928 58.3 3,202 98,726
Unemployed, totaldo Long term, 15 weeks and overdo See footnotes at end of tables.	2,285	3,485	11,315 3,856													

Unless otherwise stated in footnotes below, data	1981	1982		196	32						19	83				
through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	Anr	nual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
LABO	OR FO	PRCE,	EMP	LOY	MEN'	Γ, AN	D EA	RNI	NGS-	-Con	tinue	d				
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): §							10.4	10.4	10.0	10.0		10.0				
All civilian workers  Men, 20 years and over  Women, 20 years and over  Both sexes, 16-19 years  White  Black and other  Married men, spouse present	7.6 6.3 6.8 19.6 6.7 14.2 4.3	9.7 8.8 8.3 23.2 8.6 17.3 6.5	10.2 9.6 8.4 23.8 9.1 18.1 7.2	10.5 9.8 8.7 24.1 9.3 18.4 7.5	10.7 10.0 9.0 24.2 9.6 18.5 7.6	10.8 10.1 9.2 24.5 9.7 18.8 7.8	10.4 9.6 9.0 22.7 9.1 19.0 7.1	10.4 9.9 8.9 22.2 9.2 18.0 7.2	10.3 9.6 8.8 23.5 9.0 18.5 7.1	10.2 9.8 8.4 23.4 8.9 18.8 7.1	10.1 9.6 8.5 23.0 8.9 18.6 7.0	8.6 18.9 6.6	9.5 8.8 7.9 22.8 8.2 17.9 6.1	9.5 8.8 8.0 23.0 8.2 18.1 6.3	9.3 8.7 7.8 21.8 8.1 17.2 6.1	8.8 8.2 7.4 21.6 7.7 16.6 5.8
Married women, spouse present	4.0	7.4 11.7	7.6 12.4 4.9	7.9 11.3	8.2 12.5	8.2 13.2	7.8 13.2	7.6 13.0	7.5 13.5	7.3 13.2	7.5 12.9		7.0 11.6	6.9	12.2	6.3
Blue-collar workers Industry of last job (nonagricultural): Private wage and salary workers Construction Manufacturing Durable goods  EMPLOYMENT †	10.3 7.7 15.6 8.3 8.2	14.3 10.1 20.0 12.3 13.3	15.5 10.7 22.0 13.6 14.9	15.8 11.0 22.3 14.1 16.0	16.2 11.4 21.8 14.8 17.0	16.3 11.6 22.0 14.8 17.1	10.8 20.0 13.0 14.7	10.8 19.7 13.3 14.7	10.8 20.3 12.8 14.1	10.5 20.3 12.4 13.5	10.5 20.4 12.3 13.5		9.6 18.0 10.5 11.2	9.8 18.1 11.2 11.6		9.5
Employees on payrolls of nonagricultural estab.: Total, not adjusted for seasonal variationthous. Private sector (excl. government)	91,156 75,125	89,596 73,793	89,562 74,161	89,541 73,678	89,466 73,463	89,321 73,353	87,660 71,905	87,613 71,625	88,172 72,121	89,005 72,984	89,830 73,774	90,654 74,795	89,946 74,933	89,599 *74,745	'91,116 '75,747	P91,716 P75,953
Seasonally Adjusted †   Total employees, nonagricultural payrolls	91,156 75,125 54,955 25,497 1,139 4,188	89,596 73,793 54,940 23,907 1,143 3,911	89,235 73,451 54,896 23,530 1,100 3,875	88,938 73,158 54,800 23,287 1,082 3,847	88,785 73,013 54,791 23,131 1,066 3,843	88,665 72,907 54,714 23,061 1,053 3,815	88,885 73,132 54,888 23,186 1,037 3,905	88,746 73,004 54,759 23,049 1,014 3,790	88,814 73,090 54,823 23,030 1,006 3,757	89,090 73,377 55,001 23,159 997 3,786	89,421 73,677 55,184 23,347 994 3,860	89,844 74,123 55,541 23,518 1,003 3,933	90,152 71,419 55,739 23,724 1,017 3,974	89,735 '74,074 '55,281 '23,830 '1,023 '4,014	r90,753 r75,000 r56,124 r23,943 r1,027 r4,040	P56,355 P24,167 P1,038
Manufacturing	20,170 12,109 666 464 638 1,122 1,590 2,498 2,094 1,898 730 408	18,853 11,100 603 433 578 922 1,435 2,267 2,016 1,744 716	18,555 10,862 603 428 570 869 1,402 2,184 1,992 1,724 710 380	18,358 10,685 605 426 565 840 1,378 2,122 1,976 1,691 705	18,222 10,577 608 427 559 823 1,362 2,088 1,975 1,661 700 374	18,193 10,559 614 429 554 816 1,359 2,066 1,957 1,696 695 373	18,244 10,594 625 430 557 817 1,364 2,048 1,974 1,710 695 374	18,245 10,608 631 427 557 810 1,364 2,042 1,981 1,729 693 374	18,267 10,617 638 433 559 816 1,362 2,030 1,988 1,723 691 377	18,376 10,689 651 440 565 820 1,369 2,031 1,999 1,743 690 381	18,493 10,788 662 446 570 828 1,379 2,064 2,010 1,757 689 383	18,582 10,844 679 450 573 830 1,384 2,066 2,030 1,762 687 383	18,733 10,961 688 459 577 839 1,391 2,094 2,047 1,794 687 385	*18,793 *11,022 *699 *457 582 *840 *1,410 *2,109 *2,043 *1,807 *692 383		P19,040 P11,227 P712 P464 P589 P861 P1,430 P2,135 P2,110 P1,839 P1,839 P366
Nondurable goods do. Food and kindred products do. Tobacco manufactures do. Textile mill products do. Apparel and other textile products do. Paper and allied products do. Printing and publishing do. Chemicals and allied products do. Petroleum and coal products do. Rubber and plastics products, nec do. Leather and leather products do.	8,061 1,671 70 823 1,244 689 1,266 1,109 214 737 238	7,753 1,638 68 750 1,164 662 1,269 1,079 201 701 221	7,693 1,633 66 734 1,149 659 1,266 1,070 202 696 218	7,673 1,636 66 733 1,148 653 1,265 1,066 201 689 216	7,645 1,632 63 727 1,141 654 1,263 1,064 200 685 216	7,634 1,626 69 727 1,140 653 1,059 199 685 213	7,650 1,626 69 726 1,150 653 1,266 1,057 200 688 215	7,637 1,620 67 726 1,148 652 1,264 1,056 199 691 214	7,650 1,619 67 730 1,143 652 1,269 1,056 199 699 216	7,687 1,633 66 733 1,149 654 1,274 1,058 199 707 214	7,705 1,632 66 736 1,153 656 1,276 1,058 198 716 214	7,738 1,643 65 745 1,159 657 1,281 1,056 198 721 213	7,772 1,638 65 746 1,180 658 1,284 1,059 197 732 213	"7,771 "1,627 62 "752 1,175 "659 "1,289 "1,056 195 "739	77,792 11,633 1633 1752 11,178 1661 11,290 1,061 195 1742 1217	P64 P758
Service-producing	65,659 5,165 20,547 5,358 15,189 5,298 18,619 16,031 2,772 13,259	65,689 5,081 20,401 5,280 15,122 5,340 19,064 15,803 2,739 13,064	65,705 5,054 20,380 5,252 15,128 5,351 19,136 15,784 2,735 13,049	65,651 5,033 20,344 5,237 15,107 5,350 19,144 15,780 2,742 13,038	65,654 5,019 20,320 5,212 15,108 5,356 19,187 15,772 2,746 13,026	65,604 5,008 20,256 5,192 15,064 5,367 19,215 15,758 2,747 13,011	65,699 4,979 20,355 5,185 15,170 5,374 19,238 15,753 2,748 13,005	65,697 4,966 20,343 5,181 15,162 5,384 19,262 15,742 2,742 13,000	65,784 4,963 20,350 5,176 15,174 5,391 19,356 15,724 2,742 12,982	65,931 4,988 20,329 5,180 15,149 5,423 19,478 15,713 2,738 12,975	66,074 4,993 20,356 5,197 15,159 5,435 19,546 15,744 2,756 12,988	66,326 4,992 20,494 5,222 15,272 5,451 19,668 15,721 2,742 12,979	5,465 19,770 15,680	"65,905" 4,341" 20,580" 15,249" 15,331 5,488 19,835" 15,661 2,733 112,928	"5,027 "20,613 "5,273 "15,340 "5,496 "19,921 "15,753 2,741	P5,034 P20,669 P5,284 P15,385 P5,501 P20,024 P15,678 P2,732
Production or nonsupervisory workers on private nonagric. payrolls, not seas, adjustedthous Manufacturing	60,927 14,020	59,566 12,790	59,919 12,790	59,495 12,505	59,292 12,319	59,209 12,201	57,776 12,115	57,529 12,157	57,989 12,241	58,800 12,369	59,551 12,523	60,472 12,720	60,576 12,646	r60,331 r12,873	'61,331 '13,133	P61,524 P13,182
Production nonsupervisory workers on private nonagricultural payrolls † thous. Goods-producing	60,927 18,245 841 3,261 14,020 8,294 553 374 491 1,171 1,581 1,220 430 302	59,566 16,589 831 3,004 12,790 7,350 494 343 41,034 1,368 1,217 1,085 410 279	59,247 16,307 792 2,973 12,542 7,150 493 338 432 640 1,008 1,297 1,193 1,072 404 273	58,988 16,095 776 2,951 12,368 6,992 495 336 427 615 988 1,243 1,180 1,039 398 271	58,850 15,961 763 2,946 12,252 6,900 337 422 601 975 1,218 1,010 394 268	58,764 15,908 750 2,917 12,241 6,892 506 338 418 596 973 1,199 1,161 1,044 390 267	58,939 16,019 736 2,992 12,291 5,931 515 339 421 598 981 1,186 1,182 1,055 387 267	58,801 15,900 715 2,882 12,303 6,949 522 337 421 595 983 1,179 1,187 1,073 385 267	58,889 15,881 707 2,851 12,323 6,961 529 342 423 601 982 1,171 1,193 1,066 384 270	59,150 16,016 701 2,880 12,435 7,035 540 349 429 608 987 1,175 1,204 1,385 384 274	59,462 16,183 699 2,953 12,531 7,115 550 354 434 615 996 1,201 1,213 1,093 384 275	59,871 16,349 710 3,024 12,615 7,169 566 666 616 1,003 1,204 1,226 1,103 382 276	60,182 16,538 721 3,061 12,756 7,278 365 440 625 1,009 1,227 1,134 382 279	*59,751 *16,626 *724 *3,099 *12,803 *7,329 *584 *446 *629 *1,023 *1,241 *1,238 *1,141 *277	*60,620 16,716 *727 *3,122 *12,867 *7,383 *588 *366 *448 6335 *1,027 *1,247 *1,247 *1,247 *1,247 *2,477 *2,	P16,942 P737 P3,169 P13,036 P7,520 P596 P370 P452 P647 P1,044 P1,267 P1,299 P1,169 P396

Unless otherwise stated in footnotes below, data	1981	1982		190	32						19	83				
through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	Anı	nual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
LAB	OR FO	PRCE,	EMP	LOY	MEN	Γ, AN	D EA	RNI	NGS-	-Con	tinue	d				<u></u>
EMPLOYMENT †—Continued  Seasonally Adjusted †  Production or nonsupervisory workers—Continued																
Nondurable goods thous. Food and kindred products do Tobacco manufactures do Tobacco manufactures do Textile mill products do Apparel and other textile products do Paper and allied products do Printing and publishing do Chemicals and allied products do Petroleum and coal products do Rubber and plastics products, nec do Leather and leather products do	5,727 1,150 55 713 1,060 518 699 628 134 569 201	53 643	5,392 1,123 51 628 971 492 696 595 595 122 532 182	5,376 1,127 51 629 968 486 696 593 120 526 180	5,352 1,123 48 623 962 487 694 592 120 523 180	5,349 1,119 54 623 963 486 695 589 119 524 177	5,360 1,119 54 622 973 486 694 588 120 525 179	5,354 1,115 52 622 970 486 694 587 121 529 178	5,362 1,114 52 627 965 486 694 585 585 122 538 179	5,400 1,126 51 631 972 488 699 587 122 546 178	5,416 1,126 51 634 976 491 701 585 120 554 178	5,446 1,136 50 643 980 491 705 586 119 558 178	5,478 1,133 50 643 999 494 705 589 119 568 178	*5,474 *1,120 47 *650 *994 *492 *708 588 518 575 *182	*5,484 *1,121 48 *650 *996 *495 *708 *590 *117 *577 *182	P5,516 P1,107 P49 P656 P1,009 P500 P714 P594 P119 P586 P182
Service-producing	42,805 4,283 17,958 4,360 13,598 3,999 16,565	42,940 4,194 17,827 4,268 13,559 3,994 16,926	42,940 4,171 17,800 4,240 13,560 3,994 16,975	42,893 4,149 17,764 4,225 13,539 3,990 16,990	42,889 4,135 17,738 4,201 13,537 3,993 17,023	42,856 4,125 17,689 4,183 13,506 3,997 17,045	42,920 4,103 17,774 4,171 13,603 3,998 17,045	42,901 4,087 17,769 4,166 13,603 4,003 17,042	43,008 4,086 17,776 4,156 13,620 4,012 17,134	43,134 4,106 17,754 4,165 13,589 4,037 17,237	43,279 4,111 17,797 4,182 13,615 4,049 17,322	43,522 4,110 17,910 4,203 13,707 4,065 17,437	43,644 4,103 17,958 4,207 13,751 4,071 17,512	*43,125 *3,461 *18,000 *4,225 *13,775 *4,090 *17,574	*43,904 *4,140 *18,020 *4,248 *13,772 *4,093 *17,651	P44,048 P4,151 P18,058 P4,254 P13,804 P4,094 P17,745
Seasonally Adjusted																
Avg. weekly hours per worker on private nonagric payrolis: \( \) Not seasonally adjusted hours. Seasonally adjusted do do do Construction \( \frac{1}{2} \).	35.2 43.7 36.9	34.8 42.6 36.7	34.8 34.8 42.0 36.9	34.7 34.7 41.9 37.1	34.7 34.7 41.6 36.1	35.0 34.8 42.2 36.8	34.6 35.1 42.5 36.9	34.2 34.5 41.3 35.4	34.7 34.8 41.8 36.4	34.7 34.9 41.6 36.7	34.9 35.1 42.2 37.4	35.2 35.1 42.5 37.9	35.4 35.0 42.1 38.2	35.4 35.0 42.7 38.0	35.3 35.2 43.1 37.9	P35.3 P35.2 P43.4 P37.2
Manufacturing: Not seasonally adjusteddo Seasonally adjusteddo Overtime hoursdo	39.8 2.8	38.9 2.3	38.9 38.8	39.0 38.9	39.3 39.0	39.7 39.0	39.2 39.7	38.8 39.2	39.6 39.5	39.8 40.1	39.9 40.0	40.3 40.1	40.0 40.2	40.2 40.3	<sup>7</sup> 40.8 <sup>7</sup> 40.8	P40.7 P40.6
Durable goods	40.2 2.8 38.7 38.4 40.6 40.5 40.3 40.9 40.9 40.9	39.3 2.2 38.0 37.2 40.0 38.6 39.2 39.7 39.3 40.5 39.8 38.5	2.3 39.1 2.1 38.4 37.5 40.2 37.8 38.9 39.2 39.0 40.1 39.9 38.6	2.3 39.2 2.1 38.1 37.5 40.2 39.0 39.3 39.2 40.4 39.6 39.0	2.3 39.3 2.1 38.7 37.6 40.2 38.3 39.2 39.3 40.9 39.4 39.1	2.3 39.3 2.2 38.8 37.8 40.1 38.8 39.2 39.3 39.4 40.1 39.7 39.7	2.4 40.1 2.2 40.5 38.6 41.4 38.9 39.9 41.6 40.4 38.7	2.4 39.7 2.3 39.5 37.9 40.5 39.1 39.6 39.4 39.5 41.2 39.7 37.7]	2.6 39.9 2.5 39.5 38.3 40.6 39.4 39.7 39.7 39.8 41.7 40.0 39.0	2.9 40.5 2.8 40.0 39.3 41.0 40.5 40.2 40.4 42.3 40.3 39.0	2.7 40.4 2.6 39.8 39.2 40.3 40.4 40.0 40.3 41.6 40.4 38.8	2.9 40.6 2.8 40.0 39.6 41.6 40.3 40.5 40.4 40.5 41.9 40.1 38.9	3.0 40.8 39.9 39.7 41.7 40.8 40.7 40.8 42.0 38.8	3.1 40.8 3.1 40.2 39.7 40.9 40.9 40.7 40.7 41.8 40.7 41.8 40.7	3.3 41.4 3.4 40.4 41.2 41.2 41.2 43.5 40.8	P3.3 P41.2 P3.4 P40.2 P40.0 P41.8 P41.7 P41.3 P41.2 P41.1 P42.5 P40.5 P39.9
Nondurable goods	39.1 2.8 39.7 38.8 39.6 35.7	38.4 2.5 39.4 37.8 37.5 34.7	38.6 2.6 39.4 39.7 38.1 35.1	38.5 2.6 39.5 39.0 38.3 35.1	38.6 2.5 39.4 38.0 38.8 35.0	38.6 2.5 39.1 37.9 38.9 35.1	39.1 2.6 39.3 36.5 39.7 36.6	38.5 2.6 39.0 34.1 39.0 35.2	39.0 2.7 39.2 36.3 39.6 35.6	39.5 3.0 39.6 37.3 40.6 36.2	39.4 2.9 39.4 37.4 40.4 36.1	39.6 30 39.8 38.5 40.7 36.1	39.5 3.0 39.4 36.8 40.7 35.8	39.5 3.1 39.6 37.7 40.9 36.2	740.0 73.1 740.0 738.5 741.3	P39.7 P3.1 P39.8 P38.3 P40.7 P36.4
Paper and allied products do Printing and publishing do Chemicals and allied products do Petroleum and coal productsdo Rubber and plastics products, nec ‡ do Leather and leather products do	42.5 37.3 41.6 43.2 40.3 36.7	41.8 37.1 40.9 43.9 39.6 35.6	41.6 37.0 41.0 44.2 39.6 35.7	41.7 37.1 40.8 43.8 39.3 35.4	41.7 37.1 40.7 44.1 39.6 35.8	41.7 37.1 40.9 44.4 40.4 35.8	41.8 37.5 41.0 44.5 40.1 36.3	41.4 37.1 41.0 44.4 39.7 34.9	42.1 37.4 41.2 44.9 40.6 36.0	42.4 37.7 41.5 43.5 41.1 37.0	42.7 37.4 41.6 43.6 41.1 36.8	42.8 37.6 41.9 43.8 41.3 36.8	42.9 37.7 41.8 43.7 40.9 37.4	742.9 37.5 41.6 743.5 41.2 737.2	r43.2 r37.8 r41.8 r43.2 r41.9 r37.8	P43.1 P38.0 P41.5 P43.8 P41.8 P37.3
Transportation and public utilities	39.4 32.2 38.5 30.1 36.3 32.6	39.0 31.9 38.4 29.9 36.2 32.6	38.8 31.9 38.4 29.9 36.1 32.8	38.8 31.9 38.4 29.9 36.2 32.6	38.9 31.8 38.4 29.8 36.2 32.6	38.9 32.1 38.4 30.1 36.3 32.6	38.6 31.9 38.5 29.9 36.5 32.9	38.6 31.4 38.2 29.3 36.1 32.5	38.8 31.7 38.4 29.7 36.0 32.7	38.8 31.7 38.5 29.6 36.1 32.7	38.9 31.9 38.6 29.9 36.3 32.9	38.9 32.0 38.7 29.9 36.1 32.7	38.9 31.9 38.6 29.8 36.3 32.6	r39.3 31.8 38.5 29.7 36.1 32.7	*39.4 *31.7 38.7 29.6 36.0 *32.8	P39.4 P31.9 P38.6 P29.9 P36.5 P32.8
Seasonally Adjusted																
Employee-hours, wage & salary workers in non- agric establish, for 1 week in the month, seas adj. at annual rate bil. hours. Total private sector do Mining do Construction do Manufacturing do Transportation and public utilities do Wholesale and retail trade do Finance, insurance, and real estate do Services do Government do	169.92 139.00 2.58 8.01 41.64 10.57 34.54 10.01 31.65 30.91	165.95 135.33 2.49 7.47 38.33 10.28 34.32 10.09 32.35 30.62	165.30 134.56 2.39 7.33 37.67 10.22 34.11 10.11 32.73 30.74	164.29 133.56 2.34 7.29 37.18 10.20 33.96 10.07 32.52 30.73	163.24 133.08 2.30 7.30 36.91 10.18 33.70 10.08 32.61 30.17	164.01 133.13 2.28 7.24 36.76 10.16 33.84 10.13 32.72 30.88	165.80 134.77 2.30 7.98 37.26 9.93 34.22 10.20 32.89 31.03	163.89 132.87 2.17 7.30 37.09 9.89 33.59 10.10 32.74 31.02	164.40 133.56 2.20 7.12 37.43 10.02 33.66 10.10 33.04 30.84	166.20 134.69 2.18 7.26 38.03 10.09 33.70 10.18 33.25 31.41	166.94 135.95 2.21 7.47 38.27 10.11 34.07 10.29 33.52 30.99	167.40 136.77 2.22 7.63 38.65 10.14 34.26 10.28 33.60 30.60	168.08 137.44 2.23 7.72 39.00 10.14 34.35 10.31 33.65 30.64	*167.31 *136.46 2.26 *7.81 *39.15 *8.88 *34.31 10.31 *33.75 *30.85	*169.99 *138.83 *2.29 *7.85 *39.64 *10.31 *34.33 *10.37 *34.04 *31.16	P170.28 P139.42 P2.33 P7.77 P39.71 P10.33 P34.55 P10.46 P34.28 P30.86
Indexes of employee-hours (aggregate weekly): ♦ Private nonagric. payrolls, total	108.1 101.1 137.0 109.1 97.9 98.0 97.6 111.9 105.5 106.3 111.7 104.2 117.2	104.4 91.0 132.2 100.0 87.3 84.8 90.9 111.8 102.3 104.8 108.9 103.2 116.9 122.1	103.9 88.9 122.8 98.2 85.6 82.0 90.8 112.2 101.2 105.1 108.4 103.8 117.0 123.3	102.9 87.4 119.0 97.0 84.0 79.9 90.1 111.5 100.6 104.3 107.7 103.0 116.7 122.5	102.5 86.8 117.5 97.2 83.3 79.0 89.7 111.3 100.7 103.5 107.2 102.1 116.8 122.8	102.6 86.5 116.5 96.5 83.1 78.8 89.5 111.5 100.5 104.0 106.7 103.0 117.2	104.1 89.8 118.4 106.2 85.5 81.4 91.7 112.0 99.0 104.3 106.8 103.4 117.8 124.1	102.2 87.2 111.6 94.7 84.1 80.4 89.6 110.5 98.6 102.1 105.5 100.8 116.4 122.5	103.1 87.8 110.7 94.3 85.4 81.6 91.0 111.6 99.1 103.9 106.1 103.0 116.4 123.9	104.0 89.6 109.5 96.3 87.4 83.7 92.8 111.9 99.6 103.6 106.6 102.4 117.8	105.0 90.5 110.3 99.6 87.8 84.3 92.9 113.0 99.9 104.7 107.3 103.7 119.1 126.1	105.7 91.8 112.5 102.0 88.8 85.4 93.9 113.3 99.9 105.4 108.1 104.4 118.9	106.1 93.0 114.0 103.5 90.0 87.2 94.2 113.4 99.7 105.3 107.9 104.3 119.1 126.3	*105.3 93.5 *115.0 *104.5 *90.4 *87.8 94.2 *111.8 *85.0 105.3 *108.1 *104.2 *119.0 127.1	107.5 '95.2 '116.8 '106.1 '92.1 '89.8 '95.4 '114.3 '101.9 '105.3 '109.3 '103.8 '119.4 '128.1	P108.1 P95.6 P118.4 P104.5 P92.8 P91.1 P95.4 P115.1 P102.2 P106.2 P109.1 P105.1 P120.8 P128.7

Unless otherwise stated in footnotes below, data	1981	1982		198	32						19	83				
through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	Ann	ual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
LABO	OR FO	RCE,	EMP	LOY	MENT	Γ, AN	D EA	RNI	NGS-	-Cont	tinue	d				
HOURLY AND WEEKLY EARNINGS †																
Average hourly earnings per worker:  Not seasonally adjusted: Private nonagric. payrolls	7.25 10.04 10.82 7.99 7.72 8.54 8.25 6.99 5.91 8.27	7.67 10.78 11.62 8.50 8.25 9.06 8.81 7.46 6.31 8.86 11.33	7.76 10.99 11.74 8.59 8.33 9.17 8.92 7.65 6.40 9.03 11.54	7.79 10.96 11.88 8.56 8.31 9.13 8.90 7.57 6.40 9.03 11.41	7.81 11.01 11.72 8.61 8.36 9.17 8.92 7.59 6.43 9.04 11.49	7.82 11.03 11.96 8.68 8.42 9.24 8.97 7.55 6.46 9.08 11.49	7.90 11.21 11.95 8.71 8.46 9.26 9.02 7.68 6.49 9.10 11.56	7.92 11.25 12.00 8.75 8.50 9.31 9.06 7.72 6.50 9.10 11.53	7.90 11.19 11.95 8.74 8.47 9.29 9.02 7.68 6.51 9.13 11.24	7.94 11.28 11.90 8.77 8.48 9.31 9.02 7.74 6.51 9.16	7.97 11.20 11.80 8.78 8.49 9.34 9.04 7.78 6.52 9.20 11.28	7.97 11.25 11.74 8.81 9.37 9.04 7.85 6.60 9.28 11.23	8.00 11.29 11.78 8.86 8.54 9.40 9.08 7.82 6.65 9.34 11.37	7.94 *11.28 11.84 8.79 *8.46 9.34 *9.00 7.83 6.67 *9.31 11.28	8.11 *11.35 *12.00 *8.53 *9.48 *9.09 *7.84 *6.73 *9.42 *11.31	P8.15 P12.03 P8.91 P8.55 P9.47 P9.09 P7.83 P6.73 P9.37
Fabricated metal products	8.19 8.81 7.62 10.39 7.42 5.97	8.78 9.29 8.21 11.12 8.10 6.43	8.90 9.41 8.37 11.24 8.24 6.50	8.85 9.36 8.41 11.29 8.26 6.50	8.90 9.38 8.45 11.34 8.31 6.56	8.96 9.43 8.51 11.43 8.38 6.67	8.98 9.40 8.53 11.40 8.42 6.72	9.04 9.44 8.56 11.49 8.48 6.73	9.05 9.46 8.60 11.49 8.47 6.75	9.07 9.48 8.60 11.53 8.46 6.76	9.08 9.59 8.60 11.52 8.48 6.82	9.11 9.63 8.63 11.63 8.48 6.81	9.10 9.65 8.69 11.62 8.57 6.82	79.12 9.61 8.64 11.53 78.53 76.81	9.22 19.71 18.74 11.81 8.61 16.85	P9.20 P9.76 P8.73 P11.85 P8.57
Nondurable goods do.  Excluding overtime do.  Food and kindred products do.  Tobacco manufactures do.  Textile mill products do.  Apparel and other textile products do.  Paper and allied products do.  Printing and publishing do.  Chemicals and allied products do.  Petroleum and coal products do.  Rubber and plastics products, nec do.  Leather and leather products do.  Transportation and public utilities do.  Wholesale trade do.  Retail trade do.  Retail trade do.  Finance, insurance, and real estate do.  Services do.	7.18 6.94 7.44 8.88 8.5.52 4.97 8.60 9.12 11.38 7.17 4.99 9.70 5.92 7.56 5.25 6.31 6.41	7.73 7.49 7.89 9.78 5.83 5.20 9.32 8.75 9.96 12.46 7.65 7.65 7.65 6.21 8.02 5.47 6.78	7.84 7.56 7.91 9.55 5.86 5.23 8.91 10.19 12.61 7.78 5.41 10.46 6.24 8.10 5.50 6.99	7.80 7.55 7.88 9.50 5.88 5.21 9.53 8.89 10.22 12.57 7.74 5.39 10.48 6.27 8.13 5.53 6.97	7.88 7.62 8.00 10.16 5.92 5.24 9.60 8.92 10.26 12.68 7.81 5.41 10.59 6.30 8.14 5.700 7.00	7.95 7.69 8.06 9.63 6.04 5.28 9.65 9.00 10.32 12.71 7.91 5.44 10.62 6.27 8.20 5.54 7.01	7.97 7.72 8.09 9.87 6.08 5.33 9.65 8.97 10.34 13.16 7.91 5.50 10.68 8.31 5.65 7.19 7.18	7.99 7.75 8.11 9.96 6.10 5.33 9.65 8.99 10.41 13.25 7.91 5.50 10.72 6.45 8.28 5.69 7.22 7.19	8.00 7.74 8.16 10.43 6.11 9.67 9.03 10.39 13.28 7.92 5.52 10.643 8.27 5.643 7.19	8.03 7.75 8.20 10.61 6.14 5.35 9.72 9.03 10.43 13.27 7.95 5.52 10.72 6.45 8.34 5.69 7.23 7.20	8.03 7.75 8.18 10.74 6.14 5.33 9.81 9.05 10.50 13.17 7.97 5.51 10.74 6.46 8.36 5.71 7.23	8.04 7.75 8.17 10.91 6.16 5.36 9.91 9.06 10.52 13.17 7.96 6.46 8.35 5.71 7.26 7.20	8.11 7.81 8.17 10.84 6.17 5.35 10.06 9.10 10.58 13.20 8.06 5.52 10.86 6.48 8.42 5.72 7.30 7.18	8.05 7.73 78.12 10.24 6.19 75.35 10.02 9.14 10.61 13.16 8.03 5.50 10.68 6.47 78.41 7.7.25 7.18	78.10 77.76 8.13 9.86 6.23 75.39 9.25 10.67 13.35 8.08 5.57 10.97 6.54 8.48 5.77 7.33 77.31	*8.12 *7.79 *8.16 *9.79 *6.24 *5.40 *9.29 *10.77 *9.29 *13.35 *8.10 *5.57 *11.00 *8.54 *8.54 *7.43
Seasonally adjusted: Private nonagricultural payrolls dollars. Mining do. Construction do. Manufacturing do. Transportation and public utilities do. Wholesale and retail trade do. Finance, insurance, and real estate do. Services do.	7.25 10.04 10.82 7.99 9.70 5.92 6.31 6.41	7.67 10.78 11.62 8.50 10.30 6.21 6.78 6.90	7.73 (¹) 11.66 8.57 10.39 6.24 (¹) 7.00	7.76 (¹) 11.77 8.58 10.45 6.29 (¹) 7.03	7.78 (¹) 11.71 8.61 10.51 6.32 (¹) 7.04	7.82 (¹) 11.88 8.63 10.58 6.33 (¹) 7.09	7.88 (¹) 11.86 8.68 10.66 6.35 (¹) 7.11	7.91 (¹) 12.00 8.76 10.70 6.39 (¹) 7.14	7.91 (¹) 12.00 8.75 10.77 6.40 (¹)	7.95 (¹) 12.02 8.78 10.76 6.43 (¹) 7.19	7.97 (¹) 11.86 8.79 10.82 6.45 (¹) 7.24	8.00 (¹) 11.85 8.82 10.83 6.49 (¹) 7.26	8.03 (¹) 11.82 8.85 10.88 6.51 (¹) 7.26	7.98 (¹) 11.83 8.84 ¹10.64 •6.52 (¹) 7.26	8.08 (¹) *11.93 *8.87 *10.89 6.54 (¹)	P8.13 (¹) P11.91 P8.93 P10.97 P6.58 (¹) P7.39
Indexes of avg. hourly earnings, seas. adj.: ♦	138.9 92.6 148.2 132.0 141.9 139.4 138.0 138.1	148.3 93.3 159.0 141.1 152.5 148.6 145.0 148.3	150.0 93.1 162.8 141.6 154.6 150.1 146.6 150.6 149.8	150.7 93.1 162.1 142.9 154.7 151.1 147.1 152.0 150.5	151.1 93.4 162.9 141.9 155.3 152.2 147.5 152.6	151.9 94.1 163.0 144.0 155.8 153.1 148.1 153.0 152.0	152.7 94.7 164.7 144.0 156.5 154.4 148.9 156.7	153.4 95.3 165.1 145.6 157.3 155.2 149.3 157.4 152.4	153.4 95.0 164.0 145.5 157.1 155.9 149.6 156.6 152.6	154.0 94.8 165.7 145.9 157.0 155.9 150.5 157.4	154.6 94.7 165.0 144.5 157.7 156.6 151.2 159.0 154.9	154.8 94.8 166.4 144.6 157.8 156.8 151.8 158.2	155.2 94.7 167.6 144.0 158.2 157.9 152.1 159.1 155.6	155.0 94.0 *167.3 *144.1 *158.1 *155.4 *152.3 *158.2 155.9	155.9 94.2 *168.1 *145.3 *158.0 *153.0 *159.8 *157.0	P156.8 P94.4 P168.4 P145.0 P158.7 P159.2 P153.9 P162.0 P158.6
Services do  Hourly wages, not seasonally adjusted: Construction wages, 20 cities (ENR): § Common labor \$ per hr. Skilled labor do Farm (U.S.) wage rates, hired workers, by method of pay:	12.92 16.78	14.28 18.56	14.64 18.99	14.64 19.01	14.69 19.10	14.77 19.26	14.86 19.34	14.92 19.46	14.92 19.46	14.92 19.46	14.92 19.49	15.24 19.85	15.35 20.05	15.44 20.24	15.53 20.37	₽15.53
All workers, including piece-rate	10.64		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 1977 dollars, seasonally adjusted Spendable earnings (worker with 3 dependents):	255.20 170.13	266.92 167.87	269.00 166.98	269.27 166.32	269.97 166.96	272.14 168.61	276.59 171.48	272.90	275.27 170.45	277.46 170.85	279.75 171.42	280.80 171.85		279.30 169.48	284.42 171.85	°286.18
Current dollars, seasonally adjusted	220.57 147.05 255.20	(2) (2) 266.92	270.05	270.31	271.01	273.70	273.34	270.86	274.13	275.52	278.15	280.54	283.20	281.08	286.28	P287.70
Mining         do.           Construction         do.           Manufacturing         do.           Durable goods         do.           Nondurable goods         do.           Transportation and public utilities         do.           Wholesale and retail trade         do.           Wholesale trade         do.           Retail trade         do.           Finance, insurance, and real estate         do.           Services         do.	438.75 399.26 318.00 343.31 280.74 382.18 190.62 291.06 158.03 229.05 208.97	459.23 426.45 330.65 356.06 296.83 401.70 198.10 307.97 163.55 245.44 224.94	461.58 433.21 334.15 357.63 304.19 405.85 200.30 311.04 165.55 249.09 228.57	459.22 440.75 333.84 357.90 301.08 406.62 199.39 313.01 164.79 252.31 228.80	458.02 423.09 338.37 363.13 305.74 413.01 199.71 313.39 164.58 253.40 230.10	465.47 440.13 344.60 371.45 310.85 416.30 203.15 317.34 168.97 254.46 232.11	476.43 440.96 341.43 367.62 307.64 409.04 201.59 318.27 164.98 262.44 234.79	464.63 424.80 339.50 366.81 305.22 411.62 199.31 313.81 163.30 260.64 232.96	467.74 434.98 346.10 372.53 311.20 413.32 201.90 316.74 166.42 258.84 233.74	469.25 436.73 349.05 375.19 313.97 413.79 203.18 319.42 167.29 261.00 234.72	472.64 441.32 350.32 377.34 315.58 415.64 205.43 321.86 169.59 265.35 236.42	478.13 444.95 355.04 382.30 319.19 419.54 207.37 323.15 171.87 262.09 236.88	475.31 450.00 354.40 379.76 319.53 425.71 210.60 326.70 175.03 264.99 237.66	7481.66 449.92 353.36 7380.14 319.59 7421.86 7209.63 7325.47 7174.16 7261.73 237.66		P492.59 P447.55 P362.64 P391.11 P323.99 P433.40 P209.20 P330.50 P171.99 P271.20
HELP-WANTED ADVERTISING Seasonally adjusted index	119	86	73	76	78	83	83	83	83	81	87	92	100	<b>'</b> 97	99	

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Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown		1982		198	32						19	83				
in the 1979 edition of BUSINESS STATISTICS		ual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
LAB	OR FC	RCE,	EMP	LOYI	MENT	Γ, AN	D EA	RNI	NGS-	-Con	_ tinue	d				
WORK STOPPAGES ♦																
Work stoppages involving 1,000 or more workers: Number of stoppages:																
Beginning in month or year number Workers involved in stoppages:		96	14	3	1	0	1	5	4	2	11	13	10	7	r7	10
Beginning in month or yearthous.  Days idle during month or yeardo	729 16,908	656 9,061	390 2,089	38 905	805 805	0 764	795	14 844	1,127	790	24 494	57 676	50 1,198	676 10,656	<sup>7</sup> 22 7575	63 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	r3,275	2,917	l	
State programs (excl. extended duration prov.): Initial claimsthous.	²23,939	30,298	2,344	2,443	2,661	3,080	3,143	2.065	2,075	1,874	1,666	r1,740	1,804	1,669		
Insured unemployment, avg. weekly do Percent of covered employment: @ @	1	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	••••••	
UnadjustedSeasonally adjusted		3,558	4.2 5.0 3,306	4.4 5.3 3,282	4.7 5.3 3,448	5.2 5.0 3,877	5.6 4.5 4.358	5.5 4.5 4,228	5.0 4.5 4,246	4.5 4.4 3,568	3.9 4.1 2,985	3.5 3.8 <sup>1</sup> 2,913	3.5 3.6 2,609	3.2 3.5 2.458		
Benefits paid @ mil. \$	r213,262.1	r220,651.8	1,711.3	1,647.3	1,820.0	2,138.0	4,358 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. Veterans' program (UCX):	. 32	32	26	28	31	33	35	33	31	26	22	21	23	22		
Initial claims do do Insured unemployment, avg. weekly do	193 41	136 11	11 8	10 9	17 14	24 26	21 37	16 37	18 34	15 30	14 26	16 25	16 25	19 26		
Beneficiaries, average weekly do Benefits paid mil. \$.	. 41 2280.7	9 '83.5	6 2.9	7 3.4	8 4.0	20 11.2	32 16.8	36 18.0	34 19.6	28 14.8	24 13.1	24 13.6	22 12.1	23 13.9		
Railroad program: Applicationsthous. Insured unemployment, avg. weekly do	. 184 40	246	14 65	20 73	17 78	17 81	20 95	7 76	8 68	9 79	4 74	31 47	55 48	14 43		
Benefits paid mil. \$.	210.8	62 338.7	31.1	31.6	35.1	39.5	44.5	33.1	36.2	24.8	29.4	15.0	17.6	21.8		
					FINA	NCE										
BANKING																
Open market paper outstanding, end of period: Bankers' acceptances mil. \$.	69,226	79,543			77,125	79,543	77,529	73,706	70,843			70,907				
Commercial and financial co. paper, total do Financial companies	. 111,908		171,627 115,216	170,365 115,530	166,941 115,650	3162,330 3118,640	167,304 120,626	169,142 122,230	166,534 121,034	169,892 123,819	169,870 125,552	127,318	128,520	172,407 129,375		
Dealer placed	30,357 81,551 49,206	334,666 383,974 43,690	35,584 79,632 56,411	35,893 79,637 54,835	36,147 79,503 51,291	34,666 383,974 43,690	36,755 83,871 46,678	38,363 83,867 46,912	36,529 84,505 45,500	36,984 86,835 46,073	38,205 87,347 44,318	38,645 88,673 44,324	90,593	39,136 90,239 43,032	39,088 91,033 45,845	
Agricultural loans and discounts outstanding of agencies supervised by the Farm Credit Adm.:	,				0.1,201	10,000	10,010	10,012	10,000	10,010	11,010	11,021	11,101	10,002	10,010	
Total, end of period mil. \$. Farm mortgage loans:	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
Federal land banks do Loans to cooperatives do	. 9,124	8,423	8,078	50,160 8,288	50,292 8,477	50,375 8,423	50,364 8,882	50,429 9,102	9,341	50,687 9,259	50,778 8, <del>96</del> 7	50,884 8,630	68.659	51,006 8,974	8,707	9,263
Other loans and discounts do  Federal Reserve banks, condition, end of period:	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
Assets, total # mil. \$.  Reserve bank credit outstanding, total # do	. 176,778 . 143,906	1 '	180,647 146,838	,	187,494	190,128	1	1		1	l .	189,579		193,405 160,242	208,034 167,398	
Time loans	1,601	717 139,312	1,123	438	149,394 374 137,676	153,769 717 139,312	354	1.155	2,808	151,134 848 141,550		155,649 3,610 141,673	1,113	3,633	1,625	387
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 #	. 176,778 . 30,816	190,128 34,334	180,647 32,095	36,638	187,494 29,884	34,334	26,275	29,160	28,100	32,321	185,011 26,054	189,579 27,508	27,781	30,608	44,593	26,112
Member-bank reserve balances do Federal Reserve notes in circulation do	25,228 131,906		20,318	24,678	26,533 139,989		22,683 137,667	22,468 139,060		23,193 142,497	20,567 145,783	18,004 147,549		25,702 148,241		
All member banks of Federal Reserve System, averages of daily figures:			l				<b>l</b>									
Reserves held, total mil. \$.  Required do.	41,606	141,353	39,963 39,579	40,587 40,183	41,199	41,853 41,353	41,316	39,797 39,362	38,039 37,602	38,650 38,174	38,282 37,833	38,415 37,935	38,440	38,660 38,214	r37,418	37,626
Excess	1312 1642 1-277		384 976 –490	404 455 35	402 579 –130	500 697 –164	546 500 79	435 557 –83	437 852 –362	476 993 -435	449 902 -355	480 1,714 -1,113	507 1,382 -703	446 1,573 –929	'498 '1,441 '-752	839
Large commercial banks reporting to Federal Re- serve System, Wed. nearest end of yr. or mo.:	]				100								100			
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 do Individuals, partnerships, and corp do	187,518 140,376		164,559 124,088	187,996 139,931	190,848 143,159		173,523 131,271	182,699 136,570		170,795 129,353		180,687 134,190		177,392 134,792	167,689 128,721	
State and local governments	5,235 2,148	5,487 1,767	4,488 1,874		5,238 1,064	5,487 1,767	5,722 1,213	5,533 2,580	4,439	4,863 3,477	5,482 1,134		5,309	4,932 995	4,693 1,610	5,522
Domestic commercial banks do  Time, total #	21,896 362,502	23,613	1	22,492 403,346	l .	23,613 406,773		20,790				20,667 414,174	1	20,049 419,022	17,960 417,907	1
Individuals, partnerships, and corp.: Savingsdo	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	250,511 470,988			278,990 503,444	276,282	258,127 505,603	l '	1 '	216,971 503,066		1	212,468 506,066	I '	218,694 510,467	218,041 510,582	1 '
Commercial and industrial do For purchasing or carrying securities do	195,499 10,756	216,860 11,223	217,148 10,495	216,754 12,207	216,892 11,627	216,860 11,223	218,565 9,758	218,288 11,151	216,608 10,811	214,650 10,010	214,426 12,084	213,330 12,764	215,445 11,940	214,063 12,603	213,350 11,496	216,818 13,172
To nonbank financial institutions	26,729 124,444	26,926 132,336	27,036 131,702	27,312 131,706	131,954	26,926 132,336	26,361 133,935	26,561 134,163	26,581 134,568	25,301 134,009	26,005 134,358	25,383 134,860	135,703	25,241 137,078	25,512 138,140	25,236 139,432
Other loans do  Investments, total do	116.905	155,314 125,863	116,464	122,277	152,179 122,219	155,314 125,863	131,837	131,316	147,288	1	159,109	136,946	135,743	1	158,118 136,281	
U.S. Government securities, total do Investment account *	36,819 30,872	44,586 36,730	37,798 30,695	42,270 33,043	44,152 34,740	44,586 36,730	48,816 38,677	49,391 40,047	49,098 40,587	50,996 41,118	54,352 43,885	53,742 43,425	51,445 41,612	51,400 43,016	52,103 43,807	56,307 47,193
Other securities do  See footnotes at end of tables.	.l 80,086	81,277	I 78,666	80,007	1 78,067	l 81,277	83,021	81,925	I 80,877	84,151	I 83,627	I 83,204	l 84,298	1 84,421	84,178	84,084

Unless otherwise stated in footnotes below, data		1982		19	82			-			19	83		_		
through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	.l	ual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
		-	F	INA	NCE-	-Cont	inue	3	,				1		18.	
BANKING—Continued  Commercial bank credit, seas. adj.: Total loans and securities bil. \$. U.S. Treasury securities do. Other securities do.	1,316.3 111.0 231.4		1,389.4 118.2 237.6	1,397.5 122.3 237.2	1,398.5 126.4 235.8	1,412.0 130.9 239.2	1,428.2 139.8 243.3	1,436.5 144.5 243.2	1,450.1 151.0 242.8	1,460.6 157.8 243.4	1,474.4 166.1 245.0	1,488.0 171.2 246.2	1,499.9 172.9 246.1	1,513.2 174.4 247.8	1,520.3 176.9 247.1	
Total loans and leases do  Money and interest rates:	973.9	1,042.0	1,033.5	1,038.1	1,036.4	1,042.0	1,045.1	1,048.8	1,056.3	1,059.5	1,063.3	1,070.6	1,080.9	1,091.0	1,096.3	
Discount rate (N.Y.F.R. Bank) @@ percent. Federal intermediate credit bank loans do Home mortgage rates (conventional 1st mortgages):	13.41 214.20	11.02 213.56		9.68	9.35 12.48	8.73 12.14	8.50 11.58	8.50	8.50 10.83	8.50 10.51	8.50 10.20	8.50 10.14	8.50 10.22	8.50 10.30	8.50 10.42	8.50 610.55
New home purchase (U.S. avg.) percent. Existing home purchase (U.S. avg.) do  Open market rates, New York City:  Bankers' acceptances, 90 days do  Commercial paper, 6-month ‡ do	<sup>2</sup> 14.13 <sup>2</sup> 14.51 <sup>4</sup> 15.32 <sup>3</sup> 14.76	<sup>2</sup> 14.49 <sup>2</sup> 14.78 <sup>3</sup> 11.89 <sup>3</sup> 11.89	10.40 10.86	13.86 14.37 9.24 9.21	13.74 8.76 8.72	8.54 8.50	13.00 13.04 8.19 8.15	12.62 12.88 8.36 8.39	12.97 12.61 8.54 8.48	12.02 12.42 8.49 8.48	12.21 12.36 8.36 8.31	11.90 12.21 9.04 9.03	12.02 12.18 9.33 9.36	12.01 12.25 9.59 9.68	12.08 12.38 9.23 9.28	9.01 8.98
Finance co. paper placed directly, 6-mo @ do Yield on U.S. Government securities (taxable): 3-month bills (rate on new issue) percent	°13.73	³11.20 ³10.686	9.63 8.196	7.750	8.42 8.042	8.20 8.013	7.97 7.810	8.26 8.130	8.35 8.304	8.41 8.252	8.15 8.185	8.80 8.820	9.10 9.120	9.42 9.390	9.09 9.050	8.79 8.710
CONSUMER INSTALLMENT CREDIT  Total extended and liquidated: Unadjusted:	224 500	244 001	00.554	97 090	21 402	94 500	,									i i
Extended         mil.\$.           Liquidated         do           Seasonally adjusted:         Extended, total #         do	334,508 316,291	344,901 331,805	29,554 27,056 28,619	27,929 28,926 28,650	31,423 29,522 31,691	34,567 28,143 30,777										
By major holder: Commercial banks do. Finance companies do. Credit unions do. Retailers do.			13,219 4,841 3,047 4,621	13,754 4,533 2,963 4,457	14,806 6,099 3,434 4,444	14,236 5,861 3,295 4,446										
By major credit type: Automobile do Revolving do Mobile home do			7,488 12,705 522	8,041 12,614 543	10,177 12,778 486	9,716 12,491 473										
Liquidated, total #         do           By major holder:         Commercial banks         do           Commercial banks         do           Finance companies         do           Credit unions         do           Retailers         do			27,363 12,531 4,735 2,792 4,552	28,781 13,681 4,905 2,925 4,524	29,676 14,349 5,048 3,022 4,495	28,359 13,125 4,837 3,098 4,537										
By major credit type: Automobile do Revolving do Mobile home do			7,139 12,394 447	8,111 12,533 578	8,643 12,739 463	8,225 11,990 510										
Total outstanding, end of year or month # do By major holder: Commercial banks do Finance companies do Credit unions do Retailers do.	331,697 147,622 89,818 45,954 29,551	344,798 152,069 94,322 47,253 30,202	337,469 149,801 93,357 46,846 26,829	336,473 149,528 92,541 46,645 27,046	338,372 149,651 93,462 46,832 27,639	344,798 152,069 94,322 47,253 30,202	343,151 150,906 95,080 46,946 28,859	340,343 150,257 93,859 46,757 27,734	342,568 151,319 94,817 47,081 27,472	344,748 152,408 94,675 47,505 27,455	347,189 153,471 95,364 47,838 27,541	353,012 156,603 96,349 48,652 27,804	358,020 159,666 97,319 49,139 27,900	163,313	367,604 165,971 97,274 51,123 28,319	
By major credit type:   Automobile	125,331 62,819 18,373	130,227	128,865 61,845 19,011	128.375	129,299	130,227	129.482	129,055	130,959	131,976	133,640	136,183	138,689	141.677	142.477	
Budget receipts and outlays:         mil. \$.           Receipts (net)         do           Outlays (net)         do           Budget surplus or deficit (—)         do	1599,272 1657,204 1–57,932	1728,424	59,694 61,403 -1,708	40,539 66,708 -26,169	42,007 66,166 -24,158	54,498 72,436 -17,938	57,505 67,087 -9,582	38,816 64,152 -25,336	43,504 69,540 -26,036	66,234 69,542 -3,308	33,755 63,040 -29,285	66,517 63,116 3,401	43,948 65,360 -21,412	49,683 67,160 -17,477	63,556 61,610 1,946	
Budget financing, total do  Borrowing from the public do  Reduction in cash balances do	\$57,932 \$79,329 \$-21,397	\$127,989 \$134,912 \$1-6,923	r4,574 r22,128 -17,554	26,462 6,228 20,234	24,845 25,923 -1,078	18,103 29,895 –11,792	9,916 6,419 3,497	25,341 17,919 7,422	27,296 31,303 -4,007	4,447 2,681 1,766	30,476 18,497 11,979	-1,382 25,719 -27,101	22,705 11,877 10,828	18,744 20,522 -1,778	756 15,442 -14,686	
Gross amount of debt outstanding do Held by the public do  Budget receipts by source and outlays by agency: Receipts (net), total mil. \$	1,003,941 1794,434 1599,272		1,146,987 929,346 59,694	1,147,713 935,574 40,539	1,166,569 961,497 42,007	1,201,898 991,392 54,498	1,205,899 997,811 57,505	1,220,132 1,015,730 38,816	1,249,312 1,047,033 43,504	1,252,706 1,049,714 66,234	1,296,125 1,068,211 33,755	1,324,318 1,093,930 66,517	1,331,595 1,105,806 43,948	1,353,072 1,126,328	1,381,886 1,141,770 63,556	
Individual income taxes (net)	1285,917 161,137 182,720 169,499	1617,766 1298,111 149,207 1201,131 169,317	32,592 6,146 15,607 5,349	20,832 -461 15,157	22,452 -680 14,902 5,332	24,946 8,164 15,776 5,613	34,151 1,164 17,071 5,119	20,544 -274 13,797 4,748	15,658 4,373 17,939 5,533	35,040 4,796 21,481 4,918	6,384 -302 22,330 5,344	32,773 9,955 17,903 5,886	21,938 856 15,316 5,838	49,683 23,259 383 20,089	30,961 9,048 17,240	
Outlays, total #	1657,204 126,030 1156,035	1728,424 136,213 1182,850 1251,268	61,403 3,026 16,446	5,010 66,708 4,107 15,896 22,200	66,166 5,374 16,461 22,817	72,436 7,499 17,615 23,440	67,087 5,836 15,901 22,197	64,152 3,847 16,199 22,220	69,540 3,084 18,453 23,405	69,542 4,626 17,115	63,040 2,503 16,888 22,234	63,116 2,787 17,908	65,360 2,429 16,936	5,952 67,160 1,644 18,133	6,308 61,610 2,637 17,508 22,296	
Treasury Department	192,633 15,421 122,904	110,521 16,026 123,937	7,180 467 1,924	9,149 482 1,942	9,076 632 2,066	14,327 524 3,200	9,248 468 834	9,512 494 2,061	8,014 672 2,286	8,113 487 3,354	9,679 603 878	22,862 13,944 571 1,900	8,969 583 2,021	23,570 10,014 601 2,254	6,743 539 2,008	
GOLD AND SILVER: Gold: Monetary stock, U.S. (end of period) mil. \$ Price at New York #dol. per troy oz	11,151 459.614	11,148 376.010	11,148 435.564	11,148 421.755	11,148 414.993	11,148 445.431	11,144 479.893	11,139 490.408	11,138 419.696	11,135 432.188	11,132 437.555	11,131 412.841	11,131 423.053		11,128 411.455	11,126 393.208
Silver: Price at New York ‡ dol. per troy oz  See footnotes at end of tables.	10.518	7.947	8.725	9.458	9.892	10.586	12.396	13.964	10.619	11.694	12.976	11.749	12.088	12.096	11.915	9.841

November 1983			ORVE	II OF	CUN	.REN	I BUS	)IIVE	00							9-19
Unless otherwise stated in footnotes below, data	1981	1982		19	82						19	183				
through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	Ant	nual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Мау	June	July	Aug.	Sept.	Oct.
			F	INA	NCE-	-Cont	tinue	i								
MONETARY STATISTICS				[			Γ						l			
Currency in circulation (end of period)bil. \$	145.6	156.2	149.2	150.1	154.1	156.2			1155.7			148.1				
Money stock measures and components (averages of daily figures): †			1													
Measures (not seasonally adjusted): ‡ M1bil. \$	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 M3 do	1,716.6 2,061.3	1,878.3 2,278.5	1,908.7 2,324.4	1,928.6 2,350.4	1,943.6 2,369.2	1,964.5 2,385.3	2,018.3 2,415.1	2,042.5 2,427.0	2,065.9	2,088.4 2,465.4	2,092.7 2,471.5	2,114.1	2,127.8 r2,508.1	2,129.2	72,136.8 72,534.2	2,160.1
L (M3 plus other liquid assets) do Components (not seasonally adjusted):	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				
Currency do  Demand deposits do	119.8 240.3		130.2 232.9	131.3 237.6	132.7 240.6	135.2 247.7	133.2 245.1	133.7 232.8	135.4 235.2	137.4 242.4	138.9 238.2	140.3 242.1	142.0 245.1	142.1 241.3	142.6 242.1	143,9 244,3
Other checkable deposits ‡‡ do do Overnight RP's and Eurodollars * do	65.6 33.0	90.3	93.3 41.5	97.3 43.9	101.5 45.2			110.0 48.8	114.3 48.7	120.2 50.6	118.2 55.1	121.0 56.0	122.5 52.7	123.0 52.1	124.5 52.7	126.4 56.1
Money market mutual funds	109.8 361.5	172.4	185.1 348.2	187.6	191.1 363.4	182.2 356.7	166.7 334.7	159.6 324.5	154.0 323.2	146.7 324.3	141.1 324.6	139.7 326.3	138.7 326.6	139.2 321.5	137.5 318.2	137.8 317.9
Small time deposits @	788.2 287.1		879.0 334.9	875.3 339.1	871.6 340.8		798.6 314.2	758.5 302.6	737.7 298.9	728.6 298.0	722.7 298.0	723.9 301.0	734.3 '301.9	746.0 7310.3	754.8 317.0	769.2 319.9
Measures (seasonally adjusted): ‡			400.0	400.7	474.0	478.2	482.1	491.1	407.6							
M1			463.2 1,917.0	468.7 1,929.7 2,352.0	474.0 1,945.0 2,370.2	1,959.5	2,010.0 2,403.3	2,050.8 2,430.6	497.6 2,069.9 2,447.1	496.5 2,074.8 2,453.9	507.4 2,096.2	511.7 2,114.4 2,498.8	515.5 2,126.3 2,510.2	516.7 2,136.9	517.1 2,145.1	517.7 2,161.1
L (M3 plus other liquid assets) do			2,333.9 2,840.5	2,866.0	2,882.4	2,896.8	2,930.6	2,960.2	2,987.6	3,006.0	2,476.2 3,032.1	3,059.9	-2,510.2	r2,528.3	*2,543.4	2,561.0
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			234.0 350.0		237.6 366.4	359.3	239.4 335.1	238.7 325.7	240.1 322.7	238.9 321.5	242.5 323.1	244.0 325.0	245.8 323.5	244.5 322.1	243.4 r320.6	242.8 318.7
Small time deposits @ do Large time deposits @ do			883.2 336.1	878.0 339.6	874.9 340.4		797.4 310.7	755.1 297.9	733.8 296.2	725.7 300.2	720.1 299.2	722.1 304.1	735.1 •305.6	748.0 7311.6	757.7 317.9	771.0 320.4
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	9,109 1,157	8,383 851	1,845 258			2,462 339			1,488 241			2,224 461				
Paper and allied products	3,110 12,973	1,460 10,324	408 2,478		***************************************	198 2,062			2,755			543 3,045				
Petroleum and coal products do Stone, clay, and glass products	23,733 1,627	19,666 408	5,225 280			5,237 161			3,658 -123			4,529 340				
Stone, clay, and glass products	2,124 3,507	-333 -3,705	-36 -906			-467 -2,550			-114 -759			50 -616			***************************************	
Fabricated metal products (except ordnance, machinery, and transport. equip.) mil. \$	4,235	2,320	433		 	292			336			739				
Machinery (except electrical)do Elec. machinery, equip., and supplies do	12,580 7,872	8,038 6,449	1,786 1,602			1,152 1,428			1,306 1,313			1,926 1,268				
Transportation equipment (except motor									1	*************		,	***************************************	***************************************	***************************************	
vehicles, etc.) mil. \$ Motor vehicles and equipment do	3,722 -209	2,566 734	706 -18			598 -321			595 1,058			847 2,163				
All other manufacturing industries do  Dividends paid (cash), all industries do	15,762 40,317	13,867 41,259	3,767 10,085			3,523 10,561			3,534 9,902			4,655 10,275				••••••
SECURITIES ISSUED @ @	,		,			10,001			0,002			10,270				***************************************
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	19,252	7,017	5 160		
By type of security: Bonds and notes, corporate	38,966	45,211	5.026	6,967	3,588	4.133		3.666	5.487	6.852	·	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	r5,420	3,949	2,798		
Preferred stockdo By type of issuer:	1,633	5,048	520	611	563	418	594	1,955	937	441	492	715	296	247		
Corporate, total # mil. \$ Manufacturing do	65,603 15,463	73,660 13,875	7,210 1,505	9,496 2,863	6,845 1,251	7,997 1,634	7,889 2.089	8,662 1,846	12,406 2,477	11,214 2,715	13,495 3,477	r8,352 r3,069	7,017 1,412	4,922 1,421		
Extractive (mining) do Public utility do	8,553 13,304	7,429 15,326	750 1,783	302 1,795	494 1,119	230 1,393	1,218 663	419 1,387	1,515 1,545	612 1,293	556 1,904	653 913	935 492	390 554		
Transportation do	1,897 5,871	2,091 4,175	124 305	518 307	306 89	46 1,586	386 187	664 25	336 1,883	337 986	370 505	205 381	468 1,120	220 245		
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	46,134	77,179	6,420	8,082	9,951	9,857	3,492	5,897	7,850	9,819	9,083	18,355	r4,589	6,563	'5,779	5,983
Short-term	34,443	43,390	3,146	3,357	3,396	3,365	2,980	1,714	2,283	5,875	2,226	3,623	3,291	4,101	r2,397	3,321
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	3,515	5,735	4,990	5,520	5,600	5.735	6,257	6,195	6,870	6,090	6,090	6,150	6.275	6,250	6,550	
Cash accounts do  Bonds	7,150	8,390	7,475	8,120	8,395	8,390	8,225	7,955	7,830	7,970	8,310	8,500	8,145	8,035	7,930	
Prices:																
Standard & Poor's Corporation: High grade corporate:																
Composite \$dol. per \$100 bond  Domestic municipal (15 bonds)do	33.7 43.2	35.8 41.8	38.0 45.6	41.7 49.7	44.2 48.7	42.9 49.0	42.5 51.6	41.3 51.3	42.€ 53.1	43.8 54.2	44.4 53.9	42.2 51.1	40.4 51.4	39.0 50.0	39.7 50.8	40.0 50.4
Sales: New York Stock Exchange, exclusive of some											Ì					
stopped sales, face value, total mil. \$!	5,733.07	7,155.44	699.80	875.39	770.43	792 60	787.72	689.61	793.35	725.15	687.63	641.90	538.78	560.48	498.96	513.37
See footnotes at end of tables.																

Unless otherwise stated in footnotes below, data		1982		19	82						19	83				
through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	i.	nual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
	·		F	INA	NCE-	-Cont	tinue	d		L		·				
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: Aaado	14.17		12.94	12.12	11.68	11.83	11.79	12.01	11.73 12.32	11.51	11.46	11.74	12.15	12.51	12.37	12.25
Aa	14.75 15.29 16.04	15.43	13.72 15.07 15.63	12.97 14.34 14.73	12.51 13.81 14.30	12.44 13.66 14.14	12.35 13.53 13.94	12.58 13.52 13.95	13.20	12.06 12.86 13.29	11.95 12.68 13.09	12.15 12.88 13.37	12.39 12.99 13.39	12.72 13.17 13.64	12.62 13.11 13.55	12.49 12.97 13.46
By group:								ŀ								
Industrials do Public utilities do Railroads do	. 14.50 . 15.62 . 13.22	15.33	14.11 14.56 13.69	13.19 13.88 13.08	12.57 13.58 12.74	12.48 13.55 12.60	12.34 13.46 12.27	12.43 13.60 12.13	13.31	11.84 13.03 11.90	11.59 13.00 11.62	11.90 13.17 11.78	12.18 13.28 12.07	12.52 13.50 12.13	12.46 13.35 12.04	12.39 13.19 12.08
Domestic municipal:																
Bond Buyer (20 bonds) do Standard & Poor's Corp. (15 bonds) do	. 11.56 11.23	11.57	10.48 10.61	10.05 9.59	10.23 9.97	9.56 9.91	9.74 9.45	9.04 9.55	9.38 9.16	8.82 8.96	9.78 9.03		9.60 9.46	9.75 9.72	9.46 9.57	9.79 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
Prices:																
Dow-Jones averages (65 stocks)	364.61 932.92 108.58 398.56		356.89 917.27 116.18 368.32	383.92 988.71 119.97 402.70	401.57 1,027.76 119.34 436.43	404.83 1,033.08 117.83 446.37	417.61 1,064.29 123.83 457.74	428.91 1,087.43 124.32 479.72	126.88	458.20 1,168.43 126.08 518.15	476.19 1,212.86 129.21 542.75	128.21	485.34 1,213.93 130.40 572.84	470.13 1,189.21 129.60 536.83	491.30 1,237.04 132.47 571.17	500.44 1,252.20 138.35 582.28
Standard & Poor's Corporation: \$   Combined index (500 Stocks)	128.04 144.24 139.03	119.71 133.57 119.98	122.43 137.09 119.61	132.66 148.11 131.64	138.10 153.90 139.35	156.02 142.63	144.27 162.02 151.03	146.80 165.15 154.08		157.71 176.78 163.82	164.10 184.10 173.34	166.39 187.42 177.89	166.96 188.32 180.42	162.42 183.16 176.42	167.16 188.61 182.89	167.65 189.00 183.09
Consumer goods (191 Stocks) do Utilities (40 Stocks) do	100.67 51.87	109.37 54.78	115.51 56.48	126.43 59.41	133.27 60.08	134.75 59.33	133.08 61.89	133.89 61.52	144.43 62.13	149.93 62.95	154.90 64.88	156.13 64.14	157.69 65.06	150.32 64.85	155.43 66.00	160.20 69.10
Transportation (20 Stocks) 1970=10 Railroads (6 Stocks) 1941-43=10	23.26 93.09	19.64	20.27 77.20	22.19 86.27	23.52 88.27	23.84 85.83	24.93 90.26	25.52 91.73	26.48	27.30 100.90	29.03 109.37	29.73 110.91	29.96 113.04	28.62 112.03	30.99 121.86	31.09 120.37
Financial (40 Stocks)	14.44 52.45 117.82 141.29		13.72 50.50 86.79 134.47	15.97 64.21 106.48 156.02	17.46 68.70 114.55 166.54	16.90 65.60 103.62 168.28	16.51 63.91 101.22 162.01	16.75 64.58 100.25 163.13	18.60 70.91 107.22 186.26	20.00 78.18 115.35 190.90	20.56 79.16 122.92 188.29	20.15 73.22 121.77 186.32	19.56 69.77 120.07 181.67	18.75 68.75 119.44 175.69	18.91 68.47 118.31 186.65	18.29 63.28 111.76 185.44
New York Stock Exchange common stock indexes:	74.02	68.93	70.21	76.10	79.75	80.30	83.25	84.74	87.50	90.61	94.61	96.43	96.74	93.96	96.70	96.78
Composite	85.44 72.61 38.91 73.52	78.18 60.41 39.74	80.08 61.39 40.36 69.66	86.67 66.64 42.67 80.59	90.76 71.92 43.46 88.66	92.00 73.40 42.93 86.22	95.37 75.65 45.59 85.66	97.26 79.44 45.92 86.57	100.61 83.28 45.89 93.22	104.46 85.26 46.22 99.07	109.43 89.07 47.62 102.45	90.43 112.52 92.22 46.76 101.22	113.21 92.91 46.61 99.60	109.50 88.06 46.94 95.76	112.76 94.56 48.16 97.00	95.76 112.87 95.41 48.73 94.79
Yields (Standard & Poor's Corp.):		ł					1									
Composite (500 stocks) percent. Industrials (400 stocks) do Utilities (40 stocks) do	5.20 4.90 10.15	5.48	5.63 5.26 10.22	5.12 4.78 9.73	4.92 4.60 9.62	4.93 4.59 9.83	4.79 4.44 9.48	4.74 4.39 9.60	4.59 4.26 9.52	4.44 4.12 9.40	4.27 3.96 9.12	4.26 3.93 9.30	4.21 3.88 9.15	4.35 4.01 9.20	4.24 3.91 9.11	
Transportation (20 stocks) do Financial (40 stocks) do	3.40 5.41		4.17 6.12	3.75 5.22	3.53 4.84	3.46 5.08	3.24 5.27	3.19 5.24	3.04 4.75	2.98 4.45	2.81 4.33	2.83 4.47	2.77 4.65	2.88 4.75	2.65 4.72	
Preferred stocks, 10 high-grade do	12.36		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. \$ Shares sold millions On New York Stock Exchange:	490,688 15,910	596,670 22,414	61,374 2,301	79,303 2,852	75,002 2,642	73,704 2,547	69,588 2,402	65,657 2,189	81,315 2,681	75,498 2,431	88,346 2,825	93,847 2,857	76,494 2,319	79,553 2,633		
Market value	415,913 12,843	514,263 18,211	52,551 1,890	67,157 2,292	63,927 2,129	61,542 1,992	59,712 1,920	55,909 1,756	70,121 2,183	63,156 1,930	75,317 2,246	79,973 2,264	64,858 1,837	68,306 2,191		
New York Stock Exchange: Exclusive of odd-lot and stopped stock sales					,	, , , , , , , , , , , , , , , , , , ,	}						,			
(sales effected) millions  Shares listed, N.Y. Stock Exchange, end of period:	11,854		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
Market value, all listed shares bil. \$ Number of shares listed millions	1,143.79 38,298	1,305.36 39,516	1,120.26 39,177	1,244.38 39,262	1,291.94 39,400	1,305.36 39,516	1,349.19 39,688	1,385.49 40,298	1,431.63 40,468	1,545.81 41,090	1,547.13 41,508	1,604.02 42,321	1,562.40 43,382	1,571.38 43,763	1,591.43 43,888	1,563.58 44,276
	F	OREIG	N TF	RADE	OF	THE	UNIT	ED S	TAT	ES						
VALUE OF EXPORTS																
Exports (mdse.), incl. reexports, total @ mil. \$		212,274.6	16,716.7	17,274.5	15,695.0	16,723.9	, i		18,329.9	1	16,234.6	17,557.7	15,895.1	15,639.7	16,845.3	
Excl. Dept. of Defense shipments	1233,677.0	212,193.1	16,712.6 17,320.3	17,267.0 16,671.4	15,689.2 15,851.9	16,716.4 16,346.6	16,200.6 17,393.0	15,531.5 16,325.8	18,327.5 16,751.6	16,707.5 16,073.8	16,228.5 15,566.4	17,555.3 17,008.3	15,894.1 16,628.5	15,638.7 16,630.2	16,844.0 17,387.0	
By geographic regions: Africado	111,097.4		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 Australia and Oceania do Europe do	163,848.7 16,435.8 169,714.7	64,822.2 5,699.7 63,664.2	4,947.1 445.8 4,857.0	5,372.4 433.6 4,930.1	5,109.7 362.7 4,892.6	5,746.2 360.5 5,095.6	5,043.2 386.2 5,340.1	4,862.8 311.2 4,939.3	5,521.8 381.7 5,927.2	5,264.5 376.5 5,066.5	4,801.1 350.7 4,902.5	5,933.8 553.0 4,582.7	5,608.5 407.8 4,298.6	4,864.3 449.9 4,383.8		
Northern North America do Southern North America do South America do	139,565.8 124,368.7 117,732.1	33,723.6	2,838.1 1,573.0 1,278.5	3,089.2 1,224.7 1,235.6	2,512.5 1,043.4 1,125.3	2,378.3 1,161.1 1,070.1	2,671.7 1,111.1 1,001.5	2,675.7 1,134.2 837.7	3,556.0 1,272.4 791.0	3,223.2 1,164.2 783.1	3,440.9 1,308.4 714.8	3,329.3 1,323.2 974.6	2,634.5 1,280.7 988.3	3,031.9 1,419.9 787.1		
By leading countries: Africa: Egypt do Republic of South Africa do	<sup>1</sup> 2,159.4 <sup>1</sup> 2,911.7	2,875.4	191.4 174.7	280.0 162.3	145.4	264.0	250.2	249.1	281.2	268.5	192.0	296.3	234.8	206.3		
Republic of South Arrica do  Asia; Australia and Oceania:  Australia, including New Guinea do  Japan do	<sup>1</sup> 5,297.5 <sup>1</sup> 21,823.0	2,368.2 4,600.7 20,966.1	380.4	337.0	307.7 1,814.6	280.6 1,803.1	315.9 1,601.0	134.9 259.4 1,423.6	329.6 1,781.1	327.3 1,752.6	243.1 287.4 1,546.7	152.2 483.0 1,935.5	340.9 1,920.8	362.9 1,799.7		
See footnotes at end of tables.																

Unless otherwise stated in footnotes below, data	1981	1982		19	82	ĺ					19	83				
through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	Anı	nual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
FC	OREIG	N TR	ADE	OF T	HE U	NITI	ED SI	ATE	s_c	ontin	ued					
VALUE OF EXPORTS—Continued																
Exports (mdse.), incl. reexports—Continued																
Europe: France mil.\$	²7,340.5	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		<b> </b>
German Democratic Republic (formerly E. Germany) mil. \$	1295.7	222.8	1.9	16.9	10.1	14.1	14.6	5.5	20.2	25.2	8.2	4.3		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	15,360.0		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 United Kingdomdo	12,431.3 112,439.2	2,587.3 10,644.7	77.1 935.6	80.0 833.1	160.6 838.1	147.7 792.5	266.4 860.6	219.9 885.0	179.3 1,021.5	219.5 962.0	42.9 963.6	88.7 793.3	44.3 793.2	66.2 841.5		
North and South America: Canadado	139,564.3	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	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Í
Latin American republics, total # do	138,950.1	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 Mexico do	13,798.2 17,788.7	11,816.9	306.0 1,042.6	236.3 633.2	201.7 504.9	214.8 640.0	194.8 626.6	195.5 712.3	185.4 746.7	198.8 681.2	183.9 825.9	802.3	761.7	179.2 881.2		
Venezuela do Exports of U.S. merchandise, total § do	15,444.9	5,206.2 207,157.6	402.5 15,980.7	449.2 16.886.7	402.6 15,319.1	392.8 16,290.1	390.0 15,818.8	265.3 15,198.8	199.5 17.913.0	134.8 16,360.7	160.9 15,854.5	227.8 17.201.1	222.0 15,566.9	174.0 15,252.0		
Excluding military grant-aid do Agricultural products, total do do	228.898.7	207,076.2	15,976.6 2,388.1	16,879.2 2,887.4	15,313.3 3,049.7	16,282.6 2,887.5	15,814.4 3,115.2	15,189.7 3,018.0	17,910.6 3,188.1		15,848.4 2,679.9	17,198.6		15,250.9		
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								
By commodity groups and principal commodities:													1			
Food and live animals # mil. \$. Beverages and tobacco	130,290.8 12,914.7	3,026.2	1,691.6 193.1	1,816.6 350.3	1,798.8 379.8	1,758.0 257.5	2,093.7 171.5	1,963.6 223.6	2,098.2 227.1	1,904.2 213.4	1,769.0 199.3	231.3	1,865.9 193.4	1,854.3 215.7	2,122.9 207.4	]
Crude materials, inedible, exc. fuels # do Mineral fuels, lubricants, etc. # mil. \$	120,992.4 110,279.0	19,248.4 12,728.8	1,328.1 1,073.3	1,515.4 1,206.1	1,663.4 846.0	1,546.9 881.9	1,576.6 1,006.3	1,458.5 681.1	1,609.8 843.6	1,645.4 872.6	1,495.7 759.4	1,527.2 816.3	1,342.2 652.6	1,478.7 837.5	1,491.4 821.0	
Oils and fats, animal and vegetable do  Chemicals	11,750.3 121,187.1	1,540.9 19,890.5	146.8 1.548.7	105.0 1.487.8	118.3 1.455.2	117.3	99.1 1.565.1	139.5 1.491.8	114.9	156.7 1,586.5	129.3 1.557.7	84.9 1,820.0	127.0 1,620.8	111.7 1.742.0	157.0 1.609.8	l .
Manufactured goods # do do Machinery and transport equipment,		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	
total mil. \$.  Machinery, total # do	195,717.2 162,945.5	87,128.1 59,324.2	6,756.3 4,928.1	7,136.5 4,889.2	6,083.4 4,451.1	6,846.4 4,522.4	6,174.2 4,252.5	6,406.1 3,989.1	8,041.1 4,920.0	6,794.1 4,513.6	6,865.3 4,514.8	7,812.8 4,558.3	6,626.6 4,554.0	6,006.6 4,238.3	6,792.3	
Transport equipment, total do	'32,790.9	27,823.9	1,828.8	2,248.1 1,084.0	1,632.7 957.9	2,326.7 919.5	1,922.5 958.7	2,417.7 1,076.1	3,121.8 1,349.1	2,281.2 1,288.1	2,353.5 1,370.4	3,255.1 1,246.4	2,703.4 959.0	1,768.7		
VALUE OF IMPORTS	10,211.0	10,000.0	1,010.1	1,001.0	001.0	010.0	500.7	1,010.1	1,010.1	1,200.1	1,010.4	1,210.1	000.0	1,040.0	***************************************	
eneral imports, total do do do do	¹261,304.9	*243,951.9	20,187.8 20,581.3	21,219.3 21,006.0	19,002.0 18,892.4	18,720.2 19,154.4	20,149.0 20,020.9	17,592.6 19,014.9	20,311.2 19,525.2	19,807.8 19,771.1	21,932.9 21,514.4	21,763.0 21,024.4	21,583.9 21,949.9	23,058.6 22,782.3	21,736.3 22,175.1	
By geographic regions: Africado	127,070,6	*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		ļ
Asia	192,032.6 13,352.7	*85,169.5 *3,130.5	6,920.8 281.1	7,155.4 323.1	6,133.6 261.2	5,756.4 205.4	6,739.8 245.5	6,185.4 216.6	6,956.0 227.2	6,278.3 221.4	7,005.4 239.7	7,679.3 262.5	7,776.7 256.5	8,622.0 303.1		
Europe do	153,409.7	*53,412.7	4,241.8 4,238.7	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		
Southern North America do South America do South America do	146,432.0 123,477.4 115,526.4	23.525.0	2,100.8	3,907.9 1,972.3 1,562.4	4,009.8 1,779.6 1,173.7	3,625.6 2,126.8 1,336.6	3,868.1 1,982.4 1,384.1	3,753.7 1,806.4 996.6	4,534.4 2,032.6 1,252.2	4,227.8 2,131.3 1,396.6	4,529.7 2,577.6 1,532.4	4,691.1 1,965.0 1,160.2		4,057.8 2,198.5 1,249.7		
By leading countries: Africa:																
Egyptdododo	1397.3 12,445.3	*547.2 *1,966.8	8.5 184.4	19.2 227.1	51.2 162.8	51.0 172.1	17.9 142.3	95.0 162.7	16.3 162.8	4.0 263.5	4.5 183.8	17.8 169.0	37.4 144.4	20.5 154.1	········	
Asia; Australia and Oceania: Australia, including New Guinea mil. \$. Japando	¹2,514.8 ¹37,612.1	*2,304.6 *37,743.7	203.1 2,904.2	252.7 3,274.0	172.3 2,695.1	154.4 2,486.2	196.0 2,953.2	158.1 2,894.4	169.7 3,440.2	147.6 3,080.2	164.1 3,461.1	175.4 3,283.8	168.6	223.1 3,633.8		 
Europe:	31,012.1	31,140.1	2,504.2	0,274.0	2,050.1	2,400.2	2,500.2	2,054.4	3,440.2	3,000.2	0,401.1	3,203.0	3,557.5	3,033.0		
France	15,851.4	1	410.1	414.0	469.8	452.7	670.2	434.8	471.9	492.8	517.9	497.0	469.6	500.6		<b> </b>
Federal Republic of Germany (formerly	147.7		l	3.3	3.2	2.9	5.4	5.7	5.3	5.3	3.4	3.5		1		
W. Germany) mil. \$dodo	15.189.0	*11,974.8 *5,301.4 *227.6	872.9 459.6	981.1 350.0	949.0 413.7	967.2 420.4	989.2 471.1	887.4 367.4	1,064.5 460.6	1,044.6 448.9	1,011.7 428.4	1,114.2 455.3		1,126.9 541.7		
Union of Soviet Socialist Republics do United Kingdom do	1347.5 112,834.6	*227.6 *13,094.8	27.6 1,079.6	34.8 1,483.0	8.9 1,037.3	7.1 1,181.4	22.7 1,021.2	25.1 774.9	20.0 897.8	25.2 922.1	16.4 1,227.8	16.5 1,032.3	7.8 1,129.7	72.1 1,318.0		
North and South America: Canada do	¹46,413.8	*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	Í	
Latin American republics, total # do	132,023.3	*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	,	3,032.0	i e	
Brazil do do do do	14,474.5 13,765.1	*15.565.9	374.8 1,448.9	427.5 1,299.9	315.4 1,219.1	440.1 1,418.7	430.6 1,285.9	336.2 1,194.8	331.6 1,328.8		421.8 1,695.5	351.7 1,363.7	395.7 1,295.0	439.8 1,491.4		
Venezuela	15,566.0	*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		
commodities: Agricultural products, total	117 003 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		ĺ
Nonagricultural products, total do	1244,301.4	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 #	¹3,138.3	*3,364.0	1,266.6 310.1	1,384.3 305.3	1,232.7 287.5	1,192.8 266.0	1,346.6 353.5	1,197.8 235.1	1,300.1 257.7	1,309.2 283.4	1,450.0 261.9	1,191.3 298.9	1,226.2 259.5	1,202.5 277.9	1,230.8 235.1	
Crude materials, inedible, exc. fuels # do  Mineral fuels, lubricants, etc		*8,589.4 *65,409.2	715.8	701.3	705.0	624.8	691.9	630.1	767.5	711.7	860.1	868.7	803.8	850.8	837.9	
Petroleum and products do	75,577.3 479.5	*59,396.4	5,200.6 4,741.4	5,946.5 5,486.9	5,037.4 4,419.7	5,467.6 4,843.7	5,141.6 4,440.6	3,704.4 3,001.7	3,864.9 3,260.6		5,033.2 4,655.4	4,767.3 4,333.4	4,802.3	5,359.6	5,571.3	l
Oils and fats, animal and vegetable do Chemicals do	19,445.9	9,493.5	24.4 869.7	32.2 827.0	32.3 739.3	28.9 751.8	38.5 859.9	30.1 867.1	32.0 1,011.0	30.1 896.7	32.0 927.6	35.9 838.2	39.6 827.0	47.1 886.7	43.5 845.0	
Manufactured goods # do Machinery and transport equipment do	1 69.627.2	*73,319.6	2,581.1 5,894.2	2,616.0 6,187.3	2,509.1 5,543.0	2,229.1 5,517.3	2,469.2 6,152.4	2,270.3 5,925.5	2,805.4 7,050.1	2,877.8 6,731.5	3,047.5 7,288.3	2,936.8 7,364.4			3,024.8 6,436.1	
Machinery, total #	138,212.2 131,415.2	*39,456.8	3,419.1	3,422.8	3,044.5	3,038.2 2,479.2	3,221.7 2,930.7	3,017.0 2,908.5	3,678.0 3,872.2		3,755.7 3,532.6	3,954.4	4,079.6	4,005.9		
Automobiles and parts do	26,216.9	29,360.6	2,202.1	2,436.6	2,178.6	2,163.0	2,482.4	2,605.4	2,988.6	2,762.2	3,252.7	3,119.0	2,689.6	2,573.9		

		<u> </u>														
Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown	1981	1982		19	82						19	83				
in the 1979 edition of BUSINESS STATISTICS	Anr	nual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
FC	REIG	N TR	ADE	OF T	HE U	JNIT	ED S	<b>FATE</b>	s_c	ontin	ued			·		
Indexes																
Exports (U.S. mdse., excl. military grant-aid): Unit value	¹150.8 ¹128.8	152.5	150.8 107.8		151.0		154.0		154.1	154.8 107.5	152.6	153.7	155.0	154.0	154.9	
Quantity do do do	1194.1	115.1 175.6	162.6	113.3 171.8	103.2 155.8		104.5 160.9		118.2 182.3	166.5	105.7 161.3	113.9 175.0	102.2 158.4	100.8 155.2	108.3 167.7	***************************************
General imports: do do do do	¹170.3 ¹105.2	167.5 99.9	164.1 101.3	166.2 105.2	164.1 95.3	164.2 93.8	163.6 101.4	162.0 89.4	162.2 103.1	160.7 101.5	158.9 113.7	160.2 111.9	158.7 112.0	160.8 118.1	160.9 111.2	
Quantitydo Value do Shipping Weight and Value	¹179.1	167.4	166.2	174.7	156.5			144.8		163.1	180.6	179.2	177.7	189.9	179.0	
Waterborne trade: Exports (incl. reexports):																
Shipping weight thous sh. tons Value mil. \$	¹406,796 ¹123,495	400,955 115,905	31,778 9,061	34,234 9,402	32,472 8,923		31,458 8,584	28,071 8,004	30,532 8,758	30,409 8,644	28,757 7,829	31,256 8,345			······	
General imports: Shipping weightthous. sh. tons Value	1464,420 1177,059	376,446 155,511	30,598 12,426	34,515 13,532	27,291 11,552	29,057 11,263	28,145	22,504 10,563	23,412	25,526	32,956 13,323	31,134 12,924				••••••
vaue mii. \$		LANSI				<u> </u>	12,407 OMM		11,616 CATT	11,161 ON	13,323	12,924	***************************************			
TRANSPORTATION					71 71											
Air Carriers (Scheduled Service)																
Certificated route carriers: Passenger-miles (revenue)	248.89 58.6	258.96 59.0	20.12 54.9	20.94 56.4	19.20 55.9	20.92 57.8	20.75 56.7	19.36 60.2	24.87 67.6	21.88 60.3	22.95 59.1	25.90 65.1	26.66 63.4	27.31 64.6		
Ton-miles (revenue), totalmil  Operating revenues (quarterly) # \$ mil. \$	31,949 36,211	32,754 36,013	2,583 9.834	2,716	2,527	2,717 8,546	2,571	2,462	3,119 8.422	2,777	2,895	3,213 9,570	3,293	3,366		
Passenger revenues	30,401 2,550	30,326 2,404	8,317 601			7,153 626			7,122 559			8,178 612				***************************************
Mail revenues	668 36,612 –500	705 36,715 –870	165 8,479 172			199 9,093 365	•••••••		162 9,074 -700			161 9,465 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	3,350 998	3,026 1,004	254 80	270 84	258 78	253 117	220 81	236 78	288 94	263 88	275 82	289 85	279 81	295 84		
Operating revenues (quarterly) § mil. \$ Operating expenses (quarterly) § do Net income after taxes (quarterly) § do	28,788 29,051 -348	28,730 29,466 -690	7,604 7,431 65			6,943 7,398 -182			6,898 7,567 –674			7,673 7,728 –81				
International operations: Passenger-miles (revenue) bil. Cargo ton-miles mill. Mail ton-miles do	50.17 2,335 376	49.43 2,430 399	4.51 205 31	4.91 235 34	3.25 233 36	3.57 208 47	3.66 166 30	2.93 184 29	3.62 217 33	3.84 206 32	4.54 210 34	5.46 217 32	6.21 235 32	6.34 224 32		
Operating revenues (quarterly) § mil. \$	*6,390 *6,574	6,435 6,454	1,912 1,777			1,513 1,611			1,431 1,428			1,804 1,655				
Net income after taxes (quarterly) § do Urban Transit Systems	*-166	-192	83	-		-188			-31			100			***************************************	***************************************
Passengers carried, totalmil	7,949	7,714	636	678	654	654	624	618	716	656	664	661	593	<b>*65</b> 8	653	
Motor Carriers  Carriers of property, large, class I, qtrly.: @																
Number of reporting carriers	100 716,135	100 15,404	100 3,937	***************************************		100 3,970			100 3,610			100 4,029		••••••		
charges and credits mil. \$ Tonnage hauled (revenue), common and contract	*293	308	48			154			32			121				
Freight carried—volume indexes, class I and II	,180	160	40	***************************************		40		•••••	36			41		***************************************	************	
intercity truck tonnage (ATA): Common and contract carriers of property (qtrly.) average same period, 1967=100		*************														
Common carriers of general freight, seas. adj	147.0	128.9	129.7	125.1	121.3	121.9	126.6	125.3	126.1	130.8	133.8	137.2	7139.9	140.0	*139.8	***************************************
Class I Railroads ‡ Financial operations, qtrly. (AAR), excl. Amtrak:	.						İ									
Operating revenues, total #	30,899 28,925 535	27,507 25,627 571	6,612 6,148 145			6,482 6,026 139			6,487 6,171 75			6,584 6,750 77	***************************************			
Operating expenses	28,560 1,386	26,473 767	6,500 114	*************		6,331 184			6,126 256			6,346 247		***************************************	***************************************	***************************************
Ordinary income	1,922	*1,202	161	••••••		436			173			255		***************************************		
Ton-miles of freight (net), total, qtrly	911.9 910.2 327.6	799.6 799.7	190.9 190.9	951 0	251.7	193.8 193.8	955 0		196.1 191.9			203.9 204.0			213.0	489.4
Travel	021.0	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
Hotels and motor-hotels:  Restaurant sales index same month 1967=100  Hotels: A research more sale	194 56.39	196 61.71	188 61.34	210 64.28	190 61.87	195 62.28	159 62.69	181 65.86	201 62.23	198	218	220	212	200		
Hotels: Average room sale \( \)	68 38.31	63 41.16	63 41.89	70 41.26	62 39.19	49 39.94	55 40.10	63 41.95	68 43.33	67.24 68 43.49	62.94 66 42.17	64.45 68 43.53	61.63 63 44.24	63.25 65 42.74		
Foreign travel:	67	64	62	65	58	49	58	68	71	69	68	72	72	69		
U.S. citizens: Arrivals (quarterly)thous  Departures (quarterly)do  Aliens: Arrivals (quarterly)do	8,905 9,978 11,976	*9,388 *10,275 *10,909	2,909 3,063 3,442			1,979 2,182 2,328			*42,210 *42,160 *42,110							
Departures (quarterly)	9,933 3,222	*9,047 3,664	2,829 236	223	228	2,328 2,027 288	384	314	*1,515 458	474	392	470	340	344	260	······································
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	P6,247	
oee roughtles at end of labies.																

Unless otherwise stated in free 1	1981	1982		19	82			<del></del>			10	983				
Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS		l		ı	J	Γ	<u> </u>				<u>-</u>			Γ.		
	<u> </u>	nual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
TR	ANSI	PORTA	ATIO	N AN	D CC	MM	JNIC	ATIO	N—C	ontin	ued	T			Γ	
COMMUNICATION Telephone carriers:														<u>}</u>		
Operating revenues # mil. \$dodo	66,499 28,117	73,808 31,678	6,291 2,712	6,327 2,736	6,310 2,745	6,005 2,730	6,215 2,750	6,198 2,744	6,628 2,735	6,485 2,760	6,498 2,760	6,542 2,775	6,504 2,750	6,558 2,725		
Tolls, message do  Operating expenses (excluding taxes) do  Net operating income (after taxes) do  Phones in service, end of period	26,507 44,593 11,910 164.9	28,099 51,269 11,951 157.8	2,338 4,366 987 161.4	2,334 4,417 986 160.8	2,308 4,481 961 159.5	2,342 4,592 740 157.8	2,294 4,125 1,069 156.3	2,138 4,113 1,081 156.2	4,704 3,929 1,420 155.4	2,331 4,299 1,139 154.5	2,358 4,378 1,094 153.4	2,352 4,443 1,043 146.8	2,311 4,325 1,123 144.6	2,498 4,332 1,158 142.5		
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	623.8 112.7	678.7 86.8	<b>69.6</b> <b>-</b> 7.0	54.3 8.4	56.4 6.1	58.0 7.9	57.1 6.4	55.8 5.8	59.4 10.9				••••••			
Operating revenues do Operating expenses do Net operating revenues (before taxes) do	577.7 435.3 117.0	607.7 495.2 83.7	51.9 43.1 4.0	50.3 42.6 5.3	50.2 42.9 4.5	49.9 45.8 3.9	50.8 42.7 5.1	48.9 41.7 4.6	54.8 43.8 8.4							
		CHE	MICA	LS A	ND A	LLIE	D PF	RODU	CTS							
CHEMICALS																
Inorganic Chemicals Production:											İ					
Aluminum sulfate, commercial (17% Al <sub>2</sub> O <sub>3</sub> ) ‡ thous. sh. tons	1,294	1,183	99	84	_96	96	80	86	103	87	100	107	87	117		
Chlorine gas (100% Cl <sub>2</sub> ) ‡	10,767 2,502 426	9,136 2,490 361	684 183 29	756 193 31	734 189 30	708 182 28	787 203 30	759 217 27	812 222 32	810 188 30	848 198 31	806 226 30	872 *220 27	883 235 30	***************************************	***************************************
Sodium hydroxide (100% NaOH) †	10,414 788 1,077	9,225 650 895	696 53 70	768 56 72	752 59 <b>6</b> 8	722 41 74	824 47 75	789 50 79	840 61 76	850 57 70	881 74 76	816 65 62	895 757 63	884 58 73		
Sodium tripolyphosphate (100% Na <sub>2</sub> P <sub>3</sub> O <sub>10</sub> ) ‡ do  Titanium dioxide (composite and pure) ‡ do	696 761	630 635	51 58	56 51	55 54	52 50	62 54	48 60	53 61	51 68	50 59	53 65	60 •62	62 61		
Sulfur, native (Frasch) and recovered: Productionthous. lg. tons Stocks (producers') end of period do	¹10,440 3,577	¹8,478 4,136	651 4,229	643 4,160	658 4,199	663 4,136	639 4,074	572 3,957	667 3,805	635 3,701	661 3,634	636 3,658	668 3,662	"674 "3,600	679 3,504	•
Inorganic Fertilizer Materials	3,011	4,100	4,220	4,100	4,133	4,130		3,501	3,000	3,701	3,002	3,000	0,002	3,000	3,004	***************************************
Production: Ammonia, synthetic anhydrous ‡							····									
thous. sh. tons  Ammonium nitrate, original solution †	19,076 8,937 *2,194 9,077	15,500 7,331 1,789 7,588	1,196 516 141 558	1,167 559 145 608	1,137 564 125 614	1,156 552 128 580	1,117 592 *121 630	1,065 564 154 595	1,264 647 165 712	1,182 607 160 650	1,140 581 177 626	1,011 506 161 551	975 '420 170 '505	1,096 384 162 476	***************************************	
Nitrogen solutions (100% N) †	3,177 9,922 40,742	*2,427 8,524 32,680	*211 749 2,808	*134 802 2,940	*151 682 2,755	*137 780 2,760	*147 749 2,658	*150 807 2,830	*235 922 3,142	4228 895 2,983	242 754 2,757	*179 650 2,451	*149 731 *2,551	*213 807 2,733		***************************************
Superphosphate and other phosphatic fertilizers (100% P <sub>2</sub> O <sub>3</sub> ):  Production thous. sh. tons	³16,903	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	*1,068 6,478	892 5,186	909 389	881 358	883 313	892 495	818 431	773 383	688 543	820 458	1,069 627	1,023 474	71,017 326	810 597	*691	***************************************
Exports, total # do Nitrogenous materials do Phosphate materials do Potash materials do	22,391 2,834 13,308 1,203	20,337 2,645 11,997 1,218	1,756 229 1,013 158	1,580 207 982 64	1,912 139 1,177 172	1,193 125 684 55	2,504 122 1,714 125	1,755 131 1,124 27	1,937 182 1,289 63	1,933 219 1,258 48	1,568 161 1,122 33	1,983 247 1,127 93	1,787 148 1,194 48	1,892 134 1,126 97	2,113 167 1,444 93	
Imports: Ammonium nitrate	264	262	16	17	15	12	26	16	34	44	39	12	22	15	38	
Ammonium sulfate	8,601 159	7,154 131	25 504 (*)	661 0	28 489 15	25 584 9	54 674 0	13 461 0	860 9	765 23	18 679 16	16 403 22	396 7	29 717 8	629 3	
Industrial Gases										1	Ì					
Production: Acetylene \$ mil. cu. ft Carbon dioxide, liquid, gas, and solid thous. sh. tons	5,161 *3,813	3,946 *3,687	271 *295	257 312	253 *297	254 *300	237 *291	228 *271	248 •292	265 *278	311 5284	253 *309	249 *323			
Hydrogen (high and low purity) ‡mil. cu. ft  Nitrogen (high and low purity) ‡do  Oxygen (high and low purity) ‡do	103,278 490,285 430,610	91,305 483,781 357,943	7,276 40,190 27,241	8,014 41,163 27,419	7,191 39,330 27,109	7,849 40,150 26,006	7,929 43,243 27,466	7,893 41,479 27,701	8,098 45,317 29,052	8,251 45,019 28,659	8,173 46,506 28,668	8,209 43,886 28,014	8,513 44,643 29,302			
Organic Chemicals § Production:											ļ					
Acetylsalicylic acid (aspirin)mil. lb Creosote oilmil. gal Ethyl acetate (85%)mil. lb	129.7 181.9 1277.1	*123.4 *136.3 *1235.4	6.6 19.2	2.0 4.3 12.9	10.3	18.7	2.7 4.5 21.2	2.4 5.6 20.3	2.7 5.6 27.7	2.7 6.2 10.6	2.4 6.8 15.0	2.2 7.9 15.2	2.5 5.7 14.2	2.4 6.8 15.0		
Formaldehyde (37% HCHO)         do           Glycerin, refined, all grades         do           Methanol, synthetic         mil. gal.           Phthalic anhydride         mil lb.	15,720.7 299.1 11,291.7 1869.5	"4,816.5 229.5 "1,137.7 "684.4	394.6 18.7 77.3 69.0	427.5 21.5 94.3 54.4	382.4 21.5 83.2 58.7	307.0 13.8 97.1 48.0	409.7 23.7 88.7 57.7	417.8 22.9 75.3 60.6	470.2 22.0 76.3 72.7	490.5 16.4 90.4 71.7	461.5 21.1 93.4 69.7	442.9 26.1 91.8 80.3	415.0 19.9 97.5 69.5	437.3 °20.2 77.9 63.5	22.3	
ALCOHOL			-5.0	- 2.4	-5	-5.0		-3.0		-2	55		-5.0	33.0		
Ethyl alcohol and spirits:  Production	571.2 83.3	601.1 82.1	53.3 49.1	61.9 48.1	61.6 45.5	65.0 82.1	60.8 76.7	58.6 69.9	59.4 69.8	46.0 58.3	56.5 58.8	60.2 50.9	63.8 60.1			
Denatured alcohol: Production	230.7 227.1	282.9 275.8	25.6 25.5	23.7 23.6	31.9 28.8	35.3 34.6	35.1 34.5	36.5 29.7	30.0 23.5	28.2 30.6	33.7 36.1	30.4 32.5	31.2 32.3			
Stocks, end of period	5.4	6.5	4.01	3.91	5.7	6.5 l	7.41	15.5	19.1	11.9	8.8	7.7 (	4.71		I	***************************************

Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown	<del> </del>	1982		19	62						19	63				
in the 1979 edition of BUSINESS STATISTICS	Anı	nual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
	CHE	MICAI	S AN	ND A	LLIE	D PR	<b>ODU</b>	CTS-	-Cont	inue	1					
PLASTICS AND RESIN MATERIALS												-				
Production: Phenolic resinsmil. lb	1,688.0	<sup>r1</sup> 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 Polypropylene do	12,603.6 14,007.8	<sup>71</sup> 12,548.0	1,053.7 280.4	998.4 287.5	1,020.1 311.0	1.083.4	1,092.9 351.3	1,050.3 351.5	1,137.1 345.8	1,139.1 337.8	1,157.0 363.0	1,143.3 386.3	1,188.8 376.1	1,136.7 353.1		
Polystyrene and copolymers	15,915.2 15,618.4	15,608.6	460.5 481.0	434.0 454.9	421.1 452.4	352.1 405.5	405.8 392.6	432.2 452.0	489.6	459.5 478.1	463.3 513.2	469.4 535.3	433.7 492.7	432.3 454.8		
MISCELLANEOUS PRODUCTS	0,010.4	0,007.2	401.0	101.0	702.4	400.0	002.0	402.0	543.5	4/0.1	010.2	000.0	104.1	202.0		
Explosives (industrial), shipments, quarterly																
Paints, varnish, and lacquer, shipments: ♦ mil. lb	3,003.6	2,514.9	582.9			569.9			487.5			537.5			589.8	***************************************
Total shipments mil. \$ Architectural coatings do	3,065.6	7,112.6 3,113.4	660.2 290.6	550.3 225.8	485.0 184.0		538.8 231.6	7569.9 256.5	722.8 342.8	744.8 346.1	'802.4 380.3	1893.5 454.8	763.4 367.1	849.4 392.8		
Product finishes (OEM) do Special purpose coatings do	2,763.5 1,326.2	2,598.4 1,400.8	243.9 125.7	211.2 113.3	202.3 98.6	178.4 83.6	*196.8 *110.4	"202.9 "110.5	*247.8 *132.2	°254.5 °144.3	'269.8 '152.3	"280.4 "158.2	"244.3 "152.0	283.4 173.3		
			ELEC	TRIC	PO	VER	AND	GAS								
ELECTRIC POWER																
Production: Electric utilities, totalmil. kwhr		2,241,211		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 By waterpower do	2,034,129 260,684	1,931,998 309,213		153,215 19,750	150,081 23,297	156,962 27,760	166,361 29,318	144,536 27,950	152,193 30,302	140,401 29,988	143,210 31,193	160,353 30,692	192,041 28,033	203,649 25,824		
Sales to ultimate customers, total (Edison Electric	'2,150,674	r*2,093,592	7549,610			*500 774			F00 F40			E01 640				
Institute) ‡ mil. kwhr Commercial § do	*521,698	r2514.087	140,508			*500,774 *124,488	•••••		526,540 125,226			501,648 123,083				***********
Industrial §	'819,641 '4,206	12770,670 124,288	"194,200 "1,174			*186,591 *1,007			187,908			199,884 953				***********
Residential or domestic do	1730,479	**729,240	*194,893		•••••	170,052			193,729			160,273		***************************************		
Street and highway lighting	*14,683 *53,737	**14,188 ***55,729	"3,358 "14,047			'3,757 '13,528			3,752 13,524			3,170 12,999				
Interdepartmental	*6,230	**5,390	'1,4 <b>3</b> 0			'1,351			1,211			1,286				
Electric Institute) ‡ mil. \$	'111,016	r <b>*</b> 121,127	'33,161			<b>'29,219</b>			30,803			29,515				
GAS											ļ	ĺ	'			
otal utility gas, quarterly (American Gas Association):											į					
Customers, end of period, totalthous  Residential	48,013 44,209	48,418	47,894 44.116			48,418 44,567			48,918 44,996			************				
Commercial do	3,570	44,567 3,620	3,546			3,620		••••••	3,689			***************************************				
Industrial	186 48	183 48	184 48			183 48			184 48	•••••						
Sales to customers, total tril. Btu	15,380	14,157	2,399			3,302			4,319							•••••
Residential do Commercial do	4,601 2,360	4,733 2,444	405 285			1,151 614			1,906 925							
Industrial	8,220 199	6,769 212	1,670 39	•		1,483 54			1,418 69							
Revenue from sales to customers, total mil. \$	56,340	63,362	10,789			16,179			22,572							
Residential do Commercial do	19,218 9,231	23,665 11,538	2,395 1,409			6,406 3,175			10,752 4.996							
Industrial do Other do	27,246 645	27,296 864	6,832 152			6,361 237		***************************************	6,475							
		OD A		INDI	RED		DUCT	S: TO		CO						
ALCOHOLIC BEVERAGES																
Beer: Productionmil. bbl	193.69	r195.01	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 Stocks, end of period do	176.70 12.95	176.57 13.22	14.88 13.99	13.83 14.00	13.14 13.43	12.27 13.22	12.79 13.89	12.66 14.46	15.07 16.05	15.49 16.21	16.84 15.84	17.01 15.82	16.85 15.73	17.35 14.98		
Distilled spirits (total):								1		Į		- 1				
Production mil tax gal Consumption, apparent, for beverage	152.03	138.07	10.50	14.68	13.95	11.24	11.14	10.91	12.89	11.82	11.19	9.23	5.62			
purposes ‡	*449.45 613.78	*437.66 604.43	34.93 604.93	36.33 605.53	43.13 603.68	51.68 604.43	129.82 605.23	29.00 605.87	36.27 606.81	33.81 609.20	33.99 605.58	38.51 604.56	32.14 566.89		7.35	
Imports mil. proof gal Whisky:	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	••••••
Production ‡ mil. tax gal Stocks, end of period ‡ do	96.68 541.07	91.25 533.39	6.66 539.59	8.31 536.00	7.73 533.69	6.63 533.39	6.56 532.96	7.52 534.57	9.39 535.38	8.73 537.72	7.47 533.41	6.20 535.11	3.51 500.07			
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	
vines and distilling materials: Effervescent wines:																
Productionmil. wine gal Taxable withdrawals	30.73 27.27	730.78 29.03	3.39 1.90	3.77 6.55	2.70 2.85	2.50 3.99	2.80 1.45	2.16 1.01	2.27 2.28	3.23 1.14	2.84 3.67	3.15 1.78	3.26 1.39			••••••
Stocks, end of period do Imports do	11.53 7.66	13.15 8.35	16.52 0.71	14.64 0.81	14.02 1.13	13.15 1.29	14.31 1.01	15.16 0.51	15.14 0.62	17.18 0.77	16.81 0.72	17.08 0.80	19.64 0.74	0.69	0.84	
Still wines:	100.00	,,,,,,	100 00	999.54			,,,	ĺ	أيي	اء. ۽	أمدم					
Production ‡	466.23 363.64	'554.31 '398.60	162.79 27.10	229.61 34.14	72.07 71.06	23.64 29.58	7.50 25.16	6.12 26.42	5.58 33.06	5.45 32.56	6.10 31.54	6.83 33.67	4.33 28.26			•
Stocks, end of period ‡	604.41 107.60	695.27 113.79	512.20 9.93	702.10 9.13	705.62 11.94	695.27 11.47	670.70 12.42	654.75 7.78	620.77 8.41	583.98 8.58	554.34 9.35	511.61 10.87	487.30 9.68	9.49	9.72	
Distilling materials produced at wineries 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	İ		
ee footnotes at end of tables.																

Inless otherwise stated in footnotes below, data prough 1978 and descriptive notes are as shown	1981	1982		198	32					_	198	83				
n the 1979 edition of BUSINESS STATISTICS	Ann	ual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
FO	OD A	ND KI	NDR	ED P	ROD	UCTS	; <b>TO</b> I	BACC	CO—C	ontin	ued					
DAIRY PRODUCTS																
utter, creamery: Production (factory) @	1,228.2 429.2 11.535	1,257.0 466.8 (*)	256.4 510.0			300.0 466.8	°133.9 °485.4	120.7 527.9	126.1 533.1	126.5 549.7	121.1 576.1	109.6 588.5	94.7 588.4	83.9 581.8	84.2 555.3	
heese: Production (factory), total @mil. lb American, whole milk @do	4,277.6 2,642.3	4,539.8 2,750.5	1,121.3 673.2			1,141.5 655.7	°374.9 °233.2	352.6 216.3	416.9 255.7	408.1 261.4	429.2 278.1	436.0 279.8	400.6 257.7	380.7 232.3	375.1 213.3	
Stocks, cold storage, end of period	709.6 623.0 247.7	963.5 880.8 269.3	864.3 765.1 25.6	24.6	28.7	963.5 880.8 46.8	°1,015.5 °928.2 24.4	1,073.5 985.0 17.5	1,103.2 1,017.9 22.6	1,116.7 1,030.8 22.1	1,121.8 1,031.3 22.8	1,143.8 1,041.9 16.6	1,191.4 1,081.0 20.1	1,227.7 1,120.0 21.1	1,262.5 1,149.4 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	1.6
ondensed and evaporated milk:  Production, case goods @	757.9 46.0	734.9 51.9	184.0 103.3			181.6 51.9	°54.5 °51.4	51.7 51.4	57.4 48.4	59.7 60.7	61.6 74.6	62.0 75.7	54.4 94.0	51.2 101.5	48.9 94.1	
Exports	34.9		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	
luid milk: Production on farms ‡	133,013 76,391 13.80	135,795 79,098 13.60	33,983 19,470 13.60	13.80	13.90	32,854 18,445 13.90	°11,292 6,760 13.80	10,627 6,400 13.80	12,036 7,409 13.60	11,933 7,293 13.50	12,487 7,672 13.30	12,033 7,788 13.20	11,894 7,160 13.20	11,639 6,762 13.30	11,309 6,374 13.50	11,3 P13.
ry milk: Production: Dry whole milk @mil. lb Nonfat dry milk (human food) @do	92.7 1,314.3	102.2 1,400.6	22.4 339.0			24.3 296.9	*8.5 *117.7	7.6 115.7	10.5 135.0	9.1 137.2	9.0 156.8	8.8 157.8	7.9 145.7	9.0 127.5	9.1 104.6	
Stocks, manufacturers', end of period: Dry whole milk	6.0 86.7	6.0 93.3	7.3 89.8			6.0 93.3	°5.0 °84.4	3.8 92.5	5.0 81.4	5.0 89.5	5.4 99.0	5.8 91.2	5.9 99.2	4.9 85.8	4.4 69.7	
Exports, whole and nonfat (human food) do  Price, manufacturers' average selling, nonfat dry milk (human food) \$ per lb	198.0 0.939	187.8 10.936	13.7	12.1	22.4	10.4	19.5 100.940	2.9 0.942	27.9 0.942	23.6 0.943	22.9 0.941	33.0 0.940	19.0 0.939	22.9 0.940	47.3 0.936	ì
GRAIN AND GRAIN PRODUCTS	3,918.3	2 504 0	245.8	268.7	269.1	964.0	329.4	2100	210.0	279.8	0545	275.1	248.9	220.3	005.6	
xports (barley, corn, oats, rye, wheat) mil. bu arley: Production (crop estimate) 🔷	²479.3	3,524.8 <sup>2</sup> 522.4	245.8	200.1	209.1	264.9	329.4	318.2	310.9	219.8	254.5	2/5.1	248.9	220.3	285.6	*53
Stocks (domestic), end of period, total ‡ do On farms ‡	333.1 231.2 101.9	418.1 293.9 124.2	501.4 353.4 148.0			418.1 293.9 124.2			296.7 198.5 98.2		4222.8 4142.9 479.9				524.7 351.1 173.6	
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	
Orn.  Production (crop estimate, grain only) O. mil. bu  Stocks (domestic), end of period, total ‡	28,201.6 6,967.7 5,033.8 1,933.8	28,397.3 8,423.8 6,156.9 2,266.9	\$2,285.9 \$1,356.0 \$929.9			8,423.8 6,156.9 2,266.9			6,364.4 4,411.0 1,953.4		35,081.0 33,250.8 31,830.2				*3,140.0 *1,536.1 *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		169.6	157.6	149.1	151.2		119.4	142.9	1
lats:  Production (crop estimate)	<sup>2</sup> 509.2 365.2 314.1	397.9	581.3 486.0			473.7 397.9			332.5 272.5		*229.2 *190.6				502.3 423.1	*47
Off farms do  Exports, including oatmeal do  Price, wholesale, No. 2, white (Minneapolis)  S per bu	51.1 12.8	75.8 5.8	95.3 0.3	0.8	0.2	75.8 0.3	0.1	0.2	59.9 0.1	0.3	*38.6 0.3	0.2	0.4	0.3	79.2 0.1	
tice: Production (crop estimate)mil. bags #	²182.7	²154.2														*10
California mills: Receipts, domestic, roughmil. lb Shipments from mills, milled ricedo	3,359 2,267	°2,913 1,619	76 110	505 81	°273 63	139 47	140 103	189 162	145 152	240 166	105 186		213 122	393 309	300 263	
Stocks, rough and cleaned (cleaned basis), end of period	510 10,821	503 11,482	108 3,278	369 1,507	462 714	503 720	491 588	428 712	385 526	381 357	268 325		246 135	269 951	211	
Shipments from mills, milled rice	7,354	7,020	615 2,826	3,276	542 3,232	550 3,170	403 3,186	569 3,064	668 2,684	495 2,451	529 1,757	672	458	°450 1,146	535 2,162	
Exports	6,801 0.256	5,516 0.166	320 0.165	431 0.165	199 0.155	307 0.180	241 0.170	316 0.165	490 0.165	446 0.165	438 0.170		1	488 0.175	624 0.175	
ye: Production (crop estimate) mil. bu Stocks (domestic), end of period ‡ do	<sup>2</sup> 18.8 7.9	<sup>2</sup> 20.8 10.9	16.5			10.9			8.0		46.4				(11)	84
Vheat: Production (crop estimate), total mil. bu Spring wheat do	<sup>2</sup> 2,799 <sup>2</sup> 695															*2,
Winter wheat do  Distribution, quarterly @@ do  Stocks (domestic), end of period, total ‡do	<sup>2</sup> 2,104 2,526 2,178.0	2,473	*987 2,987.1			470 2,520.5			646	1	41,543.2	<sup>6</sup> 336			2,952.7	*1,
On farms ‡ do Off farms do	955.6 1,222.4	1,166.1 1,354.5	1,421.0 1,566.0			1,166.1 1,354.5			886.3 990.7		4694.8 4848.3				1,238.5 1,714.1	
Exports, total, including flour			132.4 130.8	99.9 98.5	96.0 94.1	88.9 88.5	146.8 143.1		137.4 131.1		102.7 95.3			94.7 87.5	127.6 119.2	

Unless otherwise stated in footnotes below, data	1981	1982		19	82						19	83			_	
through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	Ann	nual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
FO	OD A	ND KI	NDR	ED P	ROD	UCTS	5; <b>TO</b>	BACC	00—0	Conti	nued					
GRAIN AND GRAIN PRODUCTS—Continued	,															
Wheat flour:         Production:         thous. sacks (100 lb.)           Flour:         thous. sacks (100 lb.)         thous. sh. tons           Grindings of wheat †         thous. bu         Stocks held by mills, end of period	283,966 5,045 634,381	284,965 5,137 640,158	24,213 435 54,340	24,965 450 56,328	23,867 429 53,778	24,473 441 54,783	24,425 445 54,765	23,393 425 52,713	26,787 488 59,111	24,118 438 53,866	25,759 460 58,064	25,088 449 56,734	<sup>r</sup> 24,700 <sup>r</sup> 445 <sup>r</sup> 55,238	28,972 540 65,138		
thous. sacks (100 lb.)  Exports	3,460 15,839	4,276 14,518	3,563 698	593	824	4,276 185	1,587	3,734	3,760 2,692	4,256	3,193	3,490 4,172	3,293	3,095	3,621	
Spring, standard patent (Minneapolis) \$ per 100 lb Winter, hard, 95% patent (Kans. City) do POULTRY AND EGGS	10.844 10.347	10.545 10.600	10.475	10.388	10.463	10.450	10.163 10.200	10.300	10.753	10.813	10.950	11.213	(3) (3)			
Poultry: Slaughtermil. 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	<sup>r</sup> 1,435	1,326	
Stocks, cold storage (frozen), end of period, total mil. lb Turkeysdo	392 238	345 204	565 436			345 204	²329 ²194	313 188	326 185	346 192	357 210	410 256	480 323	532 384	568 425	
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 \$ Stocks, cold storage, end of period:	194.0	193.6			48.4		²16.4	14.8	16.4	15.5	15.8	15.3	15.6	15.6	15.1	
Shell thous cases §  Frozen mil. lb  Price, wholesale, large (delivered; Chicago)	35 22	34 25	29 28			34 25	<sup>2</sup> 35 <sup>2</sup> 28	25 28	18 25	23 24	32 23	23 23	24 21	25 19	24 16	
\$ per doz LIVESTOCK	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
Cattle and calves: Slaughter (federally inspected): Calvesthous. animals Cattle do	2,478 32,819	2,729 33,907	692 8,770			726 8,762	<sup>2</sup> 221 <sup>2</sup> 2,893	204 2,554	246 2,828	202 2,615	194 2,820	211 2,992	214 2,736	262 3,220	258 3,160	
Prices, wholesale:  Beef steers (Omaha)\$ per 100 lb Steers, stocker and feeder (Kansas City) do Calves, vealers (So. St. Paul)	63.84 64.26 77.25	64.30 62.79 77.70	61.25 63.55 84.60	58.78 62.21 75.00	58.91 61.24 75.00	59.82 59.17 78.40	59.33 63.70 75.88	61.20 66.34 75.00	64.03 66.71	67.70 65.90 77.12	67.51 63.88 76.00	65.90 60.41 71.00	62.22 58.21 75.00	61.27 59.58 75.00	59.19 55.81 73.38	59.58 56.97 66.75
Hogs: Slaughter (federally inspected) thous. animals Prices:	87,850	79,328	18,310			20,068	²6,421	5,762	7,339	7,010	6,816	6,928	6,270	7,082	7,268	
Wholesale, average, all weights (Sioux City) \$ per 100 lb Hog-corn price ratio (bu. of corn equal in value	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	
to 100 lb. live hog)	14.9 5,789	6,273	28.5 1,577	28.2	24.6	23.7 1,634	23.4 <sup>2</sup> 509	21.9 457	18.6 617	16.0 508	15.1 508	14.4 508	13.9 497	13.9 585	'13.3 595	
\$ per 100 lb MEATS	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
Total meats (excluding lard): Production	38,675 578 1,847 1,832	37,266 554 1,566 2,015	9,165 474 112 246	133 194	143 124	9,659 554 115 114	<sup>2</sup> 3,151 <sup>2</sup> 573 114 208	2,786 571 104 177	3,268 581 136 170	3,038 603 133 178	3,146 614 115 187	3,276 591 118 176	2,985 570 121 189	3,439 544 99 181	3,436 535 130 171	
Beef and veal:         do           Production, total         do           Stocks, cold storage, end of period         do           Exports         do           Imports         do	22,629 266 486 1,317	22,789 302 540 1,446	5,837 254 42 194	52 146	56 67	5,928 302 43 69	<sup>2</sup> 1,961 <sup>2</sup> 310 44 153	1,738 315 42 127	1,929 306 55 112	1,758 285 46 123	1,890 272 40 131	1,999 261 44 122	1,838 259 46 134	2,155 275 42 128	2,129 277 58 117	
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, totalmil. lb Stocks, cold storage, end of perioddo	328 11	356 9	88 9			93 9	<sup>2</sup> 30 <sup>2</sup> 8	27 8	36 8	30 8	30 9	29 9	28 8	33 9	33 9	
Pork (excluding lard):         mil. lb.           Production, total         mil. lb.           Stocks, cold storage, end of period         do           Exports.         do           Imports.         do	15,719 264 347 432	14,121 219 282 498	3,240 183 16 44	 17 43	22 51	3,638 219 19 40	<sup>2</sup> 1,159 <sup>2</sup> 224 15 50	1,021 216 18 42	1,303 235 21 49	1,250 273 32 48	1,227 293 22 47	1,249 280 22 46	1,119 253 19 46	1,251 214 16 45	1,274 209 16 45	
Prices, wholesale: Hams, smoked #Index, 1967=100 Fresh loins, 8-14 lb. average (N.Y.) \$ per lb MISCELLANEOUS FOOD PRODUCTS	266.5 1.137	°306.3 1.277	327.5 1.415	342.7 1.349	342.0 1.232	353.2 1.229	330.6 1.291	324.1 1.369	315.2 1.219	290.1 1.180	281.5 1.162	*275.5 1.173	268.5 1.144	272.2 1.156	279.2 1.129	
Cocoa (cacao) beans: Imports (incl. shells)thous. lg. tons Price, wholesale, Accra (New York) \$ per lb	245.0 1.085	194.2 0.924	14.3 0.870	14.4 0.880	14.4 0.820	17.4 0.850	46.0 0.910	42.7 1.020	19.0 0.990	3.8 0.960	14.4 1.000	11.1 1.200	9.6 1.100	7.2 1.220	6.1 1.050	1.108
Coffee (green): Inventories (roasters', importers', dealers'), end of periodthous. bags &. Roastings (green weight)do	( <sup>3</sup> ) ( <sup>3</sup> )															
Imports, total do From Brazil do Price, wholesale, Santos, No. 4 (N.Y.) \$ per lb. Confectionery, manufacturers' sales @ mil. \$	16,555 3,243 1.594 5,171	17,416 3,372 1.420 5,582	1,640 412 1.450 622	2,005 445 1.450 583	1,356 196 1.330 521	1,602 346 1.330 479	1,556 384 1.330 (*)	1,332 310 1.330	1,373 232 1.330	1,253 259 1.415	1,502 292 1.415	1,034 229 1.415	1,319 246 1.415	1,230 310 1.430	1,532 344 1.430	
Fish: Stocks, cold storage, end of periodmil. lb See footnotes at end of tables.	350	383	380	379	386	383	347	306	298	285	294	318	369	416	r420	▶429

Unless otherwise stated in footnotes below, data	1981	1982		198	32						19	83				
through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	Anr	ıual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
]	FOOD	AND	KINI	ORED	PRO	DUC	CTS; 7	ГОВА	.cco-	–Con	ıt.					
MISCELLANEOUS FOOD PRODUCTS—Cont.												Ï				
Sugar (United States): Deliveries and supply (raw basis): §																
Production and receipts: Production thous. sh. tons	5,157	(4)														]
Deliveries, total do	10,922	( <del>4</del> )														
For domestic consumption do Stocks, raw and ref., end of period do	9,731 3,311	8														
Exports, raw and refinedsh. 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	(4)														
Refined (excl. excise tax) do	0.303	(4)													15.005	
TOBACCO	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	
Leaf:																
Production (crop estimate)mil. lb Stocks, dealers' and manufacturers',	12,064	11,982					************									*1,38
end of period ‡	5,080 575,255	5,371 562,260	5,034 24,805	74,480	92,236	5,371 50,528	24,189	38,339	5,290 45,958	43,953	33,631	4,990 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 3,258	614,017 3,056	56,655 291	54,068 259	49,538 261	33,075 220	48,686 229	42,701 197	54,360 255	47,466 216	47,854 261	60,448 299	42,985 211	54,516 309		
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	
			LEA'	THE	R AN	D PR	ODU	CTS								
LEATHER																
Exports:	192,193	159,804	10.417	11.040	0.700	10.7700	11.050	10.450	15.050	15 000	10.400	14 000	12,013	13,099	10 715	
Upper and lining leatherthous. sq. ft  Price, producer:	102,100	105,604	10,417	11,842	9,726	10,786	11,052	12,453	15,078	15,200	13,492	14,868	12,013	10,055	12,715	***********
Sole, bends, light index, 1967=100	²306.7															
LEATHER MANUFACTURES																l l
ootwear: Production, totalthous 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 Athletic do	74,662 15,976	67,704 16,637	6,327 1,392	6,620 1,580	5,911 1,334	3,890 1,391	5,133 1,537	5,138 2,196	5,723 1,888	4,616 1,683	5,176 1,669	5,020 1,313	3,021 704	5,811 1,176		
Other footwear	3,556	4,030	354	394	365	267	433	447	534	561	540	446	346	308		
Exportsdo	9,688	7,717	595	649	635	536	497	436	637	553	486	546	520	591	506	
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	r107.6	107.6	107.8	107.9	107
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	1222.6	221.6	221.9	224.4	224
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
			LUM	<b>IBER</b>	ANI	) PR	ODU	CTS								
LUMBER—ALL TYPES #																
National Forest Products Association: Production, totalmil. bd. ft	³29,592	³26.960	2,445	9999	9 9 4 7	9,004	0 404	9 401	2,682	9 600	9 6 4 5	9710	9 505	2,714		
Hardwoods do	\$6,835 22,757	35,077 21,883	2,445 393 2,052	2,333 400 1,933	2,247 391 1,856	2,004 337 1,667	2,484 397 2,087	2,481 412 2,069	2,682 394 2,288	2,623 374 2,249	2,645 396 2,249	2,718 444 2,274	2,585 458 2,127	2,714 504 2,210		
Shipments, total	<sup>3</sup> 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 doSoftwoods do	36,655 22,836	35,261 21,902	396 1,864	407 2,099	398 1,955	360 1,802	419 2,016	437 1,853	435 2,197	452 2,231	431 2,344	452 2,312	465 2,072	498 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 Softwoods do	1,945 3,982	1,761 3,963	1,799 4,364	1,789 4,179	1,783 4,098	1,761 3,963	1,735 4,035	1,699 4,251	1,655 4,342	1,564 4,360	1,556 4,268	1,542 4,230	1,532 4,285	1,534 4,324		
exports, total sawmill products	0.510	0.401		750		701	070		1.055		1 150	1.000	1.040	1.000	1.057	
mports, total sawmill products do SOFTWOODS	9,518	9,421	962	758	916	781	879	933	1,055	885	1,153	1,099	1,048	1,090	1,057	
Oouglas fir:				_												
Orders, newmil. bd. ft Orders, unfilled, end of period	6,393 429	5,976 612	477 502	567 510	568 572	533 612	683 707	505 666	656 698	635 684	714 692	675 648	584 636	543 567	717 639	
Production do	6,395	5,743	509	487	505	448	642	612	697	682	693	644	613	583	671	
Shipments	6,463 844	5,793 862	470 980	559 908	506 907	493 862	588 916	546 982	624 1,055	649 1,088	706 1,075	719 1,000	596 1,017	612 988	645 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	

Unless otherwise stated in footnotes below, data	1981	1982		198	32						19	83				
through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	Ann	ıual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
		LUM	BER	AND	PRO	DUC	TS—(	Conti	nued							
SOFTWOODS—Continued							-		-							
Southern pine: Orders, newmil. bd. ft	¹6,128	¹6,016	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 Shipments do	16,143 16,129	16,186 15,996	643 534	563 570	513 515	505 485	521 552	515 476	561 573	550 570	584 615	594 579	570 555	598 586		
Stocks (gross), mill and concentration yards, end of periodmil 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 productsthous. 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.																ı
1967 = 100 Flooring, C and better, F. G., 1" x 4", S.L. 1967 = 100																
Western pine: Orders, newmil. 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 7,261	324	355 592	364 594	363 587	324 495	390 601	389 636	422 710	426	439	432 767	413	409	444 789	
Production do Shipments do	7,342	6,681 6,775	578	662	651	554	595	569	685	713 705	722 768	735	705 673	784 721	779	
Stocks (gross), mill, end of period do  Price, wholesale, Ponderosa, boards, No. 3,	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	••••••
1" x 12", R.L. (6' and over)\$ per M bd. ft																
HARDWOOD FLOORING Oak:			· ·													
Orders, unfilled, end of periodmil. bd. ft Shipmentsdodo	2.8 83.1	4.8 75.0	2.7 7.3	2.8 6.7	3.4 6.3	4.8 6.2	6.7 8.0	6.4 6.5	6.5 8.7	6.4 8.5	6.5 8.4	7.5 9.0	6.7 7.1	6.8 8.9	6.0 8.8	7. 9.
Stocks (gross), mill, end of period do	10.1	12.0	10.4	10.6	10.9	12.0	9.3	6.5 8.7	8.4	8.5 7.3	6.4	6.6	5.4	5.3	8.8 4.9	4.
		M	ETAI	LS AN	ID M	ANU	FAC'	TURE	S			•				
IRON AND STEEL																
Exports: Steel mill products thous sh tons. Scrap do Pig iron do	2,904 6,415 16	1,842 6,804 54	158 607 18	133 434 1	109 620 21	97 375 (²)	95 625 1	92 372 (²)	89 563 1	106 564 1	101 688 (²)	100 805 2	108 562 1	100 624 (²)	99 720 1	
Imports: Steel mill productsdo	19,898	116,663	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	<sup>1</sup> 562 433	474 322	37 14	35 41	38 11	27 13	35 5	29 7	78 1	58 1	63 25	71 39	58 3	42 5	44 16	
Iron and Steel Scrap																
Production thous. sh. tons Receipts, net do	143,260 141,981	27,127 127,520	2,078 2,106	1,975 2,134	1,924 1,773	1,687 1,855	1,832 2,223	1,877 2,488	2,395 2,913	2,247 2,723	2,376 2,817	2,286 2,859	r2,181 r2,529	2,607 2,369		
Consumption	185,097 8,118	156,386 6,418	4,357 6,954	4,226 6,628	3,757 6,479	3,611 6,421	4,257 6,143	4,396 6,069	5,157 6,117	5,029 5,969	5,233 5,905	5,098 5,920	4,762 6,000	5,001 6,017		
Prices, steel scrap, No. 1 heavy melting:  Composite \$\text{per lg. ton}\$  Pittsburgh district \$\text{do}\$	90.17 100.50	61.51 66.71	53.48 58.00	52.32 55.00	48.94 51.50	48.61 51.50	55.19 62.50	61.13 68.00	70.50 79.00	68.64 77.00	60.00 67.50	66.21 72.50	67.03 74.50	70.21 79.50	73.13 83.50	72.6 82.5
Ore Iron ore (operations in all U.S. districts):																
Mine production	173,174 172,181	¹35,433 ¹35,756	744 3,943	1,470 3,161	1,728 3,065	2,365 1,569	2,463 395	622	477	3,165 2,876	3,991 5,323	4,260 5,592	5,986	4,034 5,542		
U.S. and foreign ores and ore agglomerates:	28,328	114,501	1,424	1,395	898	826	463	320	206	567	1,245	1,411	1,556	1,448	1,035	
Receipts at iron and steel plants do Consumption at iron and steel plants do	96,645 94,958	49,872 55,233	5,361 4,249	4,368 4,192	3,395 3,664	2,655 3,565	674 3,882	646 3,978	1,268 5,201	3,852 5,406	6,729 5,560	6,992 5,267	7,346 5,449	6,209 5,272	5,462 5,171	
Exports (domestic)	5,546 60,243	3,178 52,621	501 55,774	339 54,480	486 52,647	235 52,621	(²) 45,534	2 42,624	(²) 39,615	1 37,498	1 37,192	(²) 37,385	(2) 36,951	1 35,312	( <sup>2</sup> )	
At mines	12,734 36,203	16,948 29,923	19,042 31,326	17,423 31,501	16,098 30,953	16,948 29,923	12,997 26,896	14,345 22,904	16,184 18,909	16,495 17,292	15,163 18,534	13,832 20,508	11,647 22,332	10,093 22,187		
At U.S. docks	6,571 775	5,750 477	5,406 14	5,556 25	5,596	5,750	5,641 61	5,375	4,522 37	3,711 20	3,495	3,045	2,972	3,032		
Pig Iron and Iron Products	775	4//	14	20	32	15	61	29	37	20	38	45	50	28	46	
Pig iron: Production (including production of ferroalloys)				ļ												
thous. sh. tons	173,570 175,040	143,136 1144,409	3,160 3,261	3,077 3,201	2,648 2,837	2,712 2,883	3,192 3,266	3,264 3,175	4,206 4,260	4,333 4,336	4,376 4,480	4,090 4,214	4,213 4,303	4,245	4,159	
Stocks, end of period	859 206.00	580	681 213.00	649	603	580	659	641	627	625	637	589	591	***************************************		
Castings, gray and ductile iron:																
Orders, unfilled, for sale, end of period thous. sh. tons Shipments, total	736 11,801	536 8,222	575 <b>63</b> 1	505 618	521 584	536	570 625	586	551 813	545 750	548	572	r609	632		
For sale do	6,587	8,222 4,681	369	618 351	584 334	450 266	625 366	662 377	813 452	759 446	818 484	810 477	'707 '417	870 527		
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	<sup>7</sup> 19	23		
Shipments, total do For sale do	422 200	285 120	22 8	19 7	18	18	21	23 2	27 9	24 8	25 9	24 7	19 5	23 8		
See footnotes at end of tables.				• • •	• •	٧.	•			51	31		٠,	3		

Inless otherwise stated in footnotes below, data brough 1978 and descriptive notes are as shown	1981	1982		198	32						19	83				
n the 1979 edition of BUSINESS STATISTICS	Ann	ual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Мау	June	July	Aug.	Sept.	Oct
	M	ETAL	S AN	D MA	NUF	ACT	URES	-Co	ntinu	ed						
Steel, Raw and Semifinished																
teel (raw): Productionthous. sh. tons Rate of capability utilizationpercent	¹120,828 78.3	<sup>1</sup> 74,577 48.4	5,299 41.9	5,262 40.2	4,546 35.9	4,456 34.0	5,570 43.4	5,676 49.0	7,127 55.5	7,292 58.9	7,412 57.9	6,993 56.5	6,921 54.3	7,020 55.1	7,134 57.8	
teel castings: Orders, unfilled, for sale, end of period thous. sh. tons	373	161	213	181	172	161	162	157	165	152	157	159	156	145		
Shipments, total	1,743 1,558	1,023 926	68 62	63 56	56 50	45 39	53 48	53 47	62 56	57 50	<b>63</b> 57	62 57	52 48	59 55		
teel products, net shipments: Total (all grades) thous. sh. tons. By product:	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	
Semifinished products	5,598 4,903 7,397	3,408 3,424 4,136	283 280 269	291 321 261	260 237 260	255 210 260	229 237 254	278 239 251	297 206 341	298 240 305	327 271 304	360 307 326	296 256 280	307 268 320	378 326 338	
Rails and accessories	1,458 13,828 17,770	782 9,440 14,857	44 746 347	36 715 238	49 639 280	51 615 312	42 756 415	55 756 366	81 1,078 588	78 892 446	70 980 526	70 996 522	828 402	1,047 563	86 1,016 571	
Bars: Reinforcing do Bars: Cold finished do  Pipe and tubing do	4,371 1,620 10,286	3,526 1,013 5,026	322 73 228	323 68 220	293 64 224	241 59 220	253 85 232	232 75 224	422 94 283	350 92 252	355 96 262	371 100 273	340 83 240	381 99 273	337 104 290	
Wire and wire products do. Tin mill products do. Sheets and strip (incl. electrical), total do. Sheets: Hot rolled do. Sheets: Cold rolled do.	1,694 4,927 36,924 13,451 14,396	1,332 4,321 27,914 9,052 11,132	113 502 2,295 665 915	108 251 2,189 657 878	89 266 2,063 637 832	83 294 2,247 656 974	98 380 2,355 769 941	99 321 2,366 797 940	131 406 3,045 1,000 1,239	124 369 2,841 958 1,126	122 372 2,905 982 1,145	130 379 3,144 1,086	111 328 2,640 881 1,003	115 371 3,005 1,001 1,181	119 351 2,989 984 1,166	
By market (quarterly): Service centers and distributors	17,637 8,446	¹12,972 6,260	3,099 1,568			3,029 1,379			3,539 1,370			3,915 1,544			3,878 1,613	
Contractors' products do Automotive do Rail transportation do Machinery, industrial equip, tools do Containers, packaging, ship. materials do Other do do	3,230 13,154 2,162 4,624 5,292 32,469	2,290 19,295 1,030 2,582 4,471 120,883	548 2,311 183 491 1,252 4,546			543 2,036 159 446 837 4,201			634 2,453 203 538 1,133 5,270			659 3,024 245 594 1,183 5,732			628 3,004 240 558 1,136 5,671	
teel 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		23.8	24.2		
Producing mills, inventory, end of period: Steel in process mil. sh. tons. Finished steel	11.3 7.4	8.1 5.3	9.6 6.0	9.3 5.8	8.6 5.6	8.1 5.3	8.1 5.1	7.9 5.3	7.8 5.2	7.8 5.4	8.0 5.6	7.8	8.0 5.7	8.0 5.8		
Service centers (warehouses), inventory, end of period mil. sh. tons.  Consumers (manufacturers only):  Inventory, end of period	5.4	4.7 4.1	4.8 4.4	4.7 4.2	4.7 4.1	4.7 4.0	4.7 4.2	4.7 4.0	4.8 4.1	4.7 4.4	5.1 4.6	ļ	5.3 4.8	5.4 4.9	ļ	
Receipts during period do Consumption during period do NONFERROUS METALS AND PRODUCTS	71.7 72.4	54.9 56.7	4.5 4.7	4.7 4.4	3.8 3.9	3.4 3.4	4.2 4.1	4.0 4.2	4.9 4.8	4.7 4.4	4.6 4.4	4.5	3.8	4.2 4.1		
luminum:	i		}							1	,					
Production, primary (dom. and foreign ores) thous. sh. tons. Recovery from scrap †	4,948 1,973	3,609 1,836	271 158	275 158	266 144	275 138	279 145	246 141	273 157	270 154		288 159	313 144			
Imports (general):  Metal and alloys, crude do  Plates, sheets, bars, etcdo  Exports:	1710.7 1142.5	1679.4 1214.3	52.8 16.9	52.7 18.9	60.1 18.2	47.8 17.5		47.0 21.7	36.6 24.1	73.7 21.8			79.5 23.7	72.4 22.8		
Metal and alloys, crude	344.2 1281.9	1209.0	22.0	59.5 20.4	12.1	27.3 12.6	13.9	ı	20.6	i	13.6	14.0	1	14.6	15.9	·····
Price, primary ingot, 99.5% minimum \$ per lb. luminum products: Shipments:	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
Ingot and mill prod. (net ship.) mil lb. Mill products, total do. Sheet and plate do. Castings do.	13,237 10,328 5,978 1,581	11,960 9,108 5,329 1,306	781 465	1,059 727 417 101	943 719 419 98	1,108 679 390 85	461	753 434	547	1,046 865 503 117	1,003	'924 '573	917 626			
Inventories, total (ingot, mill products, and scrap), end of periodmil. lb.	6,607			6,431	6,391	6,200			Ì	1	5,579				Ì	1
opper: Production: Mine, recoverable copperthous. met. tons.	1,538.2			86.5		81.0		78.2								
Refinery, primary         do           From domestic ores         do           From foreign ores         do           Secondary, recovered         do	. 11,544.0 11,430.2 1113.8	1,064.8	94.7 75.6 19.0	95.0 80.1 14.9	98.1	102.8 85.4 17.5	76.5		105.1	94.1	116.1 97.1 19.1	r119.4	r66.3	75.3		
as refined	. 631.9	570.2	60.7	53.4	56.8	44.6										
scrap (copper cont.) do Refined do	. 502.5 359.3		48.2 29.9	56.2 27.6		39.7 21.9	50.6 34.0		65.5 44.1							
Exports: Refined and scrap do Refined do	340.6 28.1					22.8 1.1										
Consumption, refined (by mills, etc.)	2,045 511	1,790 668				390 668										
\$ 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	اا

Inless otherwise stated in footnotes below, data	1981	1982		198	32						19	83				
hrough 1978 and descriptive notes are as shown n the 1979 edition of BUSINESS STATISTICS	Anr	nual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
	M	ETAL	S AN	D MA	NUF	ACT	URES	Co	ntinu	ed					<u></u>	
NONFERROUS METALS AND PRODUCTS—Continued																
Copper-base mill and foundry products, shipments (quarterly total):																ļ
Brass mill products	2,622 2,847 471	2,014 2,393 405	497 575 90			425 530 94										
ead: Production:				45.0		45.4		90.4	97.0	00.0	05.77	00.0	05.1	49.0		
Mine, recoverable leadthous. met. tons Recovered from scrap (lead cont.) do	445.5 1641.1	515.9 528.8	41.7 41.9	45.0 44.6	42.1 41.9	45.4 41.5	44.7 41.3	39.4 37.4	37.2 41.0	36.6 41.3	35.7 42.5	28.3 37.3	l .	43.0 39.6		
Imports (general), ore (lead cont.), metal do Consumption, total do	68.7 1,167.1	50.1 1,066.2	2.3 87.9	8.2 95.3	1.9 83.2	2.4 83.1	2.1 82.3	8.1 70.9	2.4 80.4	6.3 83.1	6.5 81.9	4.2 90.6	3.5 79.8	6.0 94.6	2.1	
Stocks, end of period: Producers', ore, base bullion, and in process	90.0	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	
(lead content), ABMS thous met tons Refiners' (primary), refined and antimonial (lead content) thous met tons	83.3 79.5	73.5	75.1 66.6	76.6 69.0	73.6	73.5	78.1	85.6	80.4	83.5	93.7	89.4	r86.5	75.5	71.0	
(lead content)thous. met. tons Consumers' (lead content) do Scrap (lead-base, purchased), all smelters	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		
(gross weight) thous. met. tons Price, common grade, delivered \$ per lb	58.8 0.3653	33.5 0.2554	31.6 0.2532	30.6 0.2319	37.1 0.2161	33.5 0.2047	27.9 0.2203	25.9 0.2112	21.6 0.2073	23.6 0.2117	20.0 0.2022	21.3 0.1941	25.2 0.1932	27.4 0. <b>1946</b>		
in: 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 15,438	27,939 12,372	1,697 996	2,409 1,019	2,233 1,008	2,100 1,000	3,434 886	1,867 914	2,365 971	3,578 1,008	2,845 954	2,778 1,118	2,056 986	2,757	3,325	
As metal	11,587 154,373 140,229	1,641 53,450 38,700	121 4,700 3,400	164 4,600 3,300	192 4,500 3,200	130 4,400 3,100	116 4,400 3,200	114 4,700 3,400	176 4,900 3,600	197 4,700 3,500	171 4,700 3,500	*207 4,800 3,500	188 4,300 3,100	4,600 3,400		
Exports, incl. reexports (metal)	6,081 5,988 7.3305	19,357 3,152 6.5392	175 2,940 6.3904	249 2,970 6.2475	241 3,437 6.1347	256 3,152 6.1434	368 4,609 6.2443	382 3,513 6.5070	298 3,815 6.6772	221 4,026 6.8759	235 3,527 6.6710	311 3,634	298 3,931 6.5968	375 4,091	226	
inc:								22.9	i	22.9	22.3	21.0	20.0			************
Mine prod., recoverable zincthous. met. tons Imports (general): Ores (zinc content)	312.4 117.7 1611.9	<sup>1</sup> 300.3 49.3 <sup>1</sup> 456.1	725.9 3.9 34.9	°27.6 9.1 49.1	<sup>7</sup> 25.7 2.3 61.5	"23.1 3.6 41.0	25.0 3.7 35.9	2.1 25.4	25.5 2.5 42.6	2.4 51.2	6.6 60.4	5.6 54.0	14.2 43.0	23.9 7.1 50.7	1.1 60.4	
Consumption (recoverable zinc content): Ores	¹60.6 ¹288.7	53.1 208.1	3.6 17.9	4.0 17.6	4.7 17.1	4.7 16.8	4.7 17.2	3.8 16.7	5.2 14.4	5.1 14.6	4.9 14.4	4.4 13.5	4.4 13.4	3.3 16.9		
Slab zinc: @ Production, total ‡thous. met. tons Consumption, fabricators	<sup>r1</sup> 376.8 <sup>r1</sup> 840.9	r¹302.5 r¹709.5	24.1 61.4	24.8 60.8	18.7 53.7	18.1 50.8	18.2 61.8	20.7 59.9	22.7 68.8	22.4 66.7	23.5 64.1	21.8 65.7	16.0 55.8	23.2 63.2	22.7	
Exports	0.3 44.7	0.3 r28.2	(²) 15.9	(²) 19.9	(²) 21.5	0.1 24.6	1.4 21.9	(²) 22.1	(²) 19.4	(²) 17.9	0.1 19.2	(²) 20.4	(2) 20.1	(²) 13.6	9.6	14
Consumers' do Price, Prime Western \$ per lb.	81.9 0.4456	77.6 0.3847	56.1 0.3964	56.0 0.4083	62.2 0.4039	62.0 0.3846	69.7 0.3860	65.8 0.3806	70.4 0.3790	73.4 0.3800	75.6 0.3811	70.9 0.3946	68.1	71.5 0.4056	0.4298	
MACHINERY AND EQUIPMENT													<b>.</b>	 	<u> </u>	
leating, combustion, atmosphere equipment, new orders (domestic), net, qtrly #	470.0 106.9 225.4	¹296.9 65.4 128.2				60.6 9.6 25.9						60.5 19.2 10.0				
laterial 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			
ndustrial trucks (electric), shipments: Hand (motorized)	18,734	13,988	1,160	1,220	1,299											1
Rider-type	19,784 31,885	14,859 18,553	1,312	1,113 1,312	1,379 1,447							*************			 	ł
ndustrial 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	
ndustrial suppliers distribution: † Sales index, seas. adjusted	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	1
handling equip., valves, fittings, abrasives, fasteners, metal products, etc.) 1977 = 100 luid power products shipments indexes: *	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	<b></b>		
Hydraulic products, seas. adj	279 249	208 202	178 191	170 172	166 184	143 174	169 182	168 183	178 190	180 185	192 194	197 198	197 193	208 207		
Metal cutting type tools:	0.000 45	100.45	FC 00	70.0r	£0.75	0# On	E7 0F	77 40	90.05	70 OF	00.00	00.4-	100 ===		]	}
Orders, new (net), total mil. \$  Domestic do  Shipments, total do	2,228.10 1,945.80 4,104.50	1,064.45 889.60 2,894.75	52.60 47.20 224.40	72.85 59.10 150.60	62.75 47.45 155.70	85.80 84.20 204.30	57.05 51.35 107.40	77.40 69.55 128.80	89.65 84.95 134.40	79.25 73.65 112.95	93.60 88.20 98.80	96.45 88.45 145.75	128.75 124.65 75.40	P91.00 P82.65 P82.85		
Domestic do Order backlog, end of period do	3,552.45 2,873.3	2,594.75 2,598.60 1,043.0	192.65 1,332.2	132.30 1,254.4	134.80 1,161.5	184.20 1,043.0	93.40 992.6	116.70 941.2	119.70 896.5	100.55 862.8	88.60 857.6	119.05 808.3	61.90 861.6	P72.75		
Metal forming type tools: Orders, new (net), totaldo	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	P46.25	1	
Domestic	616.85 991.10	371.75 709.65	30.20 51.45	42.55 50.10	21.90 37.80	33.50 59.85	28.95 45.45	18.70 29.55	32.50 41.85	37.40 37.85	37.90 37.05	41.10 37.25	42.00 36.95	P42.00 P30.15		
Order backlog, end of period	824.20 427.0	599.75 150.6	45.95 191.4	42.25 187.6	33.70 175.3	41.50 150.6	38.05 140.0	26.55 130.5	36.40 124.5	35.00 126.0	35.05 130.6	33.10 142.2	33.95 151.6	P28.90 P167.6		

Unless otherwise stated in footnotes below, data	1981	1982	1982								19	83				
through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	Anz	ıual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
	M	ETAL	S AN	D MA	NUI	ACT	URES	S—Co	ntinu	ed	L	1	1	<b>1</b>	L	I
MACHINERY AND EQUIPMENT—Continued																
Tractors used in construction, shipments, qtrly: Tracklaying, totalunits	15,789	7,053	861	378	365	208	(*)	(9)	234	(4)	784	727	<b>'</b> 556	475		
mil. \$.  Wheel (contractors' off-highway)unita	1,569.9 4,309 410.9	793.5 2,443 222.2	109.2 714 67.2	43.6	22.6	16.0 405 30.7		(*) 	16.0 251 15.4	(4)	69.3	66.5 383 35.8	r48.8	33.9		
Tractor shovel loaders (integral units only), wheel and tracklaying types units mil \$	33,369 1,605.5	24,128 1,022.3	5,403 248.6			5,057 173.2			(*)			2				
Tractors, wheel, farm, nonfarm (ex. garden and construction types), ship., qtrlyunitsmil. \$	141,170 3,479.3	80,785 2,491.6	6,856 229.7	8,692 288.4	4,796 145.5	7,118 249.5	4,897 157.4	4,578 220.3	5,092 161.4	6,626 221.9	8,673 314.5	8,489 1307.7	'5,412 '214.8	5,738 142.8		
ELECTRICAL EQUIPMENT	E0 E00	F4.034	7.010	* 000	E 097	5,280	3,708	2.070	0.700	0 500	8.700	4.000	0.014	5 100	0.070	
Batteries (auto-type replacement), shipthous. Radio sets, production, total marketthous. Television sets (incl. combination models), production, total marketthousthous.	53,598 31,476 18,480	54,214 31,782 16,405	5,819 <sup>2</sup> 3,624 <sup>2</sup> 1,619	5,660 3,490 1,106	5,237 3,221 1,161	22,364 21,229	2,159 1,151	3,070 2,137 1,298	3,730 *2,789 *1,561	3,509 2,266 1,282	3,720 2,636 1,313	4,032 <sup>2</sup> 2,638 <sup>2</sup> 1,938	3,914 3,095 1,517	5,100 3,315 1,610	6,373 3,218 2,303	2,050
Household major appliances (electrical), factory shipments (domestic and export) #	30,482 3,692 2,484 3,179 2,328 4,944 1,605 4,365 2,977 7,785	26,683 2,761 2,170 2,781 2,035 4,364 1,340 2,728 7,536	*2,079 17 167 *240 *169 381 109 360 245 2,136	2,350 31 218 339 202 401 80 347 261	2,117 71 206 260 195 310 80 319 251	1,892 84 178 238 175 262 73 252 193 1,812	103 364 260	2,158 130 197 294 183 336 97 353 251	2,744 309 248 309 232 403 117 420 283 2,082	2,507 259 214 313 200 361 111 352 236	2,597 300 259 249 252 463 112 416 282	2,897 265 276 298 248 520 136 399 264 1,799	2,672 306 196 280 197 505 141 322 206	3,081 108 340 316 269 580 128 470 317	2,978 58 291 322 250 556 113 438 309 2,214	
GAS EQUIPMENT (RESIDENTIAL) Furnaces, gravity and forced-air, shipmentsthous	1,417	1,156	126	140	127 114	138	129 108	120	119	112	101	108	113	146	176	
Ranges, total, salesdododo	1,496 2,785	1,368 3,041	133 232	113 260	236	126 257	274	112 274	134 288	127 301	129 259	154 265	104 238	128 248	154 239	
	r	PETI	ROLE	UM,	COA	L, AN	D PF	RODU	CTS			· · · · · ·				
COAL Anthracite:																i
Production	5,423 2,249 582.2	<sup>7</sup> 4,588 980 640.3	<sup>r</sup> 348 77 637.4	r375 121 637.4	r373 107 638.0	r410 43 638.0	253 5 636.0	230 2 635.9	333 30 634.2	'269 28 621.7	*277 66 603.1	r332 38 605.1	358 79 613.3	449 115 610.4	433 117 610.4	610.4
Bituminous: Production † thous. sh. tons	818,352	r <b>833,52</b> 3	r67,603	<b>1</b> 70,477	r63,682	r62,726	61,850	60,257	68,128	<sup>1</sup> 60,361	<sup>1</sup> 62,703	61,991	56,110	72,524	69,949	***********
Consumption, total do  Electric power utilities do Industrial, total do  Coke plants (oven and beehive) do	728,543 595,575 127,527 60,888	703,561 592,591 104,372 40,859	56,491 48,348 7,634 2,922	54,764 46,248 7,996 2,755	56,529 47,699 8,135 2,691	59,881 50,814 8,224 2,586	62,872 53,279 8,733 2,810	54,353 45,699 8,114 2,740	55,153 46,965 7,737 2,565	52,543 43,497 8,544 3,204	54,138 45,586 8,248 3,143	58,123 50,274 7,609 2,732	60,301	64,079		
Residential and commercial do  Stocks, end of period, total do	5,440 1179,607	6,598 189,085	509 183,991	520 189,028	695 190,551	843 189,085	860 184,936	540 184,595	451 185,308	502 187,208	304 190,767	240 190,742				
Electric power utilities do Industrial, total do Oven-coke plants do	163,356 16,251 6,446	175,053 14,032 4,625	169,329 14,662 5,422	174,579 14,449 5,157	176,308 14,243 4,892		171,725 13,211 4,323	172,205 12,390 4,021	173,740 11,568 3,718	175,251 11,957 4,080	178,422 12,345 4,442	178,006 12,736 4,805	162,277	155,708		
Exports	110,243 493.7	105,244 530.4	8,603 534.4	9,850 533.9	7,700 535.5	6,020 534.6	4,465 531.5	4,376 529.2	6,258 534.6	6,077 534.3	6,877 532.0	7,231 530.8	6,043 532.0	8,251 530.6	7,393 532.8	533.3
Production: Beehive and oven (byproduct) thous. sh. tons Petroleum coke §	42,786 28,486	28,115 29,908	6,270 2,438	2,452	2,540	5,509 2,670	2,528	2,218	5,579 2,404	2,284	2,611	6,451 2,580	2,649	2,735		
Stocks, end of period: Oven-coke plants, total	6,724 6,320 403	8,190 7,858 331	7,969 7,639 330			8,190 7,858 331			5,781 5,469 312			4,569 4,220 348				
Petroleum coke	900 1,251	1,344 1,109	1,244 141	1,170 62	1,338 66	1,344 34	1,407 66	1,379 51	1,317 37	1,324 99	1,390 72	1,230 41	963 248	891 32	45	
PETROLEUM AND PRODUCTS Crude petroleum:																
Oil wells completed number  Price, wholesale Index, 1967=100  Gross input to crude oil distillation	37,684 803.5	740,306 733.4	3,363 718.3	<sup>7</sup> 2,833 735.3	3,282 733.6	4,090 720.0	2,381 719.7	2,899 692.9	3,462 678.0	3,028 678.0	3,186 678.0	3,514 677.9	2,683 676.1	2,641 675.5	3,733 676.1	2,970 676.1
unitsmil. bbl Refinery operating ratio% of capacity	4,654.2 69	<b>4,442.6</b> 70	376.7 74	376.8 71	364.4 71	368.8 70	354.1 68	308.0 65	344.7 66	349.9 69	373.9 72	378.2 75	390.5 75	382.0 74		
All oils, supply, demand, and stocks: ‡  New supply, totalmil. bbl  Production:	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	1		••••••
Crude petroleum	3,128.6 605.5	3,156.7 585.1	261.0 47.3	269.7 49.5	260.9 49.9	266.5 52.0	267.7 53.4	242.5 45.9	269.0 49.0	260.6 46.3	269.2 48.0	260.3 47.6	268.0 49.3	i		
Crude and unfinished oils	1,654.2 534.2	1,352.4 514.0	115.5 47.0	120.3 44.2	122.8 49.6	100.7 42.0	97.4 38.2	68.7 34.6	75.1 37.4	102.7 39.6	108.4 43.4	114.8 41.7	128.3 48.1			
Change in stocks, all oils (decrease,—) do  Demand, total	63.4 6,078.1	-53.7 5,880.4	5.5 474.4	18.5 489.5	22.8 473.5	-25.3 506.8	22.9 487.9	-20.9 437.8	-56.4 504.8	0.2 467.6	21.4 468.0	12.1 481.6	24.9 480.0			
Exports: Crude petroleum	83.2 133.9	86.3 211.2	5.5 18.2	8.4 20.5	7.9 15.7	6.0 20.7	3.6 26.5	7.3 16.9	5.4 19.4	2.6 21.6	8.7 17.6	4.3 18.9	4.5 13.2	5.3 15.2		
See footnotes at end of tables.																

Unless otherwise stated in footnotes below, data hrough 1978 and descriptive notes are as shown	1981	1982		19	32	1983										
n the 1979 edition of BUSINESS STATISTICS	Anr	nual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
	PETI	ROLE	J <b>M</b> , C	OAL	, ANI	) PR	ODU	CTS-	-Cont	inuec	l					
PETROLEUM AND PRODUCTS—Continued																
All oils, supply, demand, and stocks ‡—Continued Domestic product demand, total # do Gasoline	5,861.1 2,415.6	5,582.9 2,396.1	450.7 196.9	460.6 198.8	450.3 197.6	480.1 203.6	457.7 185.8	413.6 169.4	480.0 212.8	443.4 195.8	441.8 203.5	458.4 211.1	462.3 211.0	476.3 216.2	***************************************	
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	1,032.5 762.0 367.7	974.9 626.5 369.6	75.2 44.1 31.0	80.0 46.2 29.8	74.2 47.7 31.6	88.5 49.6 32.7	85.6 48.8 29.3	79.3 43.9 29.4	89.9 48.7 31.6	81.4 40.9 31.6	72.6 40.6 31.2	75.8 39.5 32.1	69.7 40.5 32.1	76.5 42.2 33.4		
Lubricants do  Asphalt do Liquefied gases do	56.0 124.0 535.0	51.0 124.4 547.3	4.5 15.3 43.9	4.1 15.2 44.0	4.8 8.9 47.5	3.5 5.6 50.9	3.3 43.7 64.7	3.5 3.8 45.8	4.8 6.2 40.8	4.2 7.8	4.7 12.8 33.9	4.6 17.2 35.1	4.4 17.7 39.8	4.6 20.3 38.0		
Stocks, end of period, total	1,483.6 593.8	1,429.9 643.6	1,414.0 618.6	1,432.4 635.6	1,455.2 647.5	1,429.9 643.6	1,452.8 661.5	1,431.9 672.2	1,375.4 670.4	1,375.7 683.6	1,397.1 681.4	1,409.3 686.3	1,434.2 682.7	1,467.4 706.9		
Strategic petroleum reserve	230.3 177.3 712.5	293.8 158.1 628.3	277.9 173.9 621.5	284.6 167.2 629.7	290.0 165.4 642.3	293.8 158.1 628.3	300.6 165.6 625.7	306.1 165.9 593.8	311.8 166.1 539.0	317.7 166.4	326.8 164.6 551.1	332.5 165.4 557.5	340.7 164.0 587.6	351.8 170.1 590.4		
tefined petroleum products: ‡ Gasoline (incl. aviation):	0.010.1	0.000.4	400.5			222.2	407.0				400 =					
Production mil. bbl Stocks, end of period do	2,349.4 206.2	2,322.1 196.8	196.5 193.3	194.9 194.6	188.9 191.9	203.2 196.8	187.3 210.9	164.3 209.9	183.4 186.2	186.7 185.3	198.7 189.3	200.3 185.8	208.8 194.2	203.8 187.4		
Prices (excl. aviation):  Wholesale, regular	666.0	612.5	628.4	617.2	608.7	598.5	576.7	551.4	533.5	515.3	537.2	r559.5 	567.9	572.5	567.6	560
Unleaded * do Aviation gasoline:	(1)															
Productionmil. bbl  Stocks, end of period	11.5 2.7	8.9 2.3	0.7 2.2	0.8 2.2	0.7 2.5	0.4 2.3	0.7 2.6	0.5 2.5	0.6 2.5	0.7 2.4	0.7 2.4	0.9 2.5	0.9 2.4	1.0 2.6		
Production	43.6 11.0	42.0 10.4	3.4 9.8	4.0 10.2	4.3 11.3	4.4 10.4	4.1 9.4	3.8 8.8	3.9 8.9	2.7 8.3	2.7 8.2	2.2 8.0	2.5 8.5	2.6 8.3		
Price, wholesale (light distillate) Index, 1967=100 Distillate fuel oil:	1,039.8	996.4	976.3	969.7	985.9	992.1	975.2	959.4	939.2	908.4	897.1	r894.3	881.8	879.7	879.4	888
Production mil. bbl Imports do	953.8 63.1	951.3 34.0	79.7 1.8	88.0 2.8	85.8 4.4	82.3 3.4	71.7 1.8	59.8 1.6	61.7 1.3	65.1 2.2	75.8 4.4	76.4 5.3	80.6 8.0	81.0 9.3		
Stocks, end of period do Price, wholesale (middle distillate)	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		
Index, 1967=100  Residual fuel oil: Productionmil. bbl	1,058.1 482.1	1,012.7 390.4	998.8 30.3	999.2 29.6	1,041.5	1,054.5 30.6	985.3 29.0	927.4 24.0	874.2 25.8	813.4 28.2	838.1 28.8	*879.4 24.9	875.5 23.9	882.2 21.9	893.5	911
Imports	292.1 78.0	283.1 66.2	26.2 61.8	24.3 63.6	25.1 66.4	23.2 66.2	21.4 60.7	17.7 53.1	21.3 46.3	22.3 46.6	22.0 50.9	20.3 50.1	21.2 51.9	21.9 48.3		
Price, wholesale       Index, 1967 = 100.         Jet fuel:       Production         Production       mil. bbl.         Stocks, end of period       do	1,239.0 353.2 41.1	1,182.0 357.0 36.8	1,120.7 29.3 39.6	1,129.0 30.4 40.8	1,139.3 30.5 40.6	1,144.0 29.4 36.8	1,056.6 31.2 41.7	1,034.1 28.2 40.5	987.5 30.3 42.2	1,015.7 29.4 40.2	987.7 31.2 41.3	71,034.2 31.3 41.3	1,122.4 31.9 41.7	1,151.5 31.4 40.2	1,174.9	1,193
Lubricants: do	60.6 14.3	51.6 12.5	3.9 12.6	4.4 12.6	4.4 12.6	3.6 12.5	4.2 14.0	3.7 14.1	4.0 13.1	4.2 12.7	4.5 12.1	4.4 11.7	4.6 11.6	4.7 11.4		
Asphalt: Production	123.5 19.6	119.4 15.9	12.4 14.5	13.7 13.1	9.7 14.1	7.5 15.9	46.4 419.9	5.9 22.1	8.4 24.4	10.7 27.3	12.3 27.0	14.9 25.1	15.1 22.9	16.2 19.2		
Liquefied gases (incl. ethane and ethylene): Production, totaldo	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.)	458.6 114.8	459.0 98.5	36.9 9.3	39.0 8.0	38.5 7.8	40.5 8.4	43.0 8.5	36.1 7.6	37.9 9.1	36.2 9.7	37.9 10.0	37.0 10.8	37.6 11.1	36.1 10.6		
Stocks (at plants and refineries) do	134.7	94.0 <b>PULP</b>	110.1 DAE	107.1	101.9	94.0 D A D	83.6 FD D	POD	82.8	86.0	96.1	106.1	112.5	118.2		
PULPWOOD AND WASTE PAPER		FULF	, I AI	1216,		IAI	EIL I	IOD		, 		-	- 1			1
rulpwood: Receipts thous. cords (128 cu.ft.)	³78,929	(²)														
Consumption do Stocks, end of period do	379,725 6,250	(2) (2)														
Vaste paper: Consumption thous. sh. tons	³13,083	(²)														
Stocks, end of period do do	1,081	(2) (2)														
roduction: Total, all grades # thous. sh. tons	³53,413 1,356	(²)					 						·			
Dissolving and special alpha do Sulfate do Sulfite do	38,669 1,795	(2) (2) (2) (2) (2) (2) (2)														
Groundwood do Semichemical do	5,703 3,754	(2) (2)														
tocks, end of period: Total, all millsdo	1,081	(²)														
Pulp mills	540 486	(2) (2) (2) (2)														
Nonpaper millsdododo	54 33,678	³3,395	298	237	247	285	234	271	332	346	312	324	289	289	328	
Dissolving and special alpha do All other do	784 32,894	°2,763	52 246	50 186	55 192	51 234	59 174	30 240	58 274	78 267	40 272	50 274	31 258	60 229	30 298	
mports, all grades, total	34,086 201 33,885	³3,894 162 ³3,732	541 8 533	303 18 285	375 18 357	264 8 256	309 23 286	265 9 257	338 20 318	301 11 289	378 23 355	357 12 345	327 20 307	350 9 341	332 11 321	l

November 1983		SU	JRVE	Y OF	CUR.	RENT	BOS	INES	5							5-23
Unless otherwise stated in footnotes below, data through 1978 and descriptive notes are as shown	1981	1982		196	32						198	83				
in the 1979 edition of BUSINESS STATISTICS	Ann	ual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Мау	June	July	Aug.	Sept.	Oct.
]	PULP,	PAPI	ER, A	ND I	PAPE	R PR	ODU	CTS-	-Con	tinue	d					
PAPER AND PAPER PRODUCTS									1	ļ						
Paper and board: Production (Bu. of the Census): All grades, total, unadjusted thous. sh. tons Paper	66,440 30,850 31,582 160 3,847	(5) (5) (5) (5) (5) (5)														
Producer price indexes: Paperboard	258.1 231.7	254.9 r239.5	250.7 243.4	248.0 <sup>7</sup> 242.1	247.6 241.0	244.1 242.0	243.3 241.1	244.1 241.4	246.3 244.2	248.1 247.0	248.7 249.3	249.6 *249.4	249.5 256.2	250.4 252.1	252.8 252.8	255. 254.
Selected types of paper (API): Groundwood paper, uncoated: Orders, new	¹1,449 100 ¹1,463	¹1,469 91 ¹1,459	125 104 121	131 99 139	121 93 126	108 91 112	122 96 115	103 100 108	128 106 123	122 101 127	126 94 129	131 99 128	135 114 118	'162 145 '127	125 145 126	
Coated paper:         Orders, new	14,853 360 4,940	14,998 325 5,032	407 285 433	446 282 447	415 308 433	412 325 398	444 319 442	412 307 427	499 342 460	439 332 447	509 398 468	543 457 481	*499 *524 453	*556 *528 *536	441 502 469	
Uncoated free sheet papers:         do           Orders, new	¹7,735 ¹8,234	¹7,820 ¹8,187	640 684	684 716	656 695	642 649	704 735	686 682	833 805	743 759	751 762	744 762	'755 '676	<sup>-777</sup> -782	696 724	
converting papers: Shipments thous. sh. tons Tissue paper, production dodo	¹3,880 ¹4,518	¹3,688 ¹4,438	296 359	315 387	327 383	280 372	330 388	308 374	316 399	291 397	304 410	312 7392	'287 '385	r349 r421	335 385	1
Newsprint: Canada: Production thous metric tons. Shipments from mills do Stocks at mills, end of period do	8,946 8,915 194	8,117 8,074 250	557 601 403	698 684 417	657 691 395	599 744 250	685 604 331	653 605 380	680 676 384	695 713 366	724 683 407	727 796 339	699 679 359	726 696 388	707 737 358	
United States: Production do Shipments from mills do Stocks at mills, end of period do	4,753 4,735 38	4,574 4,525 86	353 353 110	406 398 118	373 389 102	330 346 86	403 370 119	378 350 147	406 394 159	364 362 161	399 404 156	372 395 133	378 395 116	*416 *415 118	376 374 120	
Consumption by publishers. do do Stocks at and in transit to publishers, end of period thous. metric tons	10,165 961	10,115 854	836 898	928 861	893 832	908 854	801	768 823	880 805	879 780	919 746	859 809	*816 826	*849	820	
Importsthous sh tons. Price, rolls, contract, f.o.b. mill, freight allowed or deliveredIndex, 1967=100	6,977 3308.0	6,531 r3315.8	489 318.4	587 318.4	567 299.8	498 299.8	545 299.1	i	620 299.1	538 299.1	599 299.1	659 299.1	538 306.3	584 305.8	543 309.6	ł
Paper products: Shipping containers, corrugated and solid fiber shipmentsmil. sq. ft. surf. area	246,152	234,846	r20,650	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. \$																
		RUI	BBER	ANI	D RU	BBEI	R PR	ODU	CTS							
RUBBER								<u> </u>							Ţ	
Natural rubber: Consumption	634.67 142.43 662.41	618.27	48.75 88.99 40.60	53.27 90.21 54.36	48.87 95.38 51.37	56.01 95.42 49.45	64.50 91.77 33.01	95.02 49.63	55.28 87.35 48.54	55.31 93.77 62.11	56.86 100.01 63.44	67.04 97.86 65.20	50.41	31.90	ŀ	
Synthetic rubber: Production thous metric tons. Consumption do	2,021.45 1,889.71			0.426 154.37 131.00	0.421 122.37 136.82	0.418 116.51 136.06	0.440 155.16 131.70	153.86	170.06 158.19	0.578 160.46 146.32	0.568 171.13 146.22	0.545 164.50 156.68	154.64 135.85		0.605	0.60
Stocks, end of period	349.02 334.63	1	304.27 22.83	318.80 21.13	294.56 20.47	269.66 18.86	280.97 20.24	284.76 18.61	283.54 24.44	283.84 24.91	294.34 31.66	290.82 24.37	1	1	22.01	
Pneumatic casings, automotive: Production thous. Shipments, total do	1181,762 201,105	201,236	15,528 18,938	15,381 17,851	13,585 15,325	14,521	15,497 14,102		18,034	16,325 17,782	15,653 18,907	20,431	17,879			
Original equipment do. Replacement equipment do. Exports do. Stocks and of poriod	41,711 153,716 5,678 40,863	3,915	333	2,919 14,605 327	336	ł	381	11,031 306	499	4,143 13,185 454	419	15,586 384	14,354 285			-
Stocks, end of period	11,088	5,971	38,685 385	38,116 489	38,436 377	474	1	352	424	51,921 392	42,395 436	1	1 '	1	447	
Exports (Bu. of Census) do	3,428	1,924	201	192	162	113	174	72	157	134	138	193	100	147	169	9

Unless otherwise stated in footnotes below, data	1981	1982		19	32						19	83				
through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	Anr	nual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
	L	STON	E, CI	ΔΑΥ,	AND	GLA	SS P	RODI	UCTS	·		<b></b>	L		,	
PORTLAND CEMENT																
Shipments, finished cementthous. bbl	1382,692	1343,463	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									1			}				
Shipments: Brick, unglazed (common and face)																
mil. standard brick Structural tile, except facing thous. sh. tons	5,059.2 71.6	4,408.6 40.9	444.6 4.3	435.8 3.6	397.5 2.4 28.5	335.1 2.9	309.4 2.4	287.0 1.9	445.7 2.2	451.8 3.4	529.1 1.4	615.4 2.6	572.4 2.3			
Sewer pipe and fittings, vitrified do Facing tile (hollow), glazed and unglazed	433.4	325.0	37.5	36.6		18.6	21.9	16.3	27.1	29.7	30.6	36.7	35.7			
mil. brick equivalent Floor and wall tile and accessories, glazed and	39.3	*11.3	(7)	(7)	(*)	(*)	(*)	(7)	(7)	(7)	(1)	(7)	(7)			
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. dock 1967=100	300.2	312.5	319.2	319.2	320.7	320.7	320.9	320.9	333.8	337.7	339.3	<sup>7</sup> 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: Productionthous. 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	<sup>7</sup> 24,212	27,132		
Shipments, domestic, total ‡	320,680	5307,113	26,285	25,939	23,003	21,177	23,086	20,656	25,926	24,456	26,183	26,737	<sup>7</sup> 25,615	28,422		
Food do do do	28,728 60,248	27,658 61,020	2,850 5,193	2,177 4,888	1,889 4,482	1,810 4,417	2,155 4,343	2,031 3,318	2,690 5,118	2,241 4,872	2,496 5,711	2,467 6,331	72,008 75,880	3,215 6,347		
Beer do Liquor and wine do	117,338 24,003	107,861 22,265	8,539 1,849	8,411	7,911	7,094 1,686	7,659 1,846	7,743	8,955 2,039	9,076 1,754	9,612 1,912	9,370 2,005	9,402 2,069	9,163 1,980		
Wide-mouth containers:	24,003	22,200	1,049	2,165	1,937	1,000	1,040	1,513	2,039	1,754	1,912	2,005	2,009	1,500		
Food and dairy productsthous. 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 toiletdo	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 46,683	2,615	217	230	172	166	190	161	171 50,022	168 51,269	154 50,604	173 49,467	131 48,104	153 46,593	}	
Stocks, end of perioddo do	40,000	45,634	52,988	49,467	48,718	45,634	45,801	49,092	50,022	51,209	50,604	49,407	46,104	40,595		
Production:																
Crude gypsum (exc. byproduct) thous. sh. tons Calcined do	11,497 11,687	10,863 10,967	966 971	1,044 1,036	898 945	895 923	925 986	857 911	905 1,110	1,053 1,131	1,033 1,087	1,141 1,167	1,017 1,128	1,218 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: Uncalcineddo	4,904	¹4,528	445	411	342	488	283	277	195	235	268	464	338	377		
Calcined:	970	1480	077	40				•	0.5	00	0.5			٥-	]	
Industrial plasters do Building plasters:	370	¹430	- 37	40	34	31	31	32	37	36	35	36	30	35	1	
Regular basecoat	225 157	(*) *264	(6) 623	( <sup>6</sup> ) <sup>6</sup> 21	( <sup>6</sup> ) <sup>6</sup> 21	( <sup>6</sup> ) <sup>6</sup> 20	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> ) <sup>6</sup> 22	(*) *21	( <sup>6</sup> ) <sup>6</sup> 21	( <sup>6</sup> ) <sup>6</sup> 22	( <sup>6</sup> ) <sup>6</sup> 21	(*) *24		
Board products, total mil. sq. ft Lath do	13,759 59	13,093 39	1,140	1,216	1,134	1,218	1,132	1,113 3	1,425 3	1,312 3	1,319 3	1,449	1,422	1,593		
Veneer base do	325 208	286 264	23 25	25 27	25 28	28 27	23 26	23 24	32 28	28 30	29 29	35 32	31 29	37 31		
Regular gypsum board do	9,295	8,447	733	774	741	801	718	715	933	844	861	934	903	1,014	ł	
Type X gypsum board	3,446 122	3,486 119	303 10	330 10	293 10	319 9	301 9	279 9	352 11	322 10	317 11	356 12	366 9	414		
5/16 mobile home board do	<sup>4</sup> 304	453	42	47	35	31	52	59	66	76	69	77	80	83	<u> </u>	
			<b>T</b>	EXTI	LE P	ROD	UCTS	3								
FABRIC	1												,			
Woven fabric, finishing plants: * Production (finished fabric) mil. linear yd.,	7,542	6,660	³661	534	526	³570	506	r568	r3726	<b>'562</b>	561	r3716	'421	592	} 	
Cotton do  Manmade fiber and silk fabrics do	2,707 4,835	2,466 4,194	³259 ³402	201 333	193 334	³207 ³363	201 305	217 350	3274 13452	<sup>7</sup> 215	210 351	³268 ³448	'147 '274	209 383	l	
Inventories held at end of period do	672	630	644	688	656	630	r612	<sup>7</sup> 623	<sup>1</sup> 611	r603	<sup>7</sup> 619	1607	511	702	1	
Cotton do Manmade fiber and silk fabrics do	271 401	242 388	251 393	260 428	255 400	242 388	'240 '372	r250 r372	r242 r369	r241 r362	r248 r371	r233 r374	'245 '266	337 365		
Backlog of finishing orders do			535	518	485	487	r549	1573	'614	592	<sup>7</sup> 618	7575	7592	638	·	
Cotton			184 352	191 326	184 302	220 267	r227 r322	r229 r344	*241 *374	r225 r367	'226 '392	r199 r376	200 r392	223 414		
COTTON and MANUFACTURES	}						}									}
Cotton (excluding linters): Production:							j								1	
Ginnings thous running bales. Crop estimatethous net weight bales §	<sup>2</sup> 15,150 <sup>2</sup> 15,646	<sup>2</sup> 11,526 11,963	1,529	5,288	8,823	10,574							2	315	770	7,496
Consumption thous, running bales.	5,409	4,938	³474	416	391	³425	404	430	³5 <b>4</b> 9	431	441	³543	369	¹453	(	
Stocks in the United States, total, end of period # 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	1	}
On farms and in transit	13,776 3,752	14,229 2,433	16,436 10,475	15,728 7,545	15,031 4,209	14,229 2,433	13,228 1,432	12,431 1,432	11,397 896	10,356 767	9,454 748	8,447 273	7,560 150	14,277 7,299	l	
Public storage and compresses do  Consuming establishments do	9,268 756	11,101 695	5,293 668	7,575 608	10,190 632	11,101 695	11,101 695	10,225 774	9,713 788	8,796 793	7,930 776	7,419 755	6,656 754	6,267 711		
See footnotes at end of tables.																

Unless otherwise stated in footnotes below, data		1982		19	82	-		<del></del>			19	83				
through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS		nual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
		T	EXTI	LE PI	RODU	JCTS	–Con	tinue	ed	L	L,——		L	<u> </u>	L	L
COTTON AND MANUFACTURES—Cont.																
Cotton (excluding linters)—Continued Exportsthous running bales.	8,021	6,079	351	293	382	377	438	368	487	612	464	831	409	383	322	
Imports thous net-weight bales 6.	17 54.0	39 57.6	10 55.5	59.8	59.9	(°) 57.3	56.0	( <sup>6</sup> ) 56.4	59.9	(6) 59.7	(°) 61.7	( <sup>6</sup> ) 61.1	64.6	2	<sup>1</sup> 63.1	P64.7
Price (farm), American upland cents per lb. Price, Strict Low Middling, Grade 41, staple 34 (1-1/16"), average 10 markets cents per lb.	. \$83.0	³60.5	59.0	58.6	l i	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, totalmil.	15.4	14.2	14.5	14.4	14.3	14.2	14.3	14.3	14.4	14.0	14.2	14.2	<sup>1</sup> 13.8	14.0		
Consuming 100 percent cotton	5.5	5.3 61.7		5.3 6.6		5.3 6.7	5.3 6.4	5.3 6.8	5.3	5.3 6.8	5.3 7.1	5.3 8.6	5.2 5.9	5.2 7.4	5.2	
Average per working day do Consuming 100 percent cotton do	0.357 33.6	0.320 30.2	0.307 12.8	0.328 2.5	0.309	0.270 12.6	0.323	0.340 2.5	0.336 43.1	0.342 2.5	0.354 2.5	0.344 43.1	'0.295 2.2	0.370 *3.0	3.4	
Cotton cloth:								4.0	5.2							
Cotton broadwoven goods over 12" in width: Production (qtrly.) mil. sq. yd. Orders, unfilled, end of period, compared with	3,856	3,779	869			992			1,046			1,047				
avg. weekly production no. weeks' prod Inventories, end of period, compared with	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			
avg. weekly production no. weeks' prod Ratio of stocks to unfilled orders (at cotton	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			
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		
net-weight	345.6 766.3	239.2 601.3	18.4 49.3	20.7 44.4	18.4 53.6	16.4 47.6	20.1 67.2	15.1 55.5	18.2 56.7	17.2 54.6	14.2 61.7	15.9 58.9	12.7 64.5	14.0 66.6		
MANMADE FIBERS AND MANUFACTURES	<u> </u>															
Fiber production, qtrly: Acetate filament yarnmil. lb	257.0	195.2	46.1	***************************************		43.2			50.3			62.2				
Rayon staple, including tow do  Noncellulosic, except textile glass:	460.6	355.0	87.8			84.3			92.6			92.1				
Yarn and monofilaments	3,792.8 4,191.1	3,040.3 3,402.5	735.2 834.6			745.4 872.5			801.1 886.7			924.0 1,015.5				***************************************
Textile glass fiber	1,041.1	899.2	241.0			240.8			245.1			273.1				
Acetate filament yarn mil. lb Rayon staple, including tow dodo	14.3 31.1	10.7 25.9	11.3 36.8			10.7 25.9			9.8 31.5			12.2 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	329.8 146.2	324.8 141.0	309.3 138.8			324.8 141.0			292.7 131.1			278.0 101.1				***************************************
Manmade fiber and silk broadwoven fabrics:	11,228.7	0 505 5	70.040.4						0.000.0						'	
Production (qtrly.), total # mil. sq. yd  Filament yarn (100%) fabrics # do  Chiefly rayon and/or acetate fabrics do	3,850.9	8,585.5 2,951.1 346.6	*2,040.4 *717.1 89.6			2,170.4 819.8 55.7			2,362.8 807.8 60.9							
Chiefly rayon fabrics		397.5 4,726.7	100.2 1,094.5			81.5 1,111.2			85.4 1,260.6							
Rayon and/or actate fabrics, blends do Polyester blends with cotton do	584.1 4,517.0	113.7 3,547.8	26.9 817.8			27.7 815.7			26.5 952.5							
Acetate filament and spun yarn fabrics do Manmade fiber gray goods, owned by weaving	1,002.2	893.0	239.2			206.7			259.2							
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 Yarn, tops, thread, cloth do	637.73 318.89	438.55 200.59	35.86 16.06	36.87 16.87	32.54 15.78	31.08 14.87	37.10 13.46	36.44 13.38	42.95 15.55	42.26 15.61	40.18 14.45	39.62 14.15	34.49 12.50	35.86 13.06		
Cloth, woven	208.48 318.84	132.57 237.96	11.29 19.80	12.03 19.98	11.53 16.76	10.35 16.21	9.24 23.64	8.70 23.06	10.40 27.40	10.84 26.65	9.07 25.73	9.07 25.47	7.71 21.99	8.38 22.81		
Imports, manmade fiber equivalent do Yarn, tops, thread, cloth do	639.08 130.52	807.10 132.58	82.75 12.95	70.14 10.65	68.76 11.78	59.16 10.04	79.54 13.20	71.80 10.92	76.32 14.44	72.72 14.99	86.61	105.34 18.61	98.09 16.81	107.96 15.98		***************************************
Cloth, woven do Manufactured prods., apparel, furnishings do	95.38 508.56	93.34 674.51	9.09 69.80	7.41 59.49	7.69 56.97	6.31 49.12	8.84 66.34	7.14 60.88	9.12 61.87	10.77 57.74	16.49 11.06 70.12	13.05 86.74	11.31 81.28	11.53 91.98		
Apparel, totaldododo	434.87 184.70	485.31 193.09	48.38 21.52	40.59 20.04	37.82 16.64	32.45 10.80	45.12 17.11	39.57 15.87	38.10 15.03	38.63 15.33	47.65 21.73	58.90 27.47	55.16 25.44	65.73 27.60		
WOOL AND MANUFACTURES								Ì								
Wool consumption, mill (clean basis): Apparel classmil. lb	127.8	105.9	48.4	7.2	7.8	49.4	8.8	9.6	<b>412.8</b>	10.6	9.9	13.7	r8.7	10.5	413.3	
Carpet class	10.9 275.3	9.8 61.4	41.2 4.7	0.7 2.9	7.8 0.8 3.6 1.3	40.6 3.7	0.8 6.0	1.0 6.2	11.2 5.0	0.9 6.7	1.0 4.9	11.2 7.5	0.8 6.5	1.1 5.8	<sup>4</sup> 1.4 5.1	
Duty-free	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	***************************************
U.S. mills: Domestic—Graded territory, 64's, staple 2-3/4"																
and upcents per lb Australian, 64's, Type 62, duty-paiddo	52.78 53.16	2.99	2.40 2.87	2.76	2.69	2.67	2.73	2.71	1.93 2.66	1.93 2.66	1.93 2.62	1.98 2.62	2.19 2.60	2.23 2.62	2.25 2.63	$\frac{2.25}{2.71}$
Wool broadwoven goods, exc. felts: Production (qtrly.) mil. sq. yd	178.1	121.1	20.2			23.6			34.2		,	40.2				
FLOOR COVERINGS											·		j			
Carpet, rugs, carpeting (woven, tufted, other), shipments, quarterly mil. sq. yds	990.6	r906.5	226.7			225.7			237.1							
APPAREL														/		
Women's, misses', juniors' apparel cuttings: Coatsthous. units	'14,528	<sup>7</sup> 12,617					485	491	617	644	981	1,153	1,033	1,344		
Dresses do Suits (incl. pant suits, jumpsuits) do	'162,624 '13,308	<sup>7</sup> 166,747 <sup>7</sup> 12,138					12,726 752	14,231 724	17,333 724	15,343 615	14,124 818	12,877 856	10,357 932	11,453 819		
Skirts do Blouses thous dozen.	<sup>1</sup> 98,868 <sup>1</sup> 26,223	7104,430 727,845					8,034 2,226	7,818 2,544	9,149 2,658	7,944 2,540	8,197 2,833	8,627 3,045	7,892 2,433	9,860		
See footnotes at end of tables.																

Unless otherwise stated in footnotes below, data	1981	1982		19	82		· · · · · · · · · · · · · · · · · · ·				19	83				
through 1978 and descriptive notes are as shown in the 1979 edition of BUSINESS STATISTICS	Anr	nual	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
•		TI	EXTII	E PI	RODU	JCTS-	–Cor	tinue	ed							
APPAREL—Continued  Men's apparel cuttings: Suits	'13,922 '17,140 118,215 '191,937 '97,075	*11,735 *16,477 *111,749 *172,299 *92,423					969 1,260 8,104 13,621 3,333	953 1,251 9,160 14,495 3,172	927 1,471 10,244 16,564 3,591	779 1,432 9,261 16,288 3,179	845 1,496 8,656 17,350 3,404	839 1,672 10,188 22,319 3,562	570 1,390 7,060 17,448 2,455	852 1,472 9,612 18,128 3,253		
Shirts, dress and sport thous. doz Hosiery, shipmentsthous. 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	
		TF	RANS	POR'	<b>FATI</b>	ON E	QUIF	MEN	IT							
AEROSPACE VEHICLES	72,852 39,102 70,633 69,944 33,039	'85,137 '56,476 '82,382 '74,078 41,581	21,965 17,844 21,149 18,869 11,456			724,791 716,959 724,146 20,377 12,068			126,737 19,102 10,594			24,346 14,954 23,767 20,626 11,582				
Backlog of orders, end of period #	92,640 43,262 44,555 13,173 11,047	*103,699 *58,157 *46,312 *12,008 *13,450 *13,035	99,285 53,266 46,181 14,556 10,854 14,249			*103,699 *58,157 *46,312 *12,008 *13,450 *13,035			"111,937 "68,381 "51,690 "11,876 13,673			115,657 71,753 53,390 12,824 14,328 14,766				
Aircraft (complete);  Shipments # #	13,195.0 89,076 8,551	8,639.8 44,383 4,775	591.4 3,169 77	547.3 2,734 378	569.6 2,644 102	1,232.2 5,909 421	697.8 3,742 321	795.1 3,642 508	1,418.9 7,007 1,006	1,107.9 5,194 457	791.0 3,854 397	1,191.3 5,723 924	429.9 1,998 368	489.5 2,336 178	232	
Passenger cars:         Factory sales (from U.S. plants), total ††thous         do           Domestic ††	6,225 5,749 8,535 6,209 2,326	5,049 4,696 7,980 5,758 2,221	429 406 671 488 183 8.4 6.2 2.3	431 406 656 488 169 7.7 5.3 2.4	407 382 743 558 185 9.0 6.5 2.5	366 344 632 448 184 8.6 6.1 2.5	457 431 596 414 182 8.5 5.9 2.6	474 433 628 442 185 8.2 6.1 2.1	575 517 821 600 221 8.4 6.2 2.2	529 475 762 578 184 8.5 6.4 2.1	587 528 837 630 207 9.1 6.9 2.2	644 592 904 668 236 *10.1 *7.5 *2.6	461 426 792 577 215 9.7 7.2 2.5	492 466 741 531 210 8.9 6.6 2.3	*627 581 704 538 166 9.2 7.0 2.1	2687 861 664 197 9.8 7.0 2.8
Retail inventories, end of period, domestics: \$ † Not seasonally adjusted thous. Seasonally adjusted do  Inventory-retail sales ratio, domestics \$ †  Exports (BuCensus), total thous. To Canada do  Imports (BuCensus), complete units # # do From Canada, total do  Registrations total new vehicles do	1,471 1,495 2.9 538.12 470.86 2,998.6 563.9 8,444	1,126 1,127 2.3 374.30 334.05 3,067.0 702.5 7,754	1,350 1,357 2.6 26.30 23.70 217.4 61.0 625	1,296 1,299 2.9 27.42 23.48 262.8 49.5 655	1,164 1,162 2.2 27,39 23,71 253.6 56.8 678	1,126 1,127 2.2 22.42 19.60 232.7 50.2 765	1,180 1,190 2.4 26.88 24.71 277.3 59.1	1,248 1,270 2.5 44.33 42.12 260.2 69.7 569	1,235 1,238 2.4 56.59 54.75 313.4 69.3 725	1,191 1,201 2.3 54.45 52.21 277.2 77.9 728	1,191 1,154 2.0 60.81 58.14 355.8 88.5 773	1,209 *1,082 *1.7 51.92 50.30 325.5 85.8 869	1,102 1,050 1.7 34.26 32.75 288.3 56.0	1,088 1,166 2.1 31.87 30.63 263.5 44.3	1,192 1,231 2.1 46.27 41.92 271.6 49.6	1,220 1,254 2.2
Imports, incl. domestically sponsored	2,432 1,701 1,514 51,746.6 573.9 5151.7	*2,291 1,905 1,778 *2,063.8 *45.7 *138.3	155 146 193.8 3.9 10.1	195 142 132 149.7 3.5 9.6	181 127 118 199.4 3.6 10.0	220 130 122 179.2 3.8 12.5	191 141 133 7168.9 74.4 710.9	181 160 150 160.4 3.8 9.8	219 221 207 183.6 3.5 11.9	208 191 179 210.8 3.6 10.1	215 212 198 214.6 4.2 9.8	244 230 214 206.4 3.9 10.4	228 161 149 225.3 4.2 11.0	192 181 173.0 4.0 12.0	207 r226 214 260.6 4.2 11.7	<sup>2</sup> 250 225.1 3.8 13.1
Retail inventories, end of period, seasonally adjusted †	*559.4 *170.73 838.92	°539.5 124.43 738.48	665.5 6.62 57.33	636.2 10.31 54.44	566.4 9.80 43.28	537.9 9.04 42.27	<sup>7</sup> 495.7 7.33 47.58	519.5 9.42 56.22	518.4 11.30 70.78	522.8 12.83 69.48	533.5 11.87 78.19	525.1 13.33 80.99	507.8 10.62 63.13	578.1 11.34 68.70	587.7 10.11 61.17	592.1
produced on truck chassis	2,185 *122,455 *71,921 7,239 8,615	2,430 '96,190 '64,892 '3,988 '2,918	182 *6,888 *4,908 *285 *277	193 76,499 74,430 7328 7201	77,509 75,522 7285 7121	79,590 77,212 289 119	189 6,062 4,053 158 25	6,949 4,599 136 19	9,848 6,367 153 43	6,979 4,808 61 47	254 8,708 5,958 69 147	9,674 6,714 31 620	259 *8,387 *5,202 *57 456	8,632 299	249	
Freight cars (new), for domestic use; all railroads and private car lines (excludes rebuilt cars and cars for export):  Shipments	144,901 141,435 117,916 117,288 16,485 14,819	<sup>1</sup> 17,236 <sup>1</sup> 15,515 <sup>1</sup> 7,071 <sup>1</sup> 6,321 4,295 4,095	967 913 583 583 5,895 5,337	890 650 884 134 5,283 4,710	610 525 249 249 4,866 4,378	765 477 231 231 4,295 4,095	494 440 501 501 4,301 4,155	447 411 299 297 4,153 4,041	444 334 207 207 3,916 3,914	205 205 615 614 4,326 4,323	376 376 797 797 4,747 4,744	338 338 150 150 4,559 4,556	260 260 934 934 3,897 3,894	469 469 287 287 3,755 3,755	460 458 416 416 3,756 3,756	
Freight cars (revenue), class 1 railroads (AAR): ‡ Number owned, end of period	1,111 6.9 89.37 80.43	1,039 8.7 84.87 81.68	1,059 8.3 86.24 81.44	1,053 8.4 85.86 81.54	1,047 8.6 85.43 81.60	1,039 8.7 84.87 81.68	1,035 8.8 84.77 81.93	1,033 8.9 84.72 81.98	1,031 9.2 84.55 82.01	1,028 9.5 84.44 82.18	1,026 10.0 84.18 82.03	1,024 10.0 84.01 82.05	1,020 10.1 83.77 82.10	1,019 10.0 83.68 82.09	1,018	

## 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.

#### Page S-2

- 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-8.

  \$ 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

#### Page S-3

- ‡ 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 Date !
- 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

#### Page S-4

- 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
- ♦ 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.

  - (a 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.
- Index no longer available from the source, BLS; see also p. S-36 of the Feb. 1983
- § 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.
  (a 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.

#### 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.
  - 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

- 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

- 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; compar-
- able data for earlier periods are not available.

  (a) Insured unemployment (all programs) data include claims filed under extended duration provisions of regular State laws; amounts paid under these programs are excluded from state benefits paid data
- (a) (a) Insured unemployment as a percent of average covered employment in a 12-month period.

#### Page S-14

- 1. Data are for fiscal years ending Sept. 30 and include revisions not distributed to the months
- 2. Average for the year.
- Daily average.
- 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 quar-
- terly 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:
- # Composition of the indies stock measures is as follows.

  #1.—This measure is currency plus demand deposits at commercial banks and interestearning checkable deposits at all depositary institutions—namely NOW accounts, automatic transfer from savings (ATS) accounts, and credit union share draft balances—as 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 depositary institutions. Depositary institutions are commercial banks (including U.S. agencies and branches of foreign banks, Edge Act corporations, and foreign investment
- companies), mutual savings banks, savings and loan associations, and credit unions.

  M3.—This measure equals M2 plus large-denomination time deposits (those issued in denominations of \$100,000 or more) at all depositary institutions (including negotiable CD's) plus term RP's issued by commercial banks and savings and loan associations
- L.—This broad measure of liquid assets equals M3 plus other liquid assets consisting of other Eurodollar holdings of U.S. nonbank residents, bankers acceptances, 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.
- (a (a 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.
- (a) Data may not equal the sum of the geographic regions, or commodity groups and principal commodities, because of revisions to the totals not reflected in the component

#### Page S-17

- 1. See note 1 for p. S-16.
- 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.
- Annual total; quarterly or monthly revisions are not available.
- Before extraordinary and prior period items.
- For month shown.
- Domestic trunk operations only (averaging about 90 percent of domestic total).
- 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
- 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.
- Less than 500 short tons.
- 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.
- 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.
- 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.
- Crop estimate for the year
- 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.
- Data are no longer available. Nov. I estimate of the 1983 crop
- 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.
- (a (a 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
- See note 9 for p. S-21.
- 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.
- (a 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.
- Average for seven months; price not available for July, Aug., and Oct.-Dec.
- Annual total; monthly revisions are not available
- Data are no longer available.
- Nov. I 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

- Annual data; monthly revisions not available.
- 2. Less than 500 short tons.

#### Page S-25

- Annual data; monthly revisions are not available
- 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

- Less than 50 tons.
   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 pur-
- chased 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.
  - Data are for five weeks; other months 4 weeks
  - For month shown.
- 4. Data withheld to avoid disclosing information for individual companies.
- # Includes data for items not shown separately.
- (a Beginning July 1977, data are representive of those manufacturers reporting and are not an average of the total industry; they are not directly comparable with earlier data.

  \* New series. Annual data prior to 1978 and monthly data prior to April 1979 are avail-
- able 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
- See note 5 for p. S-29.
- 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.
- Average for 11 months; no price for Aug. 1980 or June 1981.
- Average for 11 months; no price available for Nov. 1980 or for Oct. 1981.
- 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

- Reported annual total; revisions not allocated to the months.
- Crop for the year.
- Data cover five weeks; other months, four weeks.
- Data are not available prior to Jan. 1980.
- 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.
  - Data withheld to avoid disclosing operations of individual companies.
- 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.
- (a) Annual totals are based on advance summaries and reflect revisions not distributed to

#### Page S-31

- 1. Effective Jan. 1, 1978, includes reexports, formerly excluded.
- Annual total includes revisions not distributed to the months.
- Average for crop year; Aug. 1-Jul. 31.
- For five weeks; other months four weeks
- Monthly average.
- Less than 500 bales
- 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.
- 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.
- 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.
- Based on unadjusted data.

- See note "†" for this page.
  See last sentence of note "†" for this page.
  Monthly data discontinued for the year 1982; reinstated beginning Jan. 1983.
  Total includes backlog for nonrelated products and services and basic research.
- § Domestics comprise all cars assembled in the U.S. and cars assembled in Canada and imported to the U.S. under the provisions of the Automotive Products Trade Act of 1965.
- 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.
- (a 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.
- (a (a Includes passenger vans

## **BUSINESS STATISTICS: 1982**

Business Statistics: 1982 is the twenty-third in a series of supplements to the monthly SURVEY OF CURRENT BUSINESS. It presents data for approximately 1,900 series that are shown each month in the S (or "blue") pages of the SURVEY. The main body of the publication presents monthly data for 1979-82 and annual data for 1961-82. Appendix I provides monthly data for 1961-78 for approximately 250 of these series. Methodological notes describing sources, definitions, methods of compilation, revisions, and time span covered, follow the main body of tables.

Quarterly and annual data for 1951-82 for selected series prepared by the Bureau of Economic Analysis—National Income and Product Accounts (140 series), Plant and Equipment Expenditures (20 series), and U.S. International Transactions (30 series)—appear in Appendix II. Until recently these series had been shown in the blue pages of the SURVEY; now they are shown only in the white pages. Methodological notes for Appendix II follow the tables.

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

Copies of *Business Statistics: 1982* will be available in December; for price and ordering instructions, call (202) 523-0769 or 523-0783.

# INDEX TO CURRENT BUSINESS STATISTICS, Pages S1-S36

SECTIONS		Dishwashers 27	National parks, visits
General:		Disposition of personal income	New York Stock Exchange, selected data
Business indicators	1-5	Dividend payments	Nonferrous metals
Commodity prices	5, 6	Drugstores, sales	Oats
Construction and real estate	7, 8 8, 9	Earnings, weekly and hourly	Oils and fats
Domestic trade	•	Eating and drinking places	Outlays, U.S. Government
Labor force, employment, and earnings Finance		Electric power	Paint and paint materials
Foreign trade of the United States		Electrical machinery and equipment	Paper and products and pulp 2-4,
Transportation and communication		10-12, 15, 27 Employee-hours, aggregate, and indexes	6, 10–12, 15, 28, 29
Industry:		Employee-hours, aggregate, and indexes	Parity ratio
Chemicals and allied products	10 20	Explosives	Passports issued
Electric power and gas	20	Exports (see also individual commodities) 16, 17	Personal consumption expenditures 1
Food and kindred products; tobacco	20-23	Failures, industrial and commercial 5	Personal income
Leather and products	23	Farm prices	Personal outlays
Lumber and products	23, 24	Farm wages	10–12, 15, 17, 27, 28
Metals and manufactures	24-27	Federal Government finance	Pig iron
Petroleum, coal, and products Pulp, paper, and paper products	21, 28	Federal Reserve banks, large commercial	Plastics and resin materials
		Federal Reserve member banks	Population
Rubber and rubber products	29 30	Fertilizers	Poultry and eggs 5, 22
Textile products		Flooring, hardwood	Price deflator, implicit (PCE) 1
Transportation equipment	32	Flour, wheat	Prices (see also individual commodities)
Footnotes	33-35	Food products	Private sector employment, hours, earn-
	,- <del></del>	Foeign trade (see also individual commod.) 16-18 Freight cars (equipment)	ings 10-12
INDIVIDUAL SERIES		Fruits and vegetables5	Producer Price Indexes 6
Advertising	8, 12 32	Fuel oil 5, 28	Profits, corporate
Aerospace vehicles	32 13	Fuels	Pulp and pulpwood
Air carrier operations	18	Furniture	Purchasing power of the dollar 6
Air conditioners (room)	27	Gas, output, prices, sales, revenues	Radio and television
Alcohol departured and other	4, 32 19	Gasoline	Railroads 13, 16, 18, 32
Alcohol, denatured and ethylAlcoholic beverages		Glass and products	Ranges
Aluminum	25	Glycerin	Rayon and acetate         31           Real estate         8, 13
Apparel 2, 4-	5, 8-12	Gold 14 Grains and products 5, 6, 21, 22	Receipts, U.S. Government
Asphalt	28	Grocery stores	Refrigerators 27
Automobiles, etc 2-4, 6, 8, 9, 14, 15,		Gypsum and products	Registrations (new vehicles)
Banking	13, 14 21	Hardware stores	Rent (housing)
Barley Battery shipments	27	Heating equipment	Rice
Beef and veal	22	Help-wanted advertising index 12	Rubber and products (incl. plastics) 2-4,
Beverages 8,	17, 20	Hides and skins	6, 10–12, 29
Blast furnaces, steel mills	3-5	Highways and streets	Saving, personal
Brass and bronze	15-16 26	Home Loan banks, outstanding advances 8	Savings and loan assoc., new mortgage loans . 8 Savings deposits
Brick	30	Home mortgages 8	Securities issued
Building and construction materials	2, 4, 5	Hotels and motor-hotels	Security markets 15, 16
Building costs	7	Hours, average weekly	Services
Building permits	5	Household appliances, radios, and television sets 27	Sheep and lambs
Business sales and inventories	2, 3	Housing starts and permits	Silver
Butter	21	·	Spindle activity, cotton
Cattle and calves	22	Imports (see also individual commodities) 17, 18	Steel (raw) and steel manufactures
Chain-store sales, firms with 11 or more	30	Income, personal	Steel scrap         24           Stock market customer financing         15
stores	9	Industrial production indexes:	Stock prices, yields, sales, etc 16
Cheese	21	By industry 1, 2	Stone, clay, glass products 2-4, 10-12, 15, 30
Chemicals 2-4, 10-12, 15, 17		By market grouping	Sugar
Cigarettes and cigars	23	Installment credit	Sulfuric acid
Clay products	2-4, 30	Interest and money rates	Superphosphate
Coal	2, 27	Inventories, manufacturers' and trade 3, 4, 9	Tea imports
Cocoa	22	Inventory-sales ratios	Telephone and telegraph carriers
Coffee	22 27		Television and radio
Combustion, atmosphere, heating equip-	21	Labor advertising index	Tin 26
ment	26	Labor force	Tires and inner tubes
Communication		Lead	Tobacco and manufactures
Confectionery, sales	22	Leather and products 2, 6, 10-12, 23	Trade (retail and wholesale)
Contracts	7	Livestock	Transit lines, urban 18
Costs	7	also Consumer credit)	Transportation 6, 10-12, 15, 16, 18
Employment, unemployment, hours, earnings	1012	Lubricants 28	Transportation equipment 2-6, 10-12, 15, 17, 32 Travel
Highways and streets	7	Lumber and products 2, 6, 10-12, 23, 24	Truck trailers
Housing starts	<u>7</u>	Machine tools 26	Trucks (industrial and other) 26, 27, 32
New construction put in place	7	Machinery 2-6, 10-12, 15, 17, 26, 27	Unemployment and insurance 9, 10, 13
Consumer credit	14 1, 2	Manufacturers' sales (or shipments), inventories,	U.S. Government bonds
Consumer Price Index	1, 2 5, 6	orders	U.S. Government finance
Copper and copper products	25, 26	production workers, hours, earnings 10–12	Vacuum cleaners
Corn	21	Manufacturing production indexes	Variety stores 9
Cost of living (see Consumer Price Index)		Meat animals and meats 5, 22	Vegetables and fruits5
Credit, commercial bank, consumer	, 30, 31 14	Medical care	Veterans' unemployment insurance 13
Crops 5, 21	, 23, 39	Metals	Wages and salaries 1, 12
Crude oil	3, 27	Mining and minerals	Washers and dryers 27
Currency in circulation		Monetary statistics 15	Water heaters
Dairy products		Money and interest rates 14	Wholesale trade
Debt, U.S. Government Deflator, PCE		Money supply	Wood pulp 28
Department stores, sales, inventories		Motor carriers	Wool and wool manufactures
Deposits, bank		Motor vehicles 2-4, 6, 8, 9, 15, 17, 32	Zinc 26
3f			

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OFFICIAL BUSINESS



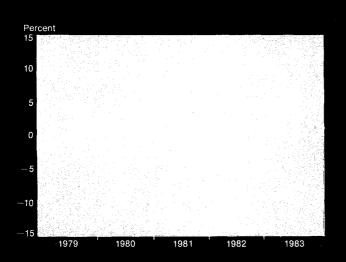
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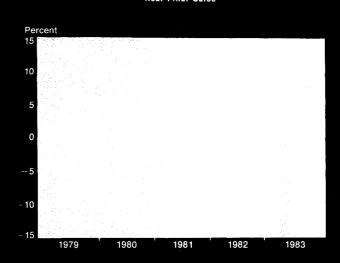
## In the third quarter

- Real GNP increased  $7\frac{1}{2}$  percent Real final sales increased 5 percent GNP fixed-weighted price index increased  $4\frac{1}{2}$  percent Real disposable personal income increased 7 percent

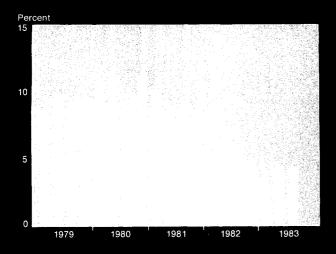
## Real GNP



## **Real Final Sales**



## GNP Fixed-Weighted Price Index



## Real Disposable Personal Income

