JANUARY 1987 / VOLUME 67 NUMBER 1

SURVEY OF CURRENT BUSINESS

UNITED STATES DEPARTMENT OF COMMERCE / BUREAU OF ECONOMIC ANALYSIS

JANUARY 1987 / VOLUME 67 NUMBER 1

SURVEY OF CURRENT BUSINESS

CONTENTS

Business Situation 1

National Income and Product Accounts Tables 9

Sales of Services to Foreigners 22

Input-Output Accounts of the U.S. Economy, 1981 42

State Quarterly Personal Income, 1983:I–1986:III 59

CURRENT BUSINESS STATISTICS

General S1

Industry S19

Footnotes S33

Subject Index (*Inside Back Cover*)

U.S. Department of Commerce

Malcolm Baldrige / *Secretary*

Robert Ortner / *Under Secretary for Economic Affairs*

Bureau of Economic Analysis

Allan H. Young / *Director*

Carol S. Carson / *Deputy Director*

Survey of Current Business

Editor-in-Chief: Carol S. Carson

Manuscript Editor: Dannelet A. Grosvenor

Managing Editor: Leland L. Scott

Staff Contributors to This Issue: Robert L. Brown, Douglas R. Fox, Gurmukh S. Gill, Linnea Hazen, Daniel J. Larkins, Mark A. Planting, Tracy R. Tapscott, Obie G. Whichard, Isabelle B. Whiston, National Income and Wealth Division.

SURVEY OF CURRENT BUSINESS. Published monthly by the Bureau of Economic Analysis of the U.S. Department of Commerce. Editorial correspondence should be addressed to the Editor-in-Chief, Survey of Current Business, Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230.

Annual subscription: *second-class mail*—$25.00 domestic, $31.25 foreign; *first-class mail*—$50.00. Single copy—$5.00 domestic, $6.25 foreign.

Mail subscription orders and address changes to the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. Make checks payable to Superintendent of Documents.

Second-class postage paid at Washington, DC and at additional mailing offices. (USPS 337-790).

The Secretary of Commerce has determined that the publication of this periodical is necessary in the transaction of the public business required by law of this Department. Use of funds for printing this periodical has been approved by the Director of the Office of Management and Budget through September 30, 1987.

U.S. DEPARTMENT OF COMMERCE DISTRICT OFFICES

AL, Birmingham 35203
2015 2nd Ave., N. 254-1331

AK, Anchorage 99513
701 C St. 271-5041

AR, Little Rock 72201
320 W. Capitol Ave. 378-5794

AZ, Phoenix 85073
201 N. Central Ave. 261-3285

CA, Los Angeles 90049
11777 San Vicente Blvd. 209-6707

CA, San Francisco 94102
450 Golden Gate Ave. 556-5860

CO, Denver 80202
721 - 19th St. 844-3246

CT, Hartford 06103
450 Main St. 722-3530

FL, Miami 33130
51 S.W. First Ave. 350-5267

GA, Atlanta 30309
1365 Peachtree St., N.E. 881-7000

GA, Savannah 31401
27 E. Bay St. 944-4204

HI, Honolulu 96850
300 Ala Moana Blvd. 546-8694

IA, Des Moines 50309
210 Walnut St. 284-4222

IL, Chicago 60603
55 E. Monroe St. 353-4450

IN, Indianapolis 46204
46 E. Ohio St. 269-6214

KY, Louisville 40202
U.S. P.O. & Courthouse Bldg. 582-5066

LA, New Orleans 70130
432 International Trade Mart 589-6546

MA, Boston 02116
441 Stuart St. 223-2312

MD, Baltimore 21202
415 U.S. Customhouse 962-3560

MI, Detroit 48226
231 W. Lafayette 226-3650

MN, Minneapolis 55401
110 S. 4th St. 349-3338

MO, Kansas City 64106
601 E. 12th St. 374-3142

MO, St. Louis 63105
120 S. Central Ave. 425-3302-4

MS, Jackson 39213
300 Woodrow Wilson Blvd. 960-4388

NC, Greensboro 27402
324 W. Market St. 378-5345

NE, Omaha 68102
300 S. 19th St. 221-3664

NJ, Trenton 08608
240 W. State St. 989-2100

NM, Albuquerque 87102
517 Gold, S.W. 766-2386

NV, Reno 89502
1755 E. Plum Lane 784-5203

NY, Buffalo 14202
111 W. Huron St. 846-4191

NY, New York 10278
26 Federal Plaza 264-0634

OH, Cincinnati 45202
550 Main St. 684-2944

OH, Cleveland 44114
666 Euclid Ave. 522-4750

OK, Oklahoma City 73105
4024 Lincoln Blvd. 231-5302

OR, Portland 97204
1220 S.W. 3rd Ave. 221-3001

PA, Philadelphia 19106
600 Arch St. 597-2866

PA, Pittsburgh 15222
1000 Liberty Ave. 644-2850

PR, San Juan 00918
Rm. 659-Federal Bldg. 753-4555

SC, Columbia 29201
1835 Assembly St. 765-5345

TN, Memphis 38111
3876 Central Ave. 521-4826

TN, Nashville 37239
One Commerce Place 251-5161

TX, Dallas 75242
1100 Commerce St. 767-0542

TX, Houston 77002
515 Rusk St. 229-2578

UT, Salt Lake City 84101
350 S. Main St. 524-5116

VA, Richmond 23240
400 N. 8th St. 771-2246

WA, Seattle 98109
1700 West Lake Ave., N. 442-5616

WI, Milwaukee 53202
517 E. Wisc. Ave. 291-3473

WV, Charleston 25301
500 Quarrier St. 347-5123

the BUSINESS SITUATION

THE pace of U.S. production slowed somewhat in the fourth quarter of 1986. Real GNP increased at an annual rate of 1½ percent, following increases ranging from ½ to 4 percent in the first three quarters of the year (chart 1). Inflation remained moderate in the fourth quarter. The GNP price index (fixed weights) increased at an annual rate of 2½ percent, the same rate as in two of the preceding three quarters.[1] For the year 1986, production increased 2.5 percent, about the same as in 1985; inflation, at 2.8 percent, was about 1 percentage point less than in 1985 and the lowest in almost two decades.

Sharp quarterly changes in 1986 in the major components of real GNP, of GNP prices, and of personal income reflected, in part, the effects of a number of major economic developments:

• *Petroleum price declines.*—Following OPEC members' formal abandonment of production quotas in late 1985, petroleum prices plunged to their lowest level in more than a decade. Energy prices fell substantially in each quarter of 1986 and led to a slowing in inflation. Domestic investment in petroleum exploration and drilling was sharply curtailed. Imports of petroleum and petroleum products, after dropping in the first quarter, surged to the highest levels since 1980.

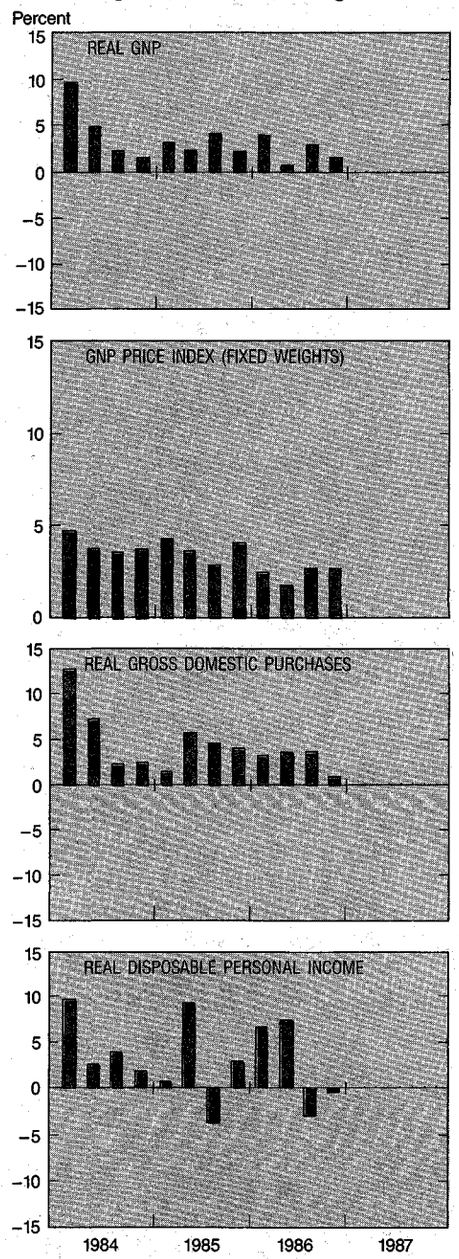
• *Motor vehicle sales incentives.*—Responding to an inventory buildup, domestic motor vehicle manufacturers offered extensive sales-incentive programs in the third quarter. New car and truck sales jumped to record levels, and inventories were liquidated. Sales fell back early in the fourth quarter, when the programs were terminated.

1. Quarterly estimates in the national income and product accounts are expressed at seasonally adjusted annual rates, and quarterly changes in them are differences between these rates. Quarter-to-quarter percent changes are annualized. Real, or constant-dollar, estimates are expressed in 1982 dollars.

The preliminary (15-day) GNP estimates for the fourth quarter, prepared in mid-January, are based on the following major source data: For *personal consumption expenditures* (PCE), retail sales through December, and unit auto and truck sales through December; for *nonresidential fixed investment*, the same information for autos and trucks as for PCE, October and November construction put in place, and October and November manufacturers' shipments of machinery and equipment; for *residential investment*, October and November construction put in place, and housing starts through December; for *change in business inventories*, October and November book values for manufacturing and trade, and unit auto inventories through December; for *net exports of goods and services*, October revised statistical month merchandise exports and imports, November statistical month merchandise exports, and fragmentary information on investment income for the quarter; for *government purchases of goods and services*, Federal unified budget outlays for October and November, State and local construction put in place for October and November, and State and local employment through December; and for *GNP prices*, the Consumer Price Index for October and November, the Producer Price Index through December, and statistical month unit-value indexes for exports and imports for October and November. Some of the source data are subject to revision.

CHART 1

Selected Measures: Change From Preceding Quarter



Note. — Percent change at annual rate from preceding quarter; based on seasonally adjusted estimates.

U.S. Department of Commerce, Bureau of Economic Analysis 87-1-1

Looking Ahead . . .

• ***Federal Fiscal Programs.*** An article discussing Federal fiscal programs, as presented in the fiscal 1988 Federal budget, will appear in the February issue of the SURVEY.

• ***State and Local Fiscal Position.*** An article discussing the fiscal position of State and local governments in 1986 will appear in the February issue of the SURVEY.

• *Interest rate declines.*—In general, interest rates fell throughout the year, reaching their lowest levels in nearly a decade. Lower interest rates were favorable to investment in 1986. Personal interest income dropped sharply in the second half of the year.

• *Dollar depreciation.*—The U.S. dollar depreciated sharply against the currencies of Japan and most major European trading partners, but depreciated much less or not at all against the currencies of Canada and most of the newly industrialized countries in Asia. U.S. exports strengthened in the second half of the year. Although increases in prices of imported goods other than petroleum picked up in 1986, U.S. imports remained strong throughout the year.

• *Farm price declines.*—Market prices for farm products, particularly crops, fell sharply over the year. Despite boosts from Federal subsidy payments, farm income was down substantially over the year. Farmers placed large amounts of crops with the Commodity Credit Corporation in the fourth quarter.

• *Federal tax law changes.*—The Tax Reform Act of 1986, after lengthy debate, was signed into law in October. The upsurge in consumer spending on motor vehicles in December may have been partly attributable to consumers' response to provisions of the act that affected deductions for sales taxes and loan interest payments. Other major provisions may have affected investment in 1986.

Real GNP

The increases in GNP in 1986 were associated with sharp, and partly offsetting, changes in final sales and in inventory investment (table 1). There were also sharp changes in the major components of final sales. Personal consumption expenditures registered sizable increases through the first three quarters but declined slightly in the fourth quarter. Nonresidential fixed investment declined each quarter, with an especially large drop in the first; residential investment increased each quarter, although the increases tapered in the second half of the year. Net exports registered increases in the first and fourth quarters and decreases in the second and third; on balance, the decreases exceeded the increases by a substantial amount. Government purchases, after a sharp decline in the first quarter, increased in the following three quarters.

Table 1.—Recent GNP Patterns

[Billions of 1982 dollars, seasonally adjusted at annual rates]

	Level	Change from preceding quarter			
	1986:IV	1986			
		I	II	III	IV
GNP	3,702.4	33.6	5.5	25.0	16.0
Motor vehicles	156.8	−2.7	−.5	−3.0	8.7
Other	3,545.6	36.3	6.0	28.0	7.3
Final sales	3,713.9	−11.4	30.2	40.4	27.2
Motor vehicles	153.4	−1.8	5.2	23.0	−15.8
Other	3,560.5	−9.6	25.0	17.4	43.0
Change in business inventories	−11.5	45.1	−24.8	−15.4	−11.2
Motor vehicles	3.4	−.9	−5.6	−25.9	24.4
Other	−14.9	46.0	−19.2	10.5	−35.6

NOTE.—Motor vehicle estimates are from the National Income and Products Accounts Tables, table 1.18 for auto output and 1.20 for truck output.

Although considerable portions of the third-quarter acceleration and the fourth-quarter deceleration in final sales were attributable to motor vehicles, the corresponding movements in GNP were not. On the contrary, movements in motor vehicle output countered those in GNP: Motor vehicle output declined somewhat more in the third quarter than it had in the second; in the fourth quarter, it swung to an increase.

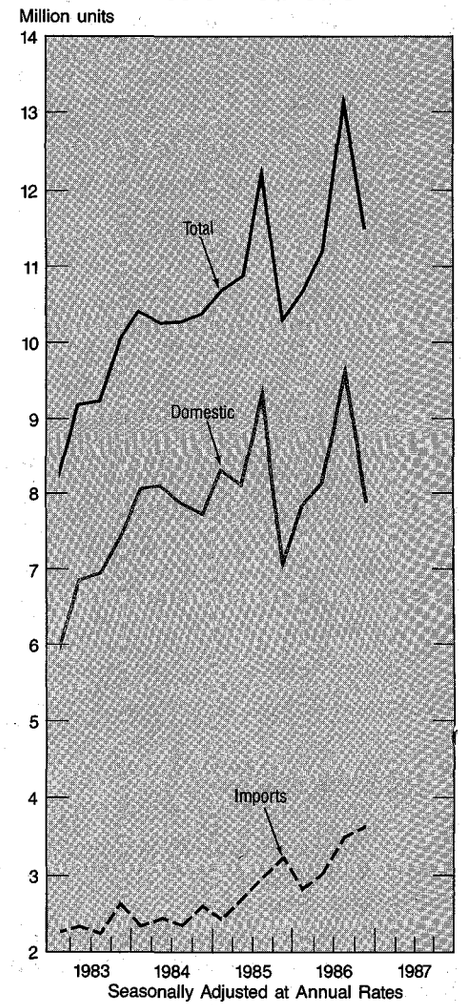
Motor vehicles.—Real motor vehicle output increased $8½ billion in the fourth quarter, following a $3 billion decline in the third. The swing was accounted for by auto output, which increased after a decline; truck output increased about the same in both quarters. Final sales of both autos and trucks increased sharply in the third quarter and fell sharply in the fourth. Investment in auto and truck inventories decreased sharply in the third quarter and increased sharply in the fourth.

In terms of units, sales of new cars fell to 11.5 million (seasonally adjusted annual rate) from a record 13.2 million in the third quarter; sales had been 11.2 million in the second quarter (chart 2). The movements in sales were largely accounted for by domestic car sales; imported car sales were up slightly in the fourth quarter, following a somewhat larger increase in the third.

The pattern of domestic sales in the third and fourth quarters largely reflected the impact of extensive sales-incentive programs that manufacturers offered beginning in late August. These programs featured financing rates considerably below prevailing market rates and were designed primarily to liquidate inventories of 1986 models, which had built to high levels in the spring and summer. Domestic car sales reached a record in September, and inventories plunged. Following the end of the programs, sales were particularly low in October and November. Sales rebounded in December; the pickup appears to reflect consumers' response to prospective changes in the Federal tax law. Effective January 1, 1987, the Tax Reform Act of 1986 eliminated, for taxpayers who itemize Federal income tax returns, the deduction for State sales tax and began phasing out the deduction for interest payments on consumer loans.

CHART 2

Retail Sales of New Cars



Data: Motor Vehicle Manufacturers Association of the United States, Inc., and Wards Automotive Reports; seasonally adjusted by BEA.

U.S. Department of Commerce Bureau of Economic Analysis 87-1-2

Unit sales of new trucks decreased to 4.9 million in the fourth quarter from a record 5.7 million in the third. The pattern largely reflected sales of light domestic trucks, which were covered by third-quarter incentive programs.

Personal consumption expenditures

Real personal consumption expenditures (PCE) decreased ½ percent in the fourth quarter, following a 7-percent increase in the third (table 2). The decrease in the fourth quarter—the first in PCE since the 1981-82 recession—and most of the strength in the third quarter were attributable to motor vehicles and parts.

Expenditures for durable goods, dominated by the fluctuations in motor vehicles, decreased 10 percent in the fourth quarter after an unusually large increase in the third. The nonvehicle categories of durables continued to increase: Furniture and household equipment increased by less in the fourth quarter than in the second and third quarters, and other durables increased even more in the fourth quarter than in the third. The step-up in other durables was largely attributable to purchases of gold coins; the "American Eagle" coin, sold largely through financial institutions, was first offered for sale in the fourth quarter.

Expenditures for nondurable goods changed little for the second consecutive quarter, following strong increases in the first two quarters. Only energy, following the course of expenditures for gasoline and oil, showed any strength in the fourth quarter. In response to declines in gasoline prices, gasoline and oil registered a third large increase that put the fourth-quarter level 14½ percent above that in the first quarter. Food increased modestly after dropping in the third quarter; clothing and shoes, as well as other nondurables, decreased after small increases.

Expenditures for services increased 2½ percent, about the same as earlier in the year. Household operation and transportation changed little in the fourth quarter after increases in the third. The slowing in the former component was due to lower expenditures in the fourth quarter for electricity and gas for home heating, reflecting the mild weather in many parts of the country; the slowing in the latter component was due to air travel expenditures, which declined after a strong increase. Housing and medical care increased about as much in the fourth quarter as in the third, and other services increased after a third-quarter decrease that had included a large drop in brokerage charges.

Table 2.—Real Personal Consumption Expenditures: Change From Preceding Quarter

[Percent change at annual rates; based on seasonally adjusted annual rates]

	1986			
	I	II	III	IV
Personal consumption expenditures	**3.6**	**6.2**	**6.7**	**−0.5**
Durables	−1.8	14.3	44.6	−10.1
Motor vehicles and parts	−8.4	18.2	91.4	−31.1
Furniture and household equipment	4.0	15.1	12.6	3.1
Other durables	2.0	4.0	19.3	33.0
Nondurables	6.5	8.0	−.9	.4
Food	5.6	2.8	−5.6	1.5
Clothing and shoes	14.0	12.9	1.5	−7.6
Energy [1]	1.8	38.7	12.2	12.8
Other nondurables	5.4	−2.3	1.1	−4.4
Services	3.2	2.6	2.4	2.3
Housing	2.5	3.0	2.8	2.7
Household operation	−12.6	4.4	6.3	.8
Energy [2]	−22.7	3.8	8.7	−1.0
Other	−.5	5.0	4.3	2.1
Transportation	3.4	4.9	8.3	0
Medical care	2.8	3.3	2.8	2.5
Other services	12.2	.2	−1.5	2.8

1. Gasoline and oil, and fuel oil and coal.
2. Electricity and gas.

NOTE.—Percent changes in major aggregates are found in the National Income and Product Accounts Tables, table 8.1. Dollar levels are found in table 2.3.

Nonresidential fixed investment

Real nonresidential fixed investment declined 3 percent in the fourth quarter, following a 2-percent decline in the third. Structures declined less than in the third quarter, and producers' durable equipment (PDE) declined after a small increase (table 3).

In structures, petroleum exploration and drilling increased slightly after a long and, earlier in 1986, steep decline. The increase suggests that most of the industry's retrenchment in response to the sharply lower level of petroleum prices has been completed. Evidence of an end to the free-fall in exploration and drilling include fourth-quarter increases in the number of seismic crews employed and of rotary rigs in operation. The fourth-quarter decline in structures other than petroleum was more than accounted for by commercial structures; high vacancy rates, perhaps combined with changes in the taxation of income from real estate tax shelters, help explain the weakness.

In PDE, transportation equipment declined, as drops in business purchases of autos and trucks were accompanied by a sizable decline in purchases of aircraft. A small increase in information processing and related equipment and a large increase in industrial equipment only partly offset the decline in transportation equipment.

The 3-percent decline in nonresidential fixed investment in the fourth quarter contrasts markedly with the sharp increase reported in BEA's survey of plant and equipment (P&E) expenditures. The two series frequently differ because of coverage and timing, among other things, and because one is an estimate of plans and the other is an estimate of realizations. Nevertheless, the difference between the two series in the fourth quarter is unusually large and presumably reflects, at least in part, the effect on fourth-quarter plans of cancellations and postponements earlier in the year. When actual expenditures fall short of plans early in the year, as they did in 1986, survey respondents apparently do not revise annual P&E targets down by the full amount of the shortfall; instead, plans for subsequent quarters are raised, perhaps to unrealizable levels.

Although most provisions of the Tax Reform Act of 1986 did not become effective before 1987, the expectation, and then the certainty, of major tax changes may have had some effect on the level, composition, and timing of investment activity in 1986. The magnitude, and even the direction, of this effect is difficult to estimate and may well have been dwarfed by considerations such as low levels of capacity utilization, high vacancy rates, declining interest rates, low cash flow, and sharply lower petroleum prices. Nevertheless, a brief review of the ways in which changes in the tax law could have affected investment may be useful.

Table 3.—Real Gross Domestic Fixed Investment: Change From Preceding Quarter

[Percent change at annual rates; based on seasonally adjusted annual rates]

	1986			
	I	II	III	IV
Gross private domestic fixed investment	**−8.4**	**3.5**	**1.2**	**−0.8**
Nonresidential	−15.1	−.9	−2.1	−3.0
Structures	−10.8	−35.2	−9.8	−3.4
Producers' durable equipment	−17.0	19.6	1.2	−2.8
Residential	11.0	14.5	9.7	4.3

NOTE.—Percent changes in major aggregates are found in the National Income and Product Accounts Tables, table 8.1. Dollar levels are found in table 1.2.

Reference has already been made to the possibility that the weakness in commercial structures may have been exacerbated by restrictions on the use of real estate tax shelters. Other provisions of the new tax law that might have had direct effects on investment last year include the retroactive repeal of the investment tax credit, the modification of depreciation schedules, and the 1987 reduction in the corporate income tax rate.

Repeal of the investment tax credit effectively increased the cost of PDE; businesses, therefore, had an incentive to reduce purchases of PDE and, perhaps, to substitute some investment in structures for PDE. This effect was mitigated by the existence of credits carried over from earlier years.

The modified depreciation schedules are less liberal than the previous schedules for some types of assets and more liberal for others. For assets (such as autos and structures) that are treated less liberally under the new law, businesses had an incentive to shift purchases from 1987 and subsequent years into 1986 in order to lock in the old depreciation schedules. This incentive was mitigated by the transition rules that are provided in the new law. Assets for which businesses had signed binding contracts on or before March 1, 1986, need not be placed in service during 1986 in order to qualify for the old depreciation schedules. For assets that are treated more liberally under the new law, businesses did not have a comparable incentive to postpone purchases because they had the option of electing either the old or the new schedules for assets placed in service during the last 5 months of the year.

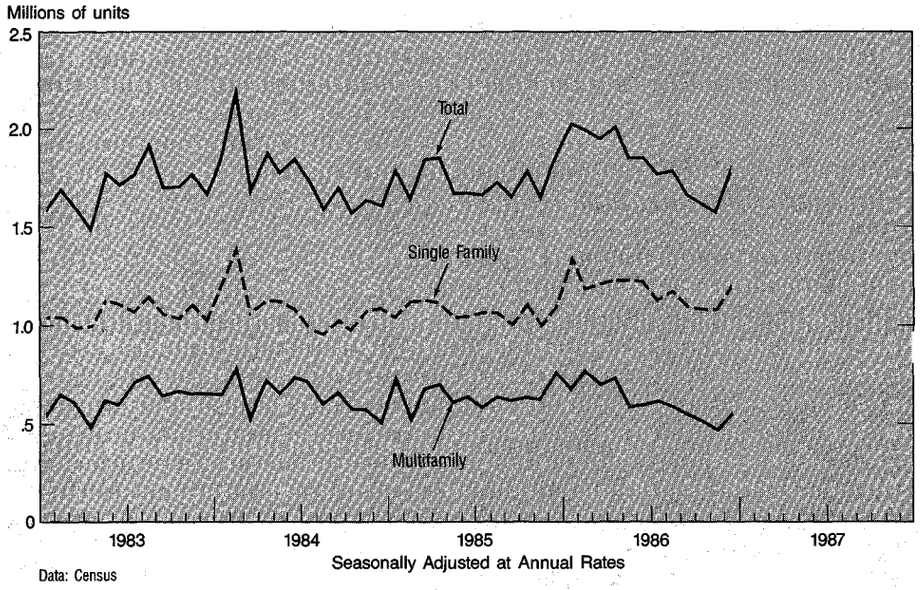
The reduction in the corporate income tax rate provides a clear incentive to shift investments from 1987 into 1986 because the higher the tax rate, the more valuable a given amount of depreciation. If, for example, the tax rate is 46 percent, $100 of depreciation reduces taxes (and increases after-tax profits) by $46; if the tax rate is 34 percent, taxes are reduced only $34.

Residential investment

Real residential investment increased 4½ percent in the fourth quarter, following a 9½-percent increase in the third. The deceleration was in single-family investment, which was unchanged after a substantial increase in the third quarter.

CHART 3

Housing Starts



Data: Census

U.S. Department of Commerce, Bureau of Economic Analysis 87-1-3

Multifamily investment and other residential investment—which includes major additions and alterations, mobile home sales, and brokers' commissions on house sales—both swung from small third-quarter declines to moderate fourth-quarter increases.

The path of single-family investment in 1986 was markedly different from the path of single-family starts. Single-family starts, after climbing to a high level—1,253,000 units (seasonally adjusted annual rate)—in the first quarter, dropped 15,000 units in the second quarter, 96,000 in the third, and 15,000 in the fourth (chart 3). Single-family investment, in contrast, increased in both the second and third quarters and, as noted above, was flat in the fourth. Divergent movements in starts and investment are not infrequent, and usually arise from lags in the construction process and from changes in the average value of new houses (which is used in valuing starts in the estimation of single-family investment). Both factors were important in 1986.

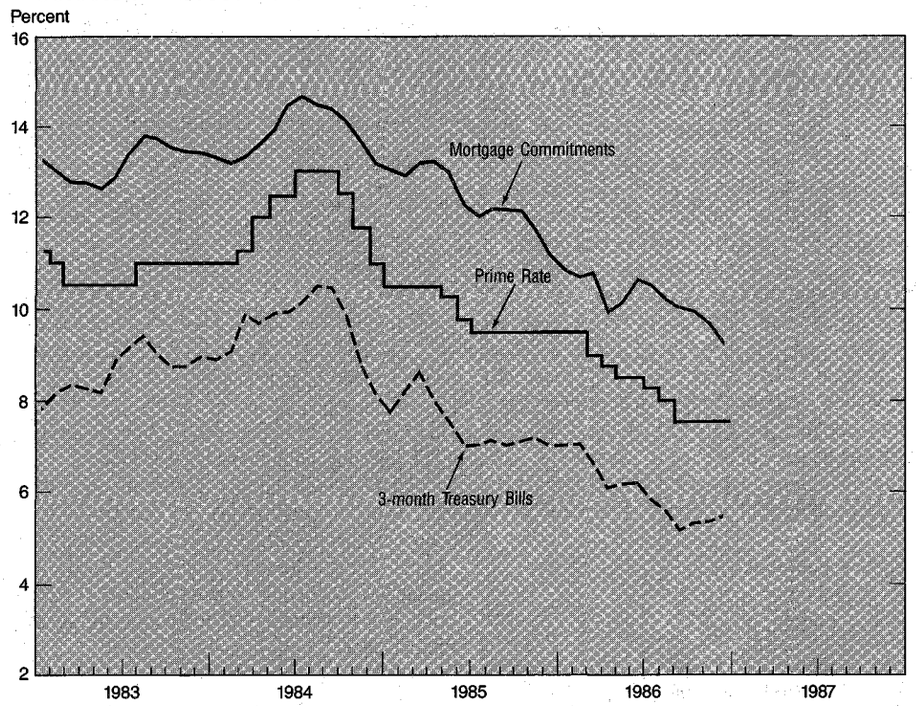
Changes in average value were affected by two kinds of shifts in the composition of starts. Starts of units for sale (i.e., speculative starts) were an unusually large share of total single-family starts in the first quarter and declined to a more normal share by the third; the converse was true of units started under contract (i.e., custom-built starts). During this period, custom-built starts were valued, on average, about 5 percent higher than speculative starts. The change in the composition of starts during the year, therefore, pushed average values up and tended to offset, in the investment estimates, the effect of the decline in the number of starts. A similar effect was produced by changes in the geographical distribution of starts. During the year, an increasing share of starts was located in the Northeast, where prices were $36,000 higher than the national average in the first quarter and $44,000 higher in the third. The shift in activity toward the Northeast, therefore, also tended to offset the decline in the total number of starts.

Multifamily investment changed little over the second half of the year after increasing over the first half. The slowdown is consistent with reported overbuilding in many areas of the country and with changes in taxation of income from real estate tax shelters.

The modest fourth-quarter increase in "other" residential investment was in brokers' fees on sales and in major additions and alterations. Brokers' fees reflected the path of house sales, which were stimulated by declining interest rates. The mortgage commitment rate dropped from 10.68 percent at the end of the second quarter to 10.01 percent at the end of the third, and to 9.31 percent at the end of the fourth (chart 4).

CHART 4

Selected Interest Rates



Data: FRB, FHLMC.

U.S. Department of Commerce, Bureau of Economic Analysis 87-1-4

Inventory investment

Real inventory investment decreased $11 billion in the fourth quarter, following even larger drops in the preceding two quarters (table 4). These changes reflected a substantial and progressive movement in inventories from an accumulation of $40 billion in the first quarter to a decumulation of $11½ billion in the fourth.

The progressive movement in total inventories masked sharp changes within the components, particularly auto and farm inventories. As noted earlier in the section on motor vehicles, inventories built up in the spring and plunged in the third quarter; in the fourth quarter, they declined slightly. For retail auto dealers, the large changes amounted to plus $17 billion in the first quarter, and minus $22 billion in the third quarter.[2]

Farm inventories decumulated $15½ billion in the fourth quarter; accumulation over the first three quarters of the year had totaled about the same amount. The fourth-quarter decumulation occurred as farmers placed large amounts of crops with the Commodity Credit Corporation (CCC) under the commodity loan program.

Nonfarm inventories other than those held by retail auto dealers registered increases ranging from $13 billion to $20 billion in the first three quarters of the year, before tapering off to a $5½ billion increase in the fourth. Most of the accumulations over the year were in wholesale inventories, mainly in inventories of autos and food, and in retail inventories other than those held by auto dealers, in inventories of both durable and nondurable goods. Manufacturing inventories decreased slightly in the fourth quarter and substantially in two of the preceding three quarters. The decumulations were largely in inventories of durable goods, mainly in primary metals and in nonelectrical machinery.

The constant-dollar ratio of total inventories to total final sales dropped from 3.20 in the third quarter to 3.16 in the fourth. Most of the drop reflected the impact of farmers' stepped-up placements of crops with the CCC, which affected both inventories and final sales. A variant of the ratio that is adjusted for CCC inventory change increased slightly in the fourth quarter—to 3.31 from 3.30 in the third quarter. (See the August 1986 "Business Situation" for a discussion of this variant and a guide as to when it may provide useful perspective on the published ratio.) Both ratios, however, indicate that, from a historical perspective, inventories are low relative to sales.

Net exports

Real net exports of goods and services increased $7½ billion in the fourth quarter, following a decrease of $9½ billion in the third. Most of the improvement was attributable to imports, which increased much less than in the third quarter.

Exports increased $14 billion, or 16 percent, in the fourth quarter, compared with $11½ billion, or 13½ percent, in the third (table 5). Within merchandise, both agricultural and nonagricultural exports increased substantially for the second consecutive quarter. The upturn in agricultural exports, after declines in the first half of the year, appears to be partly due to increased price competitiveness of U.S. farm products following implementation of the Food Security Act of 1985 for the 1986 crops.

2. In general, the estimates for inventories of retail auto dealers, which are derived from Census Bureau book value inventory data, cover most auto inventories—including inventories of new and used autos, domestic and foreign—but do not include those held by manufacturers and wholesalers. The data for retail auto dealers cover, in addition to autos, some trucks and other motorized vehicles, and also parts. The change in business inventory estimates for retail auto dealers differ in terms of sources and coverage from the change in inventories of autos and trucks that are part of the motor vehicle output estimates.

Table 4.—Change in Real Business Inventories

[Billions of 1982 dollars; seasonally adjusted at annual rates]

	Level					Change from preceding quarter			
	1985	1986				1986			
	IV	I	II	III	IV	I	II	III	IV
Change in business inventories	**−5.2**	**39.9**	**15.1**	**−0.3**	**−11.5**	**45.1**	**−24.8**	**−15.4**	**−11.2**
Farm	−21.3	2.9	4.1	8.3	−15.7	24.2	1.2	4.2	−24.0
Nonfarm	16.1	37.0	11.0	−8.6	4.2	20.9	−26.0	−19.6	12.8
Manufacturing	−10.5	−5.3	1.0	−6.5	−.7	5.2	6.3	−7.5	5.8
Wholesale trade	3.4	6.9	5.1	9.7	.1	3.5	−1.8	4.7	−9.6
Retail trade	17.8	28.3	−4.0	−13.1	4.5	10.5	−32.3	−9.1	17.6
Other	5.4	7.1	8.9	1.2	.3	1.7	1.8	−7.7	−.9

NOTE.—Dollar levels for inventories are found in the National Income and Product Accounts Tables, table 5.11.

Table 5.—Real Net Exports of Goods and Services: Change From Preceding Quarter

[Percent change at annual rates; based on seasonally adjusted annual rates]

	1986			
	I	II	III	IV
Net exports of goods and services				
Exports	7.1	−9.8	13.3	16.1
Merchandise	7.6	−8.0	22.0	24.4
Agricultural	−12.4	−39.3	69.3	53.6
Nonagricultural	11.2	−2.5	16.7	20.6
Services	6.4	−12.8	−.7	2.1
Imports	.2	15.8	17.3	4.8
Merchandise	1.3	22.2	24.4	3.7
Petroleum	−43.8	166.0	92.5	−14.7
Nonpetroleum	13.5	4.9	12.3	8.8
Services	−4.2	−6.5	−8.9	9.7

NOTE.—Percent changes in major aggregates are found in the National Income and Product Accounts Tables, table 8.1. Dollar levels are found in tables 4.2 and 4.4.

From April through October, the export price of major crops dropped sharply: For example, cotton, by 37 percent; rice, by 33 percent; wheat, by 17 percent; and corn, by 29 percent.

Among nonagricultural exports, the increase was widespread, lending support to the hypothesis that they have begun to show the effect of the continued depreciation of the dollar against the currencies of some of the major U.S. trading partners. Within exports of services, income on U.S. investment abroad decreased somewhat less than in the third quarter; it had dropped substantially in the second quarter, when profits of foreign petroleum affiliates were cut sharply.

Imports increased $6½ billion, or 4½ percent, in the fourth quarter, compared with $21 billion, or 17½ percent, in the third. The slowing was more than accounted for by merchandise, primarily petroleum and petroleum products.

Imports of petroleum declined $3½ billion, or 14½ percent, in the fourth quarter, following a $13 billion increase in the third and an even larger one in the second. These sharp changes, as well as a drop in the first quarter, were largely responses—after allowance for delivery time and contracting arrangements, and including speculation about future price developments—to the changes in world petroleum prices. In historical perspective, the third- and fourth-quarter levels of petroleum imports were high—the highest since 1980. These levels were roughly midway between the $105 billion level registered in the 3 years just before the runup in petroleum prices initiated in 1979 and the $60 billion level to which imports had fallen in 1982–85.

Imports of nonpetroleum products increased $7½ billion, or 9 percent, compared with $10 billion, or 12½ percent, in the third quarter. Although the increase in the fourth quarter was smaller than that in the third, it was about the same as the average for the first three quarters of 1986. Further, the strength persisted despite several quarters of increasing prices for most categories of nonpetroleum imports and a slowing in U.S. demand—as measured by gross domestic purchases—to an increase of 1 percent in the fourth quarter from increases of 3 - 3½ percent in earlier quarters. Imports of services increased in the fourth quarter after a decline in the third; the fourth-quarter increase reflected a higher level of income payments on foreign portfolio investment in the United States.

Government purchases

Real government purchases increased 13 percent in the fourth quarter, following a 4½-percent increase in the third (table 6). The sharp changes in government purchases in the past several quarters were largely traceable to Federal national defense purchases and to transactions of the CCC in Federal nondefense purchases.

National defense purchases declined in the fourth quarter, following two quarters of strong increases. The turnaround was due to a slowdown in deliveries of military equipment and to a decline after two quarters of increases in services other than compensation of employees.

The change in inventories of farm products held by the CCC swung sharply in the second half of 1986, following moderate increases in the first half. In the third quarter, CCC inventories declined $2½ billion, as withdrawals of crops exceeded additions. The additions were primarily new loans under the commodity loan program. (Commodity loan transactions are treated in the national income and product accounts as a purchase by the CCC with an offset in farm inventories.) The withdrawals included not only redemptions of crops previously placed under loan but also redemptions using certificates issued by the CCC as deficiency payments in lieu of cash. In the fourth quarter, CCC inventories jumped $22½ billion, mainly because of new loans for corn. Other nondefense purchases were up slightly in the fourth quarter, following several quarters of decline.

Table 6.—Real Government Purchases of Goods and Services: Change From Preceding Quarter

[Percent change at annual rates; based on seasonally adjusted annual rates]

	1986			
	I	II	III	IV
Government purchases of goods and services	−12.3	9.7	4.5	13.2
Federal	−27.5	11.0	2.5	30.2
National defense	−1.0	19.0	17.2	−4.4
Nondefense	−67.1	−10.3	−34.6	238.7
Commodity Credit Corporation inventory change				
Other	−1.6	−1.6	−5.3	2.2
State and local	2.6	8.7	6.1	1.1

NOTE.—Percent changes in major aggregates are found in the National Income and Product Accounts Tables, table 8.1. Dollar levels are found in table 3.8B.

State and local government purchases increased at a much slower pace than in the preceding two quarters. The pattern largely reflected that of highway construction, which declined after two quarters of strong increases.

GNP Prices

The GNP price index (fixed weights) increased at a moderate pace throughout 1986, while the price index for gross domestic purchases accelerated in the second half of the year (table 7). The different pattern was largely attributable to prices of imports, which are subtracted out in deriving GNP prices but not in deriving gross domestic purchases prices. The sharp declines in import prices in the first half of the year were mainly due to petroleum prices, which plunged 55 percent in the first quarter and 86 percent in the second. Petroleum prices were down much less in the third quarter and turned up in the fourth following OPEC members' agreement to reinstate production quotas. Prices of nonpetroleum industrial supplies and materials declined in the first half of the year and increased in the second. Prices of the other end-use categories of imported goods increased throughout the year; prices of capital goods, consumer goods, and other goods registered larger increases in the second half of the year than in the first.

PCE prices increased 3½ percent in both the third and fourth quarters, following smaller changes in the first half of the year. Food prices were up less in the fourth quarter than in the

Table 7.—Price Indexes (Fixed Weights): Change From Preceding Quarter

[Percent change at annual rates; based on index numbers (1982=100), seasonally adjusted]

	1986			
	I	II	III	IV
GNP	2.5	1.7	2.6	2.6
Less: Exports	2.0	−1.3	−1.7	.5
Plus: Imports	−7.0	−15.5	−.1	9.4
***Equals:* Gross domestic purchases**	1.6	.4	2.8	3.4
Less: Change in business inventories				
***Equals:* Final sales to domestic purchasers**	1.6	.3	2.8	3.3
Personal consumption expenditures	1.5	−.4	3.4	3.5
Food	.9	2.0	8.5	5.2
Energy [1]	−12.1	−33.0	−12.1	−9.9
Other personal consumption expenditures	3.3	3.0	3.7	4.3
Other	1.6	1.7	1.6	3.0
Nonresidential structures	−.3	1.5	1.0	1.0
Producers' durable equipment	.9	2.6	2.6	2.3
Residential investment	2.6	4.7	2.1	1.9
Government purchases	2.1	1.0	1.3	3.9

1. Gasoline and oil, fuel oil and coal, and electricity and gas.

NOTE.—Percent changes in major aggregates are found in the National Income and Product Accounts Tables, table 8.1 Most index numbers levels are found in tables 7.1 and 7.3.

third, but considerably more than in the first half of the year. Energy prices declined steeply throughout the year. Prices of gasoline and oil and of fuel oil and coal declined in each quarter, with particularly sharp drops in the second quarter; prices of electricity and gas changed little in the first three quarters and declined in the fourth. Other PCE prices accelerated in the second half of the year. The acceleration was concentrated in several categories of goods, notably motor vehicles, other durables, clothing and shoes, and other nondurables.

Increases in the prices of the investment components were quite similar in the third and fourth quarters. For the most part, these components had registered small to moderate increases in the first half of the year as well. Prices paid by government increased 4 percent in the fourth quarter, considerably higher than in earlier quarters of the year. About 0.7 percentage point of the increase was due to a one-time employer contribution to a pension fund administered by Los Angeles County; such contributions are treated in the national income and product accounts as a temporary increase in the price of employee services purchased by government.

Personal Income

Increases in personal income in the third and fourth quarters of 1986 were weak relative to those in the first half of the year. Personal income increased $34½ billion in the fourth quarter, following a $15½ billion increase in the third; increases in the preceding two quarters had averaged $50 billion (table 8). The weakness in personal income was not traceable to wages and salaries, which strengthened during the second half of the year, but, rather, to the timing of agricultural subsidy payments and to a sharp falloff in interest income.

Wage and salary disbursements increased $30 billion in the fourth quarter, following increases of $22½ billion in the third and $14½ billion in the second. The progressive improvement was primarily accounted for by wages and salaries in the manufacturing and distributive industries, although the other major private industries also contributed. In the fourth quarter, the step-up in private wages and salaries largely reflected stronger increases in employment and average hourly earnings; in the third, employment had picked up and average weekly hours had increased after a decline. Government wages and salaries increased about the same in the fourth quarter as in earlier quarters.

Farm proprietors' income increased $2½ billion in the fourth quarter, following a $20 billion decline in the third. The sharp changes in farm income in the past several quarters largely reflected the pattern of Federal agricultural subsidy payments. These payments amounted to $3½ billion in the first quarter, a record $19 billion in the second, $4½ billion in the third, and $11½ billion in the fourth. A major part of the fourth-quarter payments were deficiency payments—payments made when the market price of a crop is below the target price set by the CCC—on the 1986 wheat crop. Farm income excluding subsidies declined $4 billion, following declines in the preceding three quarters. The weakness in 1986 reflected declines in both farm prices and production. Nonfarm proprietors' income increased somewhat less than in preceding quarters, reflecting slowdowns in construction and retail trade.

Personal interest income dropped sharply in the third and fourth quarters—$6½ billion and $7 billion, respectively—after changing little earlier in the year. The drops reflected continued declines in interest rates in 1986, which reduced returns on financial assets with adjustable rates, such as money market accounts. Moreover, interest rates have fallen to the lowest level in several years; thus, as intermediate-term assets, such as savings certificates, reached maturity, funds were rolled over into assets with considerably lower rates of return.

Table 8.—Personal Income and Its Disposition: Change From Preceding Quarter

[Billions of dollars; based on seasonally adjusted annual rates]

	1986			
	I	II	III	IV
Wage and salary disbursements	31.3	14.7	22.3	30.0
Manufacturing	3.0	−1.7	1.2	5.8
Other commodity-producing	1.3	.5	−.2	1.1
Distributive	6.3	−.9	4.0	5.9
Services	15.0	11.7	11.3	11.2
Government and government enterprises	5.6	5.3	5.9	6.0
Other labor income	2.8	2.8	3.1	2.6
Proprietors' income	3.2	23.8	−11.6	6.2
Farm	−5.0	15.1	−19.9	2.6
Nonfarm	8.2	8.7	8.4	3.6
Rental income of persons	4.5	3.5	−.1	.8
Personal dividend income	2.4	2.0	.9	.7
Personal interest income	.2	−.7	−6.3	−7.1
Transfer payments	11.1	5.4	8.4	3.2
Less: Personal contributions for social insurance	5.7	.9	1.3	1.7
Personal income	**49.7**	**50.7**	**15.5**	**34.6**
Less: Personal tax and nontax payments	−3.2	7.3	14.2	13.2
***Equals:* Disposable personal income**	**52.9**	**43.4**	**1.4**	**21.3**
Less: Personal outlays	33.0	36.1	70.3	23.1
***Equals:* Personal saving**	**19.8**	**7.5**	**−69.0**	**−1.8**
Addenda: Special factors in personal income:				
In wages and salaries:				
Federal Government and Postal Service pay adjustments	.1	0	.4	.2
In farm proprietors' income:				
Agricultural subsidy payments	.1	15.4	−14.2	6.8
In transfer payments:				
Social security retroactive payments	.5	−.5	2.0	−2.0
Cost-of-living increases in Federal transfer payments	6.7			
In personal contributions for social insurance:				
Social security base and rate changes	3.5			

NOTE.—Most dollar levels are found in the National Income and Product Accounts Tables, table 2.1.

Transfer payments increased $3 billion in the fourth quarter, following an $8½ billion increase in the third. Changes in transfer payments in the past several quarters largely reflected the impact of special factors. In the first quarter of 1986, cost-of-living adjustments to social security and several other Federal programs amounted to $6½ billion. Such adjustments raise transfer payments to a permanently higher level; thus, the change in payments was boosted $6½ billion in the first quarter and was unaffected thereafter. In the third quarter, retroactive social security payments amounting to $2 billion were made to

recent retirees. Such payments are one-time catch-ups; thus, the change in payments was raised $2 billion in the third quarter and reduced $2 billion in the fourth.

Fourth-quarter changes in the remaining components of personal income were, for the most part, small and similar to those in the third quarter. Combined, these components, particularly rental income of persons and personal dividend income, contributed to the slowing in personal income in the second half of the year.

Personal tax and nontax payments were up strongly in the third and fourth quarters—$14 billion and $13 billion, respectively. Reflecting the weakness in personal income and the strong increases in personal tax and nontax payments, disposable personal income (DPI) was considerably weaker in the second half of the year than in the first half. DPI increased $21½ billion in the fourth quarter, following an increase of $1½ billion in the third; increases in the first two quarters of the year had averaged nearly $50 billion. For real DPI, these differences were augmented by the course of PCE prices, which were up somewhat more in the second half of the year than in the first. Real DPI declined ½ percent in the fourth quarter, following a 3-percent decline in the third; real DPI had registered increases of 6½ and 7 percent in the first two quarters of the year.

Reflecting changes in current-dollar DPI and personal outlays, personal saving declined slightly in the fourth quarter, following a huge decline in the third; personal saving had increased in the first half of the year. The personal saving rate, which had dropped sharply to 2.8 percent in the third quarter from about 5 percent in the first half of the year, declined a bit further in the fourth. At 2.7 percent, the saving rate was at its lowest level in nearly 40 years.

National Income and Product Accounts Tables

New estimates in this issue: Fourth quarter and annual 1986, preliminary (p).

Estimates for 1929–82 are in *The National Income and Product Accounts, 1929–82: Statistical Tables* (Stock No. 003-010-00174-7, price $23.00). Estimates for 1983–85 are in the July 1986 SURVEY. These publications are available from the Superintendent of Documents and Commerce Department District Offices; see addresses inside front cover.

The full set of National Income and Product Accounts estimates shown regularly in this part of the SURVEY are available on diskette for $240 per year (12 updates). For more information, write to the Bureau of Economic Analysis (BE-54), U.S. Department of Commerce, Washington, DC 20230.

Table 1.1.—Gross National Product

[Billions of dollars]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
Gross national product	**3,998.1**	**4,208.5**	**4,030.5**	**4,087.7**	**4,149.2**	**4,175.6**	**4,240.7**	**4,268.4**
Personal consumption expenditures	**2,600.5**	**2,762.4**	**2,627.1**	**2,667.9**	**2,697.9**	**2,732.0**	**2,799.8**	**2,819.9**
Durable goods	359.3	388.3	373.3	362.0	360.8	373.9	414.5	404.2
Nondurable goods	905.1	932.7	907.4	922.6	929.7	928.4	932.8	940.0
Services	1,336.1	1,441.3	1,346.4	1,383.2	1,407.4	1,429.8	1,452.4	1,475.7
Gross private domestic investment	**661.1**	**686.4**	**657.4**	**669.5**	**708.3**	**687.3**	**675.8**	**674.5**
Fixed investment	650.0	675.1	654.3	672.6	664.4	672.8	680.3	682.7
Nonresidential	458.2	458.5	459.8	474.0	459.2	457.5	459.0	458.1
Structures	154.8	143.6	155.0	157.2	154.6	141.5	139.5	138.6
Producers' durable equipment	303.4	314.9	304.7	316.8	304.6	316.0	319.5	319.5
Residential	191.8	216.6	194.5	198.6	205.3	215.3	221.3	224.6
Change in business inventories	11.1	11.4	3.1	−3.1	43.8	14.5	−4.5	−8.3
Nonfarm	12.2	11.8	3.2	16.7	41.2	10.5	−10.3	5.7
Farm	−1.1	−.4	−.1	−19.9	2.7	3.9	5.8	−13.9
Net exports of goods and services	**−78.9**	**−105.7**	**−83.7**	**−105.3**	**−93.7**	**−104.5**	**−108.9**	**−115.6**
Exports	369.8	373.0	362.3	368.2	374.8	363.0	370.8	383.4
Imports	448.6	478.7	446.0	473.6	468.5	467.5	479.7	499.0
Government purchases of goods and services	**815.4**	**865.3**	**829.7**	**855.6**	**836.7**	**860.8**	**874.0**	**889.7**
Federal	354.1	367.2	360.9	380.9	355.7	367.6	369.3	376.3
National defense	259.4	278.4	265.5	268.0	266.4	278.4	286.8	281.9
Nondefense	94.7	88.9	95.5	112.9	89.3	89.2	82.6	94.4
State and local	461.3	498.1	468.8	474.7	480.9	493.3	504.7	513.3

NOTE.—Percent changes from preceding period for selected items in this table are shown in table 8.1.

Table 1.2.—Gross National Product in Constant Dollars

[Billions of 1982 dollars]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
Gross national product	**3,585.2**	**3,676.5**	**3,603.8**	**3,622.3**	**3,655.9**	**3,661.4**	**3,686.4**	**3,702.4**
Personal consumption expenditures	**2,324.5**	**2,418.6**	**2,342.0**	**2,351.7**	**2,372.7**	**2,408.4**	**2,448.0**	**2,445.1**
Durable goods	343.9	368.9	357.4	347.0	345.4	357.1	391.6	381.3
Nondurable goods	841.6	872.4	843.8	847.2	860.6	877.3	875.4	876.2
Services	1,139.0	1,177.3	1,140.8	1,157.5	1,166.6	1,174.0	1,181.0	1,187.6
Gross private domestic investment	**647.7**	**659.7**	**643.8**	**653.2**	**684.0**	**664.7**	**651.3**	**638.8**
Fixed investment	638.6	648.9	643.1	658.4	644.1	649.6	651.6	650.3
Nonresidential	461.4	455.0	463.1	476.9	457.8	456.8	454.4	451.0
Structures	152.2	134.7	152.3	152.4	148.1	132.9	129.5	128.4
Producers' durable equipment	309.2	320.3	310.9	324.5	309.7	323.9	324.9	322.6
Residential	177.2	193.9	180.0	181.5	186.3	192.7	197.2	199.3
Change in business inventories	9.0	10.8	.7	−5.2	39.9	15.1	−.3	−11.5
Nonfarm	10.9	10.9	1.4	16.1	37.0	11.0	−8.6	4.2
Farm	−1.9	−.1	−.7	−21.3	2.9	4.1	8.3	−15.7
Net exports of goods and services	**−108.2**	**−149.7**	**−113.8**	**−132.0**	**−125.9**	**−153.9**	**−163.3**	**−155.6**
Exports	362.3	371.3	355.8	362.9	369.2	359.8	371.2	385.3
Imports	470.5	521.0	469.6	494.8	495.1	513.6	534.5	540.8
Government purchases of goods and services	**721.2**	**748.0**	**731.8**	**749.4**	**725.2**	**742.2**	**750.4**	**774.1**
Federal	323.6	333.4	329.9	347.2	320.4	328.9	330.9	353.5
National defense	235.7	251.0	242.2	239.3	238.7	249.3	259.4	256.5
Nondefense	87.8	82.4	87.6	107.9	81.7	79.5	71.5	97.0
State and local	397.6	414.5	401.9	402.2	404.8	413.3	419.5	420.6

NOTE.—Percent changes from preceding period for selected items in this table are shown in table 8.1.

Table 1.3.—Gross National Product by Major Type of Product

[Billions of dollars]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
Gross national product	**3,998.1**	**4,208.5**	**4,030.5**	**4,087.7**	**4,149.2**	**4,175.6**	**4,240.7**	**4,268.4**
Final sales	3,987.0	4,197.1	4,027.4	4,090.8	4,105.4	4,161.2	4,245.2	4,276.7
Change in business inventories	11.1	11.4	3.1	−3.1	43.8	14.5	−4.5	−8.3
Goods	**1,630.2**	**1,673.0**	**1,642.7**	**1,644.1**	**1,669.0**	**1,661.5**	**1,680.2**	**1,681.1**
Final sales	1,619.1	1,661.6	1,639.7	1,647.2	1,625.2	1,647.1	1,684.7	1,689.4
Change in business inventories	11.1	11.4	3.1	−3.1	43.8	14.5	−4.5	−8.3
Durable goods	700.2	719.7	710.3	709.1	710.6	703.1	730.1	735.0
Final sales	693.6	715.5	713.0	699.6	682.0	703.2	745.7	731.1
Change in business inventories	6.6	4.2	−2.7	9.5	28.6	−.1	−15.6	3.9
Nondurable goods	930.0	953.3	932.5	935.0	958.4	958.5	950.1	946.1
Final sales	925.5	946.1	926.7	947.7	943.1	943.9	939.0	958.3
Change in business inventories	4.5	7.2	5.8	−12.7	15.3	14.6	11.1	−12.2
Services	**1,959.8**	**2,105.5**	**1,971.9**	**2,025.5**	**2,057.7**	**2,087.4**	**2,125.2**	**2,151.7**
Structures	**408.1**	**430.0**	**415.9**	**418.1**	**422.6**	**426.7**	**435.3**	**435.7**

NOTE.—Percent changes from preceding period for selected items in this table are shown in table 8.1.

Table 1.4.—Gross National Product by Major Type of Product in Constant Dollars

[Billions of 1982 dollars]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
Gross national product	**3,585.2**	**3,676.5**	**3,603.8**	**3,622.3**	**3,655.9**	**3,661.4**	**3,686.4**	**3,702.4**
Final sales	3,576.2	3,665.7	3,603.1	3,627.5	3,616.1	3,646.3	3,686.7	3,713.9
Change in business inventories	9.0	10.8	.7	−5.2	39.9	15.1	−.3	−11.5
Goods	**1,533.2**	**1,569.0**	**1,544.2**	**1,541.7**	**1,563.6**	**1,562.8**	**1,568.0**	**1,581.6**
Final sales	1,524.2	1,558.2	1,543.6	1,546.9	1,523.7	1,547.6	1,568.3	1,593.2
Change in business inventories	9.0	10.8	.7	−5.2	39.9	15.1	−.3	−11.5
Durable goods	675.8	703.2	686.5	688.7	688.6	687.5	714.2	722.6
Final sales	670.0	699.6	689.3	680.2	662.6	688.3	728.6	718.7
Change in business inventories	5.9	3.7	−2.9	8.4	26.0	−.7	−14.4	3.9
Nondurable goods	857.4	865.8	857.8	853.0	875.0	875.2	853.8	859.0
Final sales	854.2	858.6	854.2	866.7	861.1	859.4	839.7	874.4
Change in business inventories	3.2	7.1	3.5	−13.6	13.9	15.9	14.1	−15.4
Services	**1,667.6**	**1,718.1**	**1,668.7**	**1,692.1**	**1,703.0**	**1,712.0**	**1,727.2**	**1,730.5**
Structures	**384.4**	**389.4**	**390.9**	**388.5**	**389.4**	**386.6**	**391.3**	**390.3**

NOTE.—Percent changes from preceding period for selected items in this table are shown in table 8.1.

Table 1.5.—Relation of Gross National Product, Gross Domestic Purchases, and Final Sales to Domestic Purchasers

[Billions of dollars]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
Gross national product	3,998.1	4,208.5	4,030.5	4,087.7	4,149.2	4,175.6	4,240.7	4,268.4
Less: Exports of goods and services	369.8	373.0	362.3	368.2	374.8	363.0	370.8	383.4
Plus: Imports of goods and services	448.6	478.7	446.0	473.6	468.5	467.5	479.7	499.0
Equals: Gross domestic purchases [1]	4,077.0	4,314.1	4,114.2	4,193.0	4,242.9	4,280.1	4,349.5	4,384.0
Less: Change in business inventories	11.1	11.4	3.1	−3.1	43.8	14.5	−4.5	−8.3
Equals: Final sales to domestic purchasers [2]	4,065.9	4,302.8	4,111.1	4,196.1	4,199.0	4,265.7	4,354.1	4,392.3

1. Purchases in the United States of goods and services wherever produced.
2. Final sales in the United States of goods and services wherever produced.

NOTE.—Percent changes from preceding period for selected items in this table are shown in table 8.1.

Table 1.6.—Relation of Gross National Product, Gross Domestic Purchases, and Final Sales to Domestic Purchasers in Constant Dollars

[Billions of 1982 dollars]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
Gross national product	3,585.2	3,676.5	3,603.8	3,622.3	3,655.9	3,661.4	3,686.4	3,702.4
Less: Exports of goods and services	362.3	371.3	355.8	362.9	369.2	359.8	371.2	385.3
Plus: Imports of goods and services	470.5	521.0	469.6	494.8	495.1	513.6	534.5	540.8
Equals: Gross domestic purchases [1]	3,693.4	3,826.2	3,717.6	3,754.3	3,781.9	3,815.3	3,849.7	3,858.0
Less: Change in business inventories	9.0	10.8	.7	−5.2	39.9	15.1	−.3	−11.5
Equals: Final sales to domestic purchasers [2]	3,684.4	3,815.4	3,716.9	3,759.5	3,742.0	3,800.1	3,850.0	3,869.5

1. Purchases in the United States of goods and services wherever produced.
2. Final sales in the United States of goods and services wherever produced.

NOTE.—Percent changes from preceding period for selected items in this table are shown in table 8.1.

Table 1.7.—Gross National Product by Sector

[Billions of dollars]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
Gross national product	3,998.1	4,208.5	4,030.5	4,087.7	4,149.2	4,175.6	4,240.7	4,268.4
Gross domestic product	3,957.0	4,171.2	3,991.4	4,045.8	4,106.0	4,140.7	4,203.2	4,234.9
Business	3,394.0	3,572.3	3,424.7	3,468.4	3,519.9	3,546.3	3,600.7	3,622.2
Nonfarm	3,324.0	3,498.7	3,357.8	3,389.4	3,451.7	3,470.1	3,524.0	3,549.3
Nonfarm less housing	3,010.9	3,158.0	3,040.9	3,065.4	3,121.5	3,132.4	3,180.1	3,198.2
Housing	313.1	340.7	316.9	323.9	330.2	337.7	343.9	351.1
Farm	75.5	68.1	72.4	77.5	71.8	71.6	66.4	62.6
Statistical discrepancy	−5.5	5.4	−5.5	1.6	−3.6	4.6	10.3	10.3
Households and institutions	142.1	153.1	143.4	146.2	149.5	152.0	154.4	156.6
Private households	9.3	9.8	9.3	9.4	9.5	9.6	9.9	10.1
Nonprofit institutions	132.8	143.3	134.1	136.8	140.0	142.3	144.5	146.5
Government	420.9	445.9	423.3	431.2	436.7	442.5	448.1	456.2
Federal	140.7	145.1	140.5	143.4	144.0	144.7	145.2	146.4
State and local	280.1	300.8	282.8	287.8	292.6	297.8	302.9	309.8
Rest of the world	41.2	37.3	39.1	41.9	43.2	34.9	37.4	33.5
Addendum:								
Gross domestic business product less housing	3,072.2	0	.....	.....	.....	.....	.....	.....

NOTE.—Percent changes from preceding period for selected items in this table are shown in table 8.1.

Table 1.8.—Gross National Product by Sector in Constant Dollars

[Billions of 1982 dollars]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
Gross national product	3,585.2	3,676.5	3,603.8	3,622.3	3,655.9	3,661.4	3,686.4	3,702.4
Gross domestic product	3,548.3	3,643.8	3,568.8	3,585.2	3,617.9	3,630.6	3,653.8	3,673.1
Business	3,071.5	3,158.9	3,090.8	3,105.4	3,135.8	3,146.9	3,168.0	3,184.8
Nonfarm	2,998.9	3,080.7	3,016.9	3,025.0	3,061.6	3,067.5	3,087.3	3,106.3
Nonfarm less housing	2,735.3	2,810.5	2,752.5	2,759.2	2,794.2	2,798.3	2,816.2	2,833.2
Housing	263.6	270.2	264.4	265.7	267.4	269.2	271.2	273.1
Farm	77.6	73.4	78.9	79.0	77.4	75.3	71.5	69.4
Statistical discrepancy	−5.0	4.8	−4.9	1.4	−3.2	4.0	9.1	9.1
Households and institutions	121.2	125.5	121.8	122.9	124.1	125.1	126.0	127.0
Private households	9.1	9.4	9.1	9.1	9.2	9.3	9.5	9.7
Nonprofit institutions	112.2	116.1	112.7	113.7	114.9	115.7	116.5	117.4
Government	355.5	359.4	356.2	356.9	357.9	358.7	359.8	361.3
Federal	122.6	123.2	122.8	122.6	122.9	123.0	123.2	123.8
State and local	232.9	236.2	233.4	234.3	235.0	235.7	236.6	237.5
Rest of the world	37.0	32.7	35.1	37.1	38.1	30.8	32.7	29.3
Addendum:								
Gross domestic business product less housing	2,798.1	0	.....	.....	.....	.....	.....	.....

NOTE.—Percent changes from preceding period for selected items in this table are shown in table 8.1.

Table 1.9.—Relation of Gross National Product, Net National Product, National Income, and Personal Income

[Billions of dollars]

Gross national product	3,998.1	4,208.5	4,030.5	4,087.7	4,149.2	4,175.6	4,240.7	4,268.4
Less: Capital consumption allowances with capital consumption adjustment	437.2	455.1	441.3	446.7	447.1	453.3	457.6	462.5
Capital consumption allowances without capital consumption adjustment	467.3	488.1	474.7	478.5	480.0	483.3	489.4	499.8
Less: Capital consumption adjustment	30.1	33.0	33.4	31.9	32.9	30.0	31.8	37.3
Equals: Net national product	3,560.9	3,753.4	3,589.3	3,641.0	3,702.1	3,722.3	3,783.1	3,806.0
Less: Indirect business tax and nontax liability	331.4	348.7	332.7	337.7	346.7	340.8	354.2	353.1
Business transfer payments	20.9	23.2	21.2	21.7	22.3	22.9	23.5	24.1
Statistical discrepancy	−5.5	5.4	−5.5	1.6	−3.6	4.6	10.3	.....
Plus: Subsidies less current surplus of government enterprises	8.2	11.3	2.6	7.4	4.1	22.4	1.0	17.8
Equals: National income	3,222.3	3,387.4	3,243.4	3,287.3	3,340.7	3,376.4	3,396.1	.....
Less: Corporate profits with inventory valuation and capital consumption adjustments	280.7	299.7	296.3	285.6	296.4	293.1	302.0	.....
Net interest	311.4	294.9	309.7	307.6	304.9	297.7	292.9	284.1
Contributions for social insurance	355.7	376.1	356.8	362.1	371.5	373.5	376.6	382.6
Wage accruals less disbursements	−.2	0	0	0	0	0	0	0
Plus: Government transfer payments to persons	466.2	490.5	469.9	471.8	482.4	487.2	495.0	497.6
Personal interest income	476.2	475.4	475.2	480.6	480.8	480.1	473.8	466.7
Personal dividend income	76.4	81.2	76.3	76.7	79.1	81.1	82.0	82.7
Business transfer payments	20.9	23.2	21.2	21.7	22.3	22.9	23.5	24.1
Equals: Personal income	3,314.5	3,487.0	3,323.2	3,382.9	3,432.6	3,483.3	3,498.8	3,533.4

Table 1.10.—Relation of Gross National Product, Net National Product, and National Income in Constant Dollars

[Billions of 1982 dollars]

Gross national product	3,585.2	3,676.5	3,603.8	3,622.3	3,655.9	3,661.4	3,686.4	3,702.4
Less: Capital consumption allowances with capital consumption adjustment	425.6	441.0	429.4	433.7	434.8	439.1	443.2	447.0
Equals: Net national product	3,159.6	3,235.5	3,174.4	3,188.6	3,221.1	3,222.3	3,243.3	3,255.4
Less: Indirect business tax and nontax liability plus business transfer payments less subsidies plus current surplus of government enterprises	297.7	313.8	299.3	300.6	303.3	312.7	319.3	319.8
Statistical discrepancy	−5.0	4.8	−4.9	1.4	−3.2	4.0	9.1	.....
Equals: National income	2,866.8	2,917.0	2,880.0	2,886.5	2,920.9	2,905.6	2,914.9	.....

Table 1.11 is on the next page.

Table 1.14.—National Income by Type of Income

[Billions of dollars]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
National income	**3,222.3**	**3,387.4**	**3,243.4**	**3,287.3**	**3,340.7**	**3,376.4**	**3,396.1**	.....
Compensation of employees	**2,368.2**	**2,498.3**	**2,380.9**	**2,423.6**	**2,461.5**	**2,480.2**	**2,507.4**	**2,544.2**
Wages and salaries	1,965.8	2,073.8	1,976.0	2,012.8	2,044.1	2,058.8	2,081.1	2,111.1
Government and government enterprises	371.9	395.7	374.2	381.6	387.2	392.5	398.4	404.4
Other	1,593.9	1,678.1	1,601.8	1,631.1	1,656.8	1,666.3	1,682.7	1,706.7
Supplements to wages and salaries	402.4	424.5	404.9	410.9	417.4	421.3	426.3	433.1
Employer contributions for social insurance	205.5	215.7	206.1	209.1	212.9	214.1	215.9	220.1
Other labor income	196.9	208.8	198.8	201.7	204.5	207.3	210.4	213.0
Proprietors' income with inventory valuation and capital consumption adjustments	**254.4**	**278.9**	**249.3**	**262.1**	**265.3**	**289.1**	**277.5**	**283.7**
Farm	29.2	26.4	21.6	29.4	24.4	39.5	19.6	22.2
Proprietors' income with inventory valuation adjustment	38.0	34.6	30.3	37.9	32.7	47.9	27.7	30.1
Capital consumption adjustment	−8.8	−8.2	−8.7	−8.5	−8.4	−8.3	−8.2	−8.0
Nonfarm	225.2	252.5	227.7	232.7	240.9	249.6	258.0	261.6
Proprietors' income	193.5	217.5	194.4	199.1	206.6	215.5	222.8	224.9
Inventory valuation adjustment	−.2	−.9	.1	−.3	−.4	−1.0	−1.1	−1.0
Capital consumption adjustment	31.9	35.9	33.2	34.0	34.7	35.1	36.2	37.7
Rental income of persons with capital consumption adjustment	**7.6**	**15.6**	**7.3**	**8.3**	**12.8**	**16.3**	**16.2**	**17.0**
Rental income of persons	52.4	60.6	53.0	54.7	57.2	61.3	61.5	62.5
Capital consumption adjustment	−44.8	−45.1	−45.7	−46.4	−44.4	−45.1	−45.3	−45.5
Corporate profits with inventory valuation and capital consumption adjustments	**280.7**	**299.7**	**296.3**	**285.6**	**296.4**	**293.1**	**302.0**	.....
Corporate profits with inventory valuation adjustment	222.6	242.9	235.3	226.4	239.0	238.3	246.5	.....
Profits before tax	223.2	236.6	229.2	235.8	222.5	227.7	240.4	.....
Profits tax liability	91.8	102.8	95.8	96.4	95.7	99.0	104.4	.....
Profits after tax	131.4	133.8	133.4	139.4	126.9	128.8	135.9	.....
Dividends	81.6	87.8	81.6	82.5	85.2	87.5	88.8	89.7
Undistributed profits	49.8	46.0	51.8	57.0	41.7	41.2	47.2	.....
Inventory valuation adjustment	−.6	6.3	6.1	−9.4	16.5	10.6	6.1	−8.0
Capital consumption adjustment	58.1	56.8	61.0	59.2	57.3	54.8	55.5	59.5
Net interest	**311.4**	**294.9**	**309.7**	**307.6**	**304.9**	**297.7**	**292.9**	**284.1**
Addenda:								
Corporate profits after tax with inventory valuation and capital consumption adjustments	188.9	196.9	200.5	189.2	200.7	194.2	197.6	.....
Net cash flow with inventory valuation and capital consumption adjustments	375.4	389.2	388.9	380.0	390.8	385.5	390.4	.....
Undistributed profits with inventory valuation and capital consumption adjustments	107.3	109.1	118.8	106.8	115.5	106.6	108.8	.....
Capital consumption allowances with capital consumption adjustment	268.2	280.2	270.1	273.3	275.3	278.9	281.6	284.8
Less: Inventory valuation adjustment	−.6	6.3	6.1	−9.4	16.5	10.6	6.1	−8.0
Equals: Net cash flow	376.0	382.9	382.8	389.4	374.3	374.9	384.3	.....

Table 1.16.—Gross Domestic Product of Corporate Business in Current Dollars and Gross Domestic Product of Nonfinancial Corporate Business in Current and Constant Dollars

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
	Billions of dollars							
Gross domestic product of corporate business	**2,414.1**	**2,528.7**	**2,441.5**	**2,459.0**	**2,501.5**	**2,506.2**	**2,541.2**	.....
Capital consumption allowances with capital consumption adjustment	268.2	280.2	270.1	273.3	275.3	278.9	281.6	284.8
Net domestic product	2,145.9	2,248.5	2,171.5	2,185.8	2,226.2	2,227.3	2,259.6	.....
Indirect business tax and nontax liability plus business transfer payments less subsidies	230.2	240.5	231.8	235.0	241.8	234.2	244.9	241.1
Domestic income	1,915.7	2,008.0	1,939.7	1,950.8	1,984.4	1,993.1	2,014.7	.....
Compensation of employees	1,602.8	1,683.5	1,611.0	1,638.4	1,664.7	1,672.0	1,687.7	1,709.8
Wages and salaries	1,336.7	1,404.0	1,343.0	1,366.7	1,388.9	1,394.4	1,406.9	1,426.0
Supplements to wages and salaries	266.1	279.5	268.0	271.7	275.8	277.6	280.8	283.8
Corporate profits with inventory valuation and capital consumption adjustments	248.8	264.2	266.3	250.5	257.9	260.2	267.3	.....
Profits before tax	191.3	201.1	199.2	200.7	184.1	194.8	205.6	.....
Profits tax liability	91.8	102.8	95.8	96.4	95.7	99.0	104.4	.....
Profits after tax	99.5	98.3	103.4	104.3	88.4	95.8	101.2	.....
Dividends	69.4	77.2	68.3	69.9	70.4	82.3	77.0	79.0
Undistributed profits	30.2	21.1	35.1	34.3	18.0	13.5	24.2	.....
Inventory valuation adjustment	−.6	6.3	6.1	−9.4	16.5	10.6	6.1	−8.0
Capital consumption adjustment	58.1	56.8	61.0	59.2	57.3	54.8	55.5	59.5
Net interest	64.1	60.3	62.4	61.9	61.8	60.9	59.7	58.9
Gross domestic product of financial corporate business	**138.9**	**167.2**	**140.2**	**144.9**	**157.9**	**164.7**	**171.2**	.....
Gross domestic product of nonfinancial corporate business	**2,275.1**	**2,361.5**	**2,301.3**	**2,314.1**	**2,343.6**	**2,341.5**	**2,370.0**	.....
Capital consumption allowances with capital consumption adjustment	252.2	262.9	253.9	256.8	258.7	261.9	264.2	267.0
Net domestic product	2,023.0	2,098.5	2,047.4	2,057.3	2,084.9	2,079.6	2,105.8	.....
Indirect business tax and nontax liability plus business transfer payments less subsidies	216.8	226.7	218.2	221.1	227.6	220.1	230.0	229.1
Domestic income	1,806.1	1,871.9	1,829.2	1,836.2	1,857.4	1,859.5	1,875.8	.....
Compensation of employees	1,491.5	1,555.7	1,498.4	1,523.5	1,542.8	1,545.7	1,557.0	1,577.1
Wages and salaries	1,244.1	1,297.6	1,249.4	1,271.0	1,287.4	1,289.2	1,298.2	1,315.5
Supplements to wages and salaries	247.4	258.1	249.1	252.5	255.4	256.5	258.9	261.6
Corporate profits with inventory valuation and capital consumption adjustments	224.2	229.2	240.8	223.3	225.5	225.9	232.7	.....
Profits before tax	170.3	171.7	177.5	177.5	156.3	165.7	176.8	.....
Profits tax liability	66.5	75.7	70.5	70.3	68.7	71.7	77.9	.....
Profits after tax	103.8	96.1	107.0	107.2	87.6	94.0	98.9	.....
Dividends	74.3	80.4	72.8	74.6	74.8	85.6	79.8	81.4
Undistributed profits	29.5	15.6	34.1	32.6	12.8	8.3	19.1	.....
Inventory valuation adjustment	−.6	6.3	6.1	−9.4	16.5	10.6	6.1	−8.0
Capital consumption adjustment	54.5	51.1	57.2	55.2	52.7	49.7	49.7	52.3
Net interest	90.4	87.0	89.9	89.3	89.1	87.8	86.1	85.0
	Billions of 1982 dollars							
Gross domestic product of nonfinancial corporate business	**2,105.5**	**2,144.9**	**2,124.6**	**2,127.3**	**2,141.0**	**2,135.3**	**2,142.2**	.....
Capital consumption allowances with capital consumption adjustment	249.1	259.4	250.6	253.3	255.7	258.3	260.7	263.0
Net domestic product	1,856.4	1,885.5	1,874.0	1,874.0	1,885.3	1,877.0	1,881.6	.....
Indirect business tax and nontax liability plus business transfer payments less subsidies	189.6	200.3	190.8	191.9	192.9	199.3	204.5	204.6
Domestic income	1,666.7	1,685.2	1,683.3	1,682.2	1,692.4	1,677.7	1,677.1	.....

Table 1.11.—Command-Basis Gross National Product in Constant Dollars

[Billions of 1982 dollars]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
Gross national product	**3,585.2**	**3,676.5**	**3,603.8**	**3,622.3**	**3,655.9**	**3,661.4**	**3,686.4**	**3,702.4**
Less: Net exports of goods and services	−108.2	−149.7	−113.8	−132.0	−125.9	−153.9	−163.3	−155.6
Exports	362.3	371.3	355.8	362.9	369.2	359.8	371.2	385.3
Imports	470.5	521.0	469.6	494.8	495.1	513.6	534.5	540.8
Equals: Gross domestic purchases	**3,693.4**	**3,826.2**	**3,717.6**	**3,754.3**	**3,781.9**	**3,815.3**	**3,849.7**	**3,858.0**
Plus: Command-basis net exports of goods and services	−82.7	−115.0	−88.1	−110.1	−99.0	−114.8	−121.3	−125.3
Command-basis exports [1]	387.8	406.0	381.5	384.8	396.1	398.8	413.2	415.6
Imports	470.5	521.0	469.6	494.8	495.1	513.6	534.5	540.8
Equals: Command-basis gross national product	**3,610.6**	**3,711.2**	**3,629.5**	**3,644.2**	**3,682.9**	**3,700.4**	**3,728.4**	**3,732.7**
Addendum:								
Terms of trade [2]	107.0	109.2	107.2	106.1	107.3	110.9	111.4	107.8

1. Exports of goods and services deflated by the implicit price deflator for imports of goods and services.
2. Ratio of the implicit price deflator for exports of goods and services to the implicit price deflator for imports of goods and services with the decimal point shifted two places to the right.

NOTE.—Percent changes from preceding period for selected items in this table are shown in table 8.1.

Table 1.19.—Truck Output

[Billions of dollars]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
Truck output [1]	**54.2**	**56.8**	**55.5**	**57.8**	**54.7**	**56.5**	**57.2**	**58.7**
Final sales	**54.0**	**56.5**	**55.1**	**57.0**	**49.6**	**55.8**	**62.2**	**58.5**
Personal consumption expenditures	22.6	26.2	24.2	23.2	21.2	25.4	32.2	26.0
Producers' durable equipment	32.3	32.2	31.4	35.2	29.9	32.4	33.6	32.9
Net exports of goods and services	−6.7	−7.5	−6.3	−7.4	−7.6	−7.4	−8.8	−6.2
Exports	2.7	3.0	2.8	3.0	2.8	3.1	2.8	3.4
Imports	9.4	10.5	9.2	10.5	10.4	10.6	11.6	9.6
Government purchases of goods and services	5.8	5.7	5.7	6.1	6.1	5.4	5.3	5.8
Change in business inventories	**.1**	**.3**	**.4**	**.8**	**5.1**	**.7**	**−5.0**	**.2**

1. Includes new trucks only.

Table 1.20.—Truck Output in Constant Dollars

[Billions of 1982 dollars]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
Truck output [1]	**49.2**	**49.5**	**50.4**	**51.6**	**48.4**	**49.5**	**49.8**	**50.1**
Final sales	**49.1**	**49.2**	**50.0**	**50.9**	**44.0**	**48.9**	**54.1**	**49.9**
Personal consumption expenditures	20.7	23.0	22.2	21.0	19.0	22.4	28.1	22.3
Producers' durable equipment	29.3	27.9	28.4	31.2	26.4	28.3	29.0	28.0
Net exports of goods and services	−6.1	−6.6	−5.8	−6.7	−6.8	−6.6	−7.7	−5.3
Exports	2.5	2.6	2.6	2.7	2.5	2.7	2.4	2.9
Imports	8.6	9.2	8.3	9.4	9.3	9.3	10.1	8.2
Government purchases of goods and services	5.3	4.9	5.2	5.4	5.4	4.8	4.6	5.0
Change in business inventories	**.1**	**.2**	**.4**	**.7**	**4.4**	**.6**	**−4.2**	**.2**

1. Includes new trucks only.

Table 1.17.—Auto Output

[Billions of dollars]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
Auto output	**114.1**	**114.8**	**116.9**	**113.3**	**113.2**	**112.7**	**112.0**	**121.2**
Final sales	**110.1**	**113.5**	**123.1**	**100.6**	**105.3**	**106.2**	**126.8**	**115.6**
Personal consumption expenditures	115.3	124.3	126.4	111.6	111.1	115.2	140.1	130.7
New autos	87.2	100.6	99.5	82.7	85.7	90.8	118.3	107.5
Net purchases of used autos	28.1	23.7	26.9	28.9	25.4	24.4	21.8	23.3
Producers' durable equipment	23.2	26.2	26.6	22.6	24.1	26.6	28.0	26.3
New autos	42.7	45.0	47.5	39.7	41.7	45.8	48.0	44.7
Net purchases of used autos	−19.5	−18.8	−21.0	−17.1	−17.6	−19.3	−20.0	−18.4
Net exports of goods and services	−30.0	−38.8	−31.3	−35.3	−32.1	−37.1	−42.7	−43.1
Exports	6.1	6.5	6.4	6.2	6.6	6.6	6.1	6.8
Imports	36.1	45.3	37.7	41.4	38.7	43.7	48.8	49.9
Government purchases of goods and services	1.6	1.7	1.4	1.6	2.2	1.5	1.5	1.7
Change in business inventories of new and used autos	**4.0**	**1.3**	**−6.2**	**12.7**	**7.9**	**6.5**	**−14.8**	**5.6**
New	4.1	−1.1	−9.0	16.4	7.8	3.5	−20.8	5.0
Used	−.1	2.4	2.8	−3.7	.1	3.0	5.9	.6
Addenda:								
Domestic output of new autos [1]	95.3	98.4	96.3	94.8	98.8	95.7	94.4	104.7
Sales of imported new autos [2]	45.0	52.8	49.7	49.5	44.7	48.3	57.4	60.8

1. Consists of final sales and change in business inventories of new autos assembled in the United States.
2. Consists of personal consumption expenditures, producers' durable equipment, and government purchases.

Table 1.18.—Auto Output in Constant Dollars

[Billions of 1982 dollars]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
Auto output	**104.6**	**102.5**	**107.6**	**102.7**	**103.2**	**101.6**	**98.3**	**106.8**
Final sales	**101.5**	**103.3**	**113.4**	**92.0**	**97.1**	**97.3**	**115.1**	**103.5**
Personal consumption expenditures	103.3	108.7	113.9	99.4	98.7	101.5	122.4	112.1
New autos	80.1	88.4	91.2	75.0	77.2	80.5	103.6	92.4
Net purchases of used autos	23.2	20.3	22.7	24.3	21.5	21.0	18.8	19.7
Producers' durable equipment	24.1	24.3	26.9	22.5	23.7	25.1	25.4	23.1
New autos	39.2	39.6	43.6	36.0	37.5	40.6	42.0	38.4
Net purchases of used autos	−15.1	−15.3	−16.6	−13.5	−13.8	−15.6	−16.6	−15.3
Net exports of goods and services	−27.5	−31.3	−28.8	−31.4	−27.4	−30.6	−34.1	−33.2
Exports	5.4	5.6	5.7	5.5	5.8	5.7	5.1	5.6
Imports	32.9	36.9	34.5	36.9	33.2	36.3	39.2	38.7
Government purchases of goods and services	1.5	1.6	1.4	1.5	2.1	1.4	1.4	1.5
Change in business inventories of new and used autos	**3.1**	**−.8**	**−5.8**	**10.7**	**6.1**	**4.3**	**−16.8**	**3.2**
New	3.2	−2.8	−8.0	13.6	6.0	1.8	−21.7	2.7
Used	−.1	2.0	2.3	−3.0	.1	2.4	4.9	.5
Addenda:								
Domestic output of new autos [1]	87.0	85.4	88.5	85.1	88.6	84.2	80.0	88.7
Sales of imported new autos [2]	41.3	46.4	45.6	45.0	40.3	42.8	50.3	52.3

1. Consists of final sales and change in business inventories of new autos assembled in the United States.
2. Consists of personal consumption expenditures, producers' durable equipment, and government purchases.

Table 2.1.—Personal Income and Its Disposition

[Billions of dollars]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
Personal income	**3,314.5**	**3,487.0**	**3,323.2**	**3,382.9**	**3,432.6**	**3,483.3**	**3,498.8**	**3,533.4**
Wage and salary disbursements	**1,966.1**	**2,073.8**	**1,976.0**	**2,012.8**	**2,044.1**	**2,058.8**	**2,081.1**	**2,111.1**
Commodity-producing industries	607.7	623.3	608.3	617.7	622.0	620.8	621.8	628.7
Manufacturing	460.1	471.3	460.7	467.5	470.5	468.8	470.0	475.8
Distributive industries	469.8	488.0	472.4	478.9	485.2	484.3	488.3	494.2
Service industries	516.4	566.8	521.1	534.6	549.6	561.3	572.6	583.8
Government and government enterprises	372.2	395.7	374.2	381.6	387.2	392.5	398.4	404.4
Other labor income	**196.9**	**208.8**	**198.8**	**201.7**	**204.5**	**207.3**	**210.4**	**213.0**
Proprietors' income with inventory valuation and capital consumption adjustments	**254.4**	**278.9**	**249.3**	**262.1**	**265.3**	**289.1**	**277.5**	**283.7**
Farm	29.2	26.4	21.6	29.4	24.4	39.5	19.6	22.2
Nonfarm	225.2	252.5	227.7	232.7	240.9	249.6	258.0	261.6
Rental income of persons with capital consumption adjustment	**7.6**	**15.6**	**7.3**	**8.3**	**12.8**	**16.3**	**16.2**	**17.0**
Personal dividend income	**76.4**	**81.2**	**76.3**	**76.7**	**79.1**	**81.1**	**82.0**	**82.7**
Personal interest income	**476.2**	**475.4**	**475.2**	**480.6**	**480.8**	**480.1**	**473.8**	**466.7**
Transfer payments	**487.1**	**513.7**	**491.1**	**493.6**	**504.7**	**510.1**	**518.5**	**521.7**
Old-age, survivors, disability, and health insurance benefits	253.4	266.7	256.5	256.8	263.2	264.1	269.6	270.2
Government unemployment insurance benefits	15.7	16.3	15.1	15.3	15.5	16.3	16.9	16.5
Veterans benefits	16.7	16.8	16.7	16.4	17.0	17.0	16.7	16.4
Government employees retirement benefits	66.6	70.6	67.0	68.0	69.1	70.1	71.0	72.1
Other transfer payments	134.6	143.4	135.9	137.1	140.0	142.7	144.3	146.5
Aid to families with dependent children	15.4	16.2	15.6	15.7	16.0	16.2	16.3	16.4
Other	119.2	127.1	120.3	121.3	124.0	126.5	127.9	130.1
Less: Personal contributions for social insurance	**150.2**	**160.3**	**150.7**	**152.9**	**158.6**	**159.5**	**160.8**	**162.5**
Less: Personal tax and nontax payments	**486.5**	**513.4**	**491.2**	**500.7**	**497.5**	**504.8**	**519.0**	**532.2**
Equals: Disposable personal income	**2,828.0**	**2,973.7**	**2,832.0**	**2,882.2**	**2,935.1**	**2,978.5**	**2,979.9**	**3,001.2**
Less: Personal outlays	**2,684.7**	**2,857.4**	**2,712.4**	**2,756.4**	**2,789.4**	**2,825.5**	**2,895.8**	**2,918.9**
Personal consumption expenditures	2,600.5	2,762.4	2,627.1	2,667.9	2,697.9	2,732.0	2,799.8	2,819.9
Interest paid by consumers to business	82.6	93.6	83.8	87.0	89.8	92.3	94.9	97.5
Personal transfer payments to foreigners (net)	1.6	1.4	1.5	1.6	1.7	1.2	1.2	1.5
Equals: Personal saving	**143.3**	**116.3**	**119.6**	**125.8**	**145.6**	**153.1**	**84.1**	**82.3**
Addenda:								
Disposable personal income:								
Total, billions of 1982 dollars	2,528.0	2,603.7	2,524.7	2,540.7	2,581.2	2,625.8	2,605.5	2,602.3
Per capita:								
Current dollars	11,817	12,312	11,819	11,999	12,193	12,348	12,324	12,382
1982 dollars	10,563	10,780	10,537	10,577	10,723	10,886	10,776	10,737
Population (mid-period, millions)	239.3	241.5	239.6	240.2	240.7	241.2	241.8	242.4
Personal saving as percentage of disposable personal income	**5.1**	**3.9**	**4.2**	**4.4**	**5.0**	**5.1**	**2.8**	**2.7**

NOTE.—Percent changes from preceding period for selected items in this table are shown in table 8.1.

Table 2.2.—Personal Consumption Expenditures by Major Type of Product

[Billions of dollars]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
Personal consumption expenditures	**2,600.5**	**2,762.4**	**2,627.1**	**2,667.9**	**2,697.9**	**2,732.0**	**2,799.8**	**2,819.9**
Durable goods	**359.3**	**388.3**	**373.3**	**362.0**	**360.8**	**373.9**	**414.5**	**404.2**
Motor vehicles and parts	169.2	182.3	182.8	166.4	163.5	172.0	204.7	189.0
Furniture and household equipment	126.8	137.0	126.8	130.9	132.1	135.8	140.0	140.2
Other	63.3	69.0	63.7	64.7	65.3	66.0	69.8	75.0
Nondurable goods	**905.1**	**932.7**	**907.4**	**922.6**	**929.7**	**928.4**	**932.8**	**940.0**
Food	469.3	492.8	470.4	477.4	484.6	490.3	494.0	502.2
Clothing and shoes	155.2	164.8	155.4	158.7	161.3	165.0	166.6	166.2
Gasoline and oil	91.9	78.7	92.4	93.0	87.6	78.1	74.2	74.9
Other nondurable goods	188.7	196.5	189.1	193.5	196.2	194.9	198.0	196.7
Fuel oil and coal	15.7	14.0	15.5	16.2	14.9	13.7	13.7	13.5
Other	172.9	182.5	173.6	177.3	181.3	181.2	184.3	183.2
Services	**1,336.1**	**1,441.3**	**1,346.4**	**1,383.2**	**1,407.4**	**1,429.8**	**1,452.4**	**1,475.7**
Housing	403.9	438.5	408.6	417.4	424.8	434.7	442.8	452.0
Household operation	175.0	178.4	175.1	178.3	174.3	177.6	181.7	180.0
Electricity and gas	89.9	87.3	88.7	91.3	86.3	86.9	89.2	86.8
Other	85.1	91.1	86.4	87.0	88.0	90.6	92.5	93.2
Transportation	88.7	95.9	88.9	90.9	93.5	95.0	96.8	98.2
Medical care	290.1	315.9	291.5	302.5	307.9	312.3	318.1	325.4
Other	378.4	412.6	382.1	394.1	406.9	410.3	413.0	420.2

Table 2.3.—Personal Consumption Expenditures by Major Type of Product in Constant Dollars

[Billions of 1982 dollars]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
Personal consumption expenditures	**2,324.5**	**2,418.6**	**2,342.0**	**2,351.7**	**2,372.7**	**2,408.4**	**2,448.0**	**2,445.1**
Durable goods	**343.9**	**368.9**	**357.4**	**347.0**	**345.4**	**357.1**	**391.6**	**381.3**
Motor vehicles and parts	156.2	164.0	168.9	152.9	149.6	156.0	183.5	167.2
Furniture and household equipment	127.7	140.3	128.4	133.0	134.3	139.1	143.3	144.4
Other	59.9	64.5	60.1	61.2	61.5	62.1	64.9	69.7
Nondurable goods	**841.6**	**872.4**	**843.8**	**847.2**	**860.6**	**877.3**	**875.4**	**876.2**
Food	433.4	440.7	435.3	435.1	441.1	444.2	437.9	439.5
Clothing and shoes	146.0	155.5	146.5	147.5	152.4	157.1	157.7	154.6
Gasoline and oil	95.7	105.2	95.6	96.4	96.9	105.4	107.3	111.1
Other nondurable goods	166.5	171.1	166.4	168.2	170.2	170.5	172.6	171.1
Fuel oil and coal	17.0	18.8	17.1	17.0	17.0	18.3	19.9	20.0
Other	149.5	152.3	149.3	151.2	153.2	152.3	152.7	151.0
Services	**1,139.0**	**1,177.3**	**1,140.8**	**1,157.5**	**1,166.6**	**1,174.0**	**1,181.0**	**1,187.6**
Housing	342.7	351.4	343.8	345.5	347.6	350.2	352.6	355.0
Household operation	151.4	150.9	150.3	153.6	148.5	150.1	152.4	152.7
Electricity and gas	78.3	76.4	76.9	80.1	75.1	75.8	77.4	77.2
Other	73.1	74.6	73.5	73.5	73.4	74.3	75.1	75.5
Transportation	81.0	84.9	81.4	82.6	83.3	84.3	86.0	86.0
Medical care	237.8	245.7	238.0	241.3	243.0	245.0	246.7	248.2
Other	326.2	344.4	327.2	334.5	344.3	344.5	343.2	345.6

Table 3.2.—Federal Government Receipts and Expenditures

[Billions of dollars]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
Receipts	**786.8**	**826.2**	**792.6**	**805.8**	**806.6**	**813.5**	**833.1**	.....
Personal tax and nontax receipts [1]	345.6	361.8	349.6	355.6	350.3	355.5	365.8	375.6
Income taxes	338.4	354.0	342.1	348.6	343.1	347.1	357.7	368.2
Estate and gift taxes	6.5	6.9	6.8	6.3	6.4	7.6	7.4	6.4
Nontaxes	.7	.9	.7	.8	.8	.8	.8	1.0
Corporate profits tax accruals	73.6	83.2	76.8	77.2	77.8	80.1	84.3	.....
Federal Reserve banks	17.8	15.6	17.5	17.3	16.6	15.8	15.2	.....
Other	55.8	67.6	59.3	59.9	61.1	64.3	69.1	.....
Indirect business tax and nontax accruals [2]	56.1	52.3	53.9	56.0	52.7	50.7	53.4	52.5
Excise taxes	35.5	31.8	35.2	36.6	32.9	31.1	31.5	31.6
Customs duties	12.2	13.7	12.0	12.6	13.1	13.3	14.2	14.1
Nontaxes	8.4	6.8	6.8	6.8	6.6	6.3	7.6	6.9
Contributions for social insurance	311.5	328.9	312.2	317.0	325.8	327.2	329.6	333.1
Expenditures	**984.9**	**1,030.2**	**990.1**	**1,023.4**	**1,001.5**	**1,045.7**	**1,030.5**	**1,043.0**
Purchases of goods and services	354.1	367.2	360.9	380.9	355.7	367.6	369.3	376.3
National defense	259.4	278.4	265.5	268.0	266.4	278.4	286.8	281.9
Nondefense	94.7	88.9	95.5	112.9	89.3	89.2	82.6	94.4
Transfer payments	380.3	397.5	384.1	385.9	389.3	396.7	403.0	401.1
To persons	367.0	383.8	369.6	370.4	378.8	381.6	387.5	387.4
To foreigners	13.4	13.7	14.5	15.4	10.5	15.0	15.5	13.6
Grants-in-aid to State and local governments	99.0	104.0	100.2	101.6	103.5	106.9	108.0	97.7
Net interest paid	130.5	135.8	129.8	133.9	135.0	138.1	134.7	135.4
Interest paid	152.1	158.0	152.3	155.7	157.8	160.2	157.8	156.3
To persons and business	130.8	135.1	130.8	134.2	134.9	138.0	135.0	132.3
To foreigners	21.3	23.0	21.5	21.5	22.8	22.2	22.8	24.0
Less: Interest received by government	21.6	22.2	22.5	21.8	22.8	22.1	23.0	20.9
Subsidies less current surplus of government enterprises	20.7	25.6	15.1	21.1	18.0	36.5	15.4	32.5
Subsidies	22.2	27.1	17.1	19.5	19.6	38.7	20.9	29.1
Less: Current surplus of government enterprises	1.5	1.5	2.0	−1.6	1.6	2.2	5.5	−3.3
Less: Wage accruals less disbursements	−.2	0	0	0	0	0	0	0
Surplus or deficit (−), national income and product accounts	**−198.0**	**−204.0**	**−197.5**	**−217.6**	**−195.0**	**−232.2**	**−197.4**	.....
Social insurance funds	11.0	19.3	9.7	15.1	18.5	19.3	17.3	22.1
Other	−209.1	−223.3	−207.2	−232.7	−213.5	−251.5	−214.6	.....

Table 3.3.—State and Local Government Receipts and Expenditures

[Billions of dollars]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
Receipts	**577.5**	**618.8**	**584.2**	**592.7**	**608.3**	**611.5**	**629.1**	.....
Personal tax and nontax receipts	140.9	151.6	141.6	145.1	147.2	149.3	153.1	156.7
Income taxes	72.2	76.4	72.1	74.0	74.5	74.9	77.1	79.1
Nontaxes	56.8	62.5	57.5	59.0	60.4	61.8	63.2	64.5
Other	11.8	12.7	12.1	12.1	12.4	12.6	12.8	13.1
Corporate profits tax accruals	18.2	19.6	19.0	19.2	17.9	18.8	20.1	.....
Indirect business tax and nontax accruals	275.4	296.4	278.8	281.8	294.1	290.1	300.8	300.6
Sales taxes	129.0	138.1	131.2	131.4	133.4	135.7	141.4	141.8
Property taxes	107.2	115.6	108.2	110.4	112.5	114.6	116.6	118.8
Other	39.1	42.7	39.4	39.9	48.1	39.8	42.7	40.0
Contributions for social insurance	44.2	47.1	44.5	45.1	45.7	46.3	47.0	49.5
Federal grants-in-aid	99.0	104.0	100.2	101.6	103.5	106.9	108.0	97.7
Expenditures	**515.8**	**557.9**	**524.7**	**530.2**	**538.5**	**552.6**	**565.1**	**575.5**
Purchases of goods and services	461.3	498.1	468.8	474.7	480.9	493.3	504.7	513.3
Compensation of employees	280.1	300.8	282.8	287.8	292.6	297.8	302.9	309.8
Other	181.1	197.3	186.0	186.9	188.3	195.5	201.8	203.5
Transfer payments to persons	99.2	106.7	100.4	101.4	103.6	105.6	107.5	110.2
Net interest paid	−26.9	−26.0	−26.6	−26.4	−26.1	−25.7	−25.9	−26.2
Interest paid	42.6	48.4	43.3	44.8	46.2	47.6	49.1	50.6
Less: Interest received by government	69.5	74.4	69.9	71.2	72.2	73.4	75.0	76.9
Less: Dividends received by government	5.2	6.6	5.4	5.7	6.1	6.4	6.8	7.0
Subsidies less current surplus of government enterprises	−12.6	−14.3	−12.5	−13.7	−13.9	−14.1	−14.4	−14.7
Subsidies	.7	.8	.7	.7	.8	.8	.8	.9
Less: Current surplus of government enterprises	13.2	15.1	13.2	14.5	14.7	14.9	15.2	15.6
Less: Wage accruals less disbursements	0	0	0	0	0	0	0	0
Surplus or deficit (−), national income and product accounts	**61.7**	**60.8**	**59.5**	**62.5**	**69.9**	**58.9**	**64.0**	.....
Social insurance funds	52.7	55.8	53.1	53.7	54.3	55.0	55.7	58.3
Other	9.0	5.0	6.5	8.8	15.6	3.9	8.3	.....

Table 3.7B.—Government Purchases of Goods and Services by Type

[Billions of dollars]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
Government purchases of goods and services	**815.4**	**865.3**	**829.7**	**855.6**	**836.7**	**860.8**	**874.0**	**889.7**
Federal	**354.1**	**367.2**	**360.9**	**380.9**	**355.7**	**367.6**	**369.3**	**376.3**
National defense	259.4	278.4	265.5	268.0	266.4	278.4	286.8	281.9
Durable goods	74.9	82.8	78.9	76.6	75.7	83.6	86.3	85.5
Nondurable goods	12.2	11.0	13.0	11.8	11.8	11.0	10.5	10.6
Services	166.1	177.7	166.6	173.4	172.5	177.3	182.4	178.6
Compensation of employees	101.1	104.6	100.8	103.4	103.9	104.4	104.7	105.5
Military	67.8	70.4	67.4	69.7	70.0	70.3	70.5	71.0
Civilian	33.3	34.2	33.4	33.7	33.8	34.1	34.3	34.5
Other services	65.0	73.1	65.8	70.0	68.7	72.9	77.7	73.1
Structures	6.1	6.9	7.0	6.1	6.3	6.5	7.6	7.3
Nondefense	94.7	88.9	95.5	112.9	89.3	89.2	82.6	94.4
Durable goods	4.1	4.3	3.9	4.5	4.3	4.3	4.2	4.3
Nondurable goods	17.2	10.9	17.5	33.2	11.1	11.2	5.1	16.4
Commodity Credit Corporation inventory change	11.3	5.4	11.4	28.7	5.6	5.5	−.4	10.8
Other nondurables	5.9	5.6	6.1	4.5	5.5	5.7	5.5	5.6
Services	66.0	66.8	66.5	68.0	66.7	66.4	66.7	67.3
Compensation of employees	39.6	40.5	39.7	40.0	40.2	40.3	40.5	40.9
Other services	26.4	26.3	26.8	28.0	26.6	26.1	26.2	26.4
Structures	7.4	6.8	7.5	7.2	7.2	7.2	6.5	6.5
State and local	**461.3**	**498.1**	**468.8**	**474.7**	**480.9**	**493.3**	**504.7**	**513.3**
Durable goods	20.8	22.7	20.9	21.5	21.9	22.4	22.9	23.6
Nondurable goods	38.7	37.4	38.7	40.0	38.7	36.7	36.6	37.6
Services	348.3	375.9	351.9	358.6	365.4	372.0	378.8	387.4
Compensation of employees	280.1	300.8	282.8	287.8	292.6	297.8	302.9	309.8
Other services	68.2	75.1	69.1	70.8	72.7	74.3	76.0	77.5
Structures	53.5	62.1	57.3	54.6	55.0	62.1	66.4	64.8

Table 3.8B.—Government Purchases of Goods and Services by Type in Constant Dollars

[Billions of 1982 dollars]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
Government purchases of goods and services	**721.2**	**748.0**	**731.8**	**749.4**	**725.2**	**742.2**	**750.4**	**774.1**
Federal	**323.6**	**333.4**	**329.9**	**347.2**	**320.4**	**328.9**	**330.9**	**353.5**
National defense	235.7	251.0	242.2	239.3	238.7	249.3	259.4	256.5
Durable goods	70.4	77.9	74.6	70.8	71.3	77.1	81.0	82.2
Nondurable goods	13.6	14.6	14.4	13.1	13.3	14.5	15.5	15.2
Services	146.3	152.5	146.9	150.0	148.5	152.1	156.4	152.9
Compensation of employees	88.3	88.8	88.5	88.4	88.6	88.6	88.8	89.2
Military	59.5	59.7	59.6	59.5	59.6	59.5	59.7	60.0
Civilian	28.9	29.1	28.9	28.9	28.9	29.1	29.1	29.2
Other services	58.0	63.7	58.4	61.6	60.0	63.5	67.6	63.6
Structures	5.5	6.0	6.3	5.4	5.6	5.7	6.5	6.2
Nondefense	87.8	82.4	87.6	107.9	81.7	79.5	71.5	97.0
Durable goods	4.6	5.3	4.5	5.2	5.2	5.4	5.4	5.4
Nondurable goods	18.2	13.1	17.7	36.6	11.8	10.0	2.6	27.8
Commodity Credit Corporation inventory change	12.3	7.8	11.5	32.3	6.4	4.5	−2.5	22.6
Other nondurables	5.9	5.3	6.2	4.3	5.4	5.4	5.1	5.2
Services	58.2	57.8	58.5	59.5	58.1	57.6	57.7	57.9
Compensation of employees	34.3	34.4	34.3	34.3	34.3	34.4	34.4	34.6
Other services	23.9	23.4	24.2	25.2	23.8	23.3	23.3	23.3
Structures	6.8	6.2	7.0	6.6	6.6	6.6	5.9	5.8
State and local	**397.6**	**414.5**	**401.9**	**402.2**	**404.8**	**413.3**	**419.5**	**420.6**
Durable goods	19.5	20.9	19.7	20.1	20.4	20.7	21.1	21.4
Nondurable goods	39.0	41.5	39.5	40.1	40.6	41.2	41.8	42.4
Services	290.9	297.4	291.8	293.6	295.0	296.5	298.2	299.9
Compensation of employees	232.9	236.2	233.4	234.3	235.0	235.7	236.6	237.5
Other services	58.0	61.2	58.4	59.3	60.0	60.8	61.6	62.4
Structures	48.2	54.7	51.0	48.5	48.7	54.9	58.5	56.8

Table 3.9.—National Defense Purchases of Goods and Services

[Billions of dollars]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
National defense purchases	**259.4**	**278.4**	**265.5**	**268.0**	**266.4**	**278.4**	**286.8**	**281.9**
Durable goods	**74.9**	**82.8**	**78.9**	**76.6**	**75.7**	**83.6**	**86.3**	**85.5**
Military equipment	64.0	71.0	67.5	65.6	64.2	71.6	74.4	73.7
Aircraft	25.9	31.1	25.0	28.1	28.1	30.6	32.4	33.3
Missiles	9.7	12.6	10.2	10.4	10.7	13.2	13.3	13.3
Ships	8.5	8.8	9.0	8.8	8.0	9.1	9.3	8.8
Vehicles	4.7	4.7	5.2	4.4	4.5	4.9	4.9	4.7
Electronic equipment	4.9	4.8	5.4	4.9	4.6	5.0	5.0	4.6
Other	10.4	8.9	12.7	9.0	8.3	8.7	9.5	8.9
Other durable goods	10.9	11.8	11.4	11.0	11.6	12.0	11.9	11.8
Nondurable goods	**12.2**	**11.0**	**13.0**	**11.8**	**11.8**	**11.0**	**10.5**	**10.6**
Petroleum products	6.6	4.4	7.2	6.2	6.3	4.1	3.5	3.6
Ammunition	3.2	4.0	3.3	3.2	3.2	4.3	4.4	4.3
Other nondurable goods	2.4	2.5	2.5	2.4	2.3	2.6	2.6	2.6
Services	**166.1**	**177.7**	**166.6**	**173.4**	**172.5**	**177.3**	**182.4**	**178.6**
Compensation of employees	101.1	104.6	100.8	103.4	103.9	104.4	104.7	105.5
Military	67.8	70.4	67.4	69.7	70.0	70.3	70.5	71.0
Civilian	33.3	34.2	33.4	33.7	33.8	34.1	34.3	34.5
Other services	65.0	73.1	65.8	70.0	68.7	72.9	77.7	73.1
Contractual research and development	27.3	31.8	27.7	29.7	28.7	32.2	33.9	32.5
Installation support [1]	16.9	18.1	17.1	17.2	17.4	17.8	19.2	17.9
Weapons support [2]	7.5	8.2	7.7	8.2	7.7	7.8	8.9	8.1
Personnel support [3]	5.7	7.3	6.3	6.8	6.9	7.0	8.1	7.3
Transportation of materiel	3.8	4.1	3.6	4.3	4.1	3.9	4.1	4.1
Travel of persons	3.5	3.6	3.6	3.7	3.4	3.6	3.8	3.5
Other	.2	.1	−.1	.2	.5	.5	−.3	−.3
Structures	**6.1**	**6.9**	**7.0**	**6.1**	**6.3**	**6.5**	**7.6**	**7.3**
Military facilities	3.5	4.2	4.0	3.7	3.6	3.7	4.9	4.7
Other	2.6	2.7	3.0	2.4	2.8	2.7	2.6	2.6

1. Includes utilities, communications, rental payments, maintenance and repair, and payments to contractors to operate installations.
2. Includes depot maintenance and contractual services for weapons systems, other than research and development.
3. Includes compensation of foreign personnel, consulting, training, and education.

Table 3.10.—National Defense Purchases of Goods and Services in Constant Dollars

[Billions of 1982 dollars]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
National defense purchases	**235.7**	**251.0**	**242.2**	**239.3**	**238.7**	**249.3**	**259.4**	**256.5**
Durable goods	**70.4**	**77.9**	**74.6**	**70.8**	**71.3**	**77.1**	**81.0**	**82.2**
Military equipment	58.8	64.1	62.5	58.6	58.0	63.2	67.0	68.2
Aircraft	22.6	26.2	22.0	23.3	23.4	24.4	27.5	29.7
Missiles	9.2	12.2	9.9	9.9	10.5	12.6	12.5	13.2
Ships	7.5	7.7	7.9	7.7	6.9	7.9	8.2	7.7
Vehicles	5.3	5.2	5.8	4.6	5.0	5.4	5.3	5.1
Electronic equipment	4.6	4.5	5.1	4.6	4.3	4.7	4.7	4.3
Other	9.7	8.3	11.8	8.5	7.8	8.2	8.9	8.2
Other durable goods	11.6	13.8	12.1	12.2	13.2	14.0	14.0	14.1
Nondurable goods	**13.6**	**14.6**	**14.4**	**13.1**	**13.3**	**14.5**	**15.5**	**15.2**
Petroleum products	8.4	8.5	9.1	7.9	8.1	8.0	9.0	8.7
Ammunition	2.9	3.8	3.0	2.9	3.0	4.1	4.2	4.1
Other nondurable goods	2.2	2.3	2.3	2.2	2.1	2.4	2.4	2.4
Services	**146.3**	**152.5**	**146.9**	**150.0**	**148.5**	**152.1**	**156.4**	**152.9**
Compensation of employees	88.3	88.8	88.5	88.4	88.6	88.6	88.8	89.2
Military	59.5	59.7	59.6	59.5	59.6	59.5	59.7	60.0
Civilian	28.9	29.1	28.9	28.9	28.9	29.1	29.1	29.2
Other services	58.0	63.7	58.4	61.6	60.0	63.5	67.6	63.6
Contractual research and development	24.1	27.7	24.4	26.0	24.9	28.1	29.6	28.4
Installation support [1]	14.4	15.0	14.5	14.5	14.5	14.7	15.9	14.9
Weapons support [2]	6.7	7.2	6.8	7.2	6.8	6.9	7.9	7.2
Personnel support [3]	5.2	6.0	5.6	5.8	5.7	5.7	6.6	5.9
Transportation of materiel	3.9	4.1	3.6	4.4	4.1	4.0	4.2	4.1
Travel of persons	3.4	3.5	3.5	3.6	3.4	3.6	3.8	3.4
Other	.2	.1	−.1	.1	.4	.4	−.3	−.2
Structures	**5.5**	**6.0**	**6.3**	**5.4**	**5.6**	**5.7**	**6.5**	**6.2**
Military facilities	3.2	3.6	3.5	3.3	3.1	3.3	4.2	4.0
Other	2.4	2.4	2.8	2.2	2.5	2.4	2.3	2.3

1. Includes utilities, communications, rental payments, maintenance and repair, and payments to contractors to operate installations.
2. Includes depot maintenance and contractual services for weapons systems.
3. Includes compensation of foreign personnel, consulting, training, and education.

Table 4.1.—Foreign Transactions in the National Income and Product Accounts

[Billions of dollars]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
Receipts from foreigners	**369.8**	**373.0**	**362.3**	**368.2**	**374.8**	**363.0**	**370.8**	**383.4**
Exports of goods and services	369.8	373.0	362.3	368.2	374.8	363.0	370.8	383.4
Merchandise	219.6	220.4	215.0	216.2	219.7	212.5	219.2	230.3
Durable goods	128.2	136.0	128.0	126.3	133.3	132.5	136.1	141.9
Nondurable goods	91.4	84.4	87.0	89.9	86.3	79.9	83.1	88.4
Services	150.2	152.6	147.4	152.0	155.2	150.6	151.6	153.1
Factor income [1]	91.2	89.2	89.4	92.3	94.7	88.2	87.3	86.6
Other	58.9	63.4	57.9	59.7	60.5	62.4	64.3	66.5
Capital grants received by the United States (net)	0	0	0	0	0	0	0	0
Payments to foreigners	**369.8**	**373.0**	**362.3**	**368.2**	**374.8**	**363.0**	**370.8**	**383.4**
Imports of goods and services	448.6	478.7	446.0	473.6	468.5	467.5	479.7	499.0
Merchandise	341.7	369.8	339.2	363.8	358.9	358.9	372.7	388.6
Durable goods	202.6	239.4	202.3	213.9	224.4	235.5	243.8	254.0
Nondurable goods	139.1	130.4	136.9	149.9	134.5	123.4	128.9	134.6
Services	106.9	108.9	106.8	109.8	109.6	108.7	106.9	110.3
Factor income [1]	50.1	51.9	50.3	50.5	51.5	53.3	49.9	53.1
Other	56.9	57.0	56.4	59.3	58.1	55.4	57.0	57.3
Transfer payments (net)	15.0	15.0	16.0	17.0	12.2	16.3	16.6	15.2
From persons (net)	1.6	1.4	1.5	1.6	1.7	1.2	1.2	1.5
From government (net)	13.4	13.7	14.5	15.4	10.5	15.0	15.5	13.6
Interest paid by government to foreigners	21.3	23.0	21.5	21.5	22.8	22.2	22.8	24.0
Net foreign investment	−115.2	−143.7	−121.2	−143.8	−128.6	−143.0	−148.3	−154.8

1. Line 7 less line 16 equals rest-of-the-world product as shown in table 1.7.

Table 4.2.—Exports and Imports of Goods and Services in Constant Dollars

[Billions of 1982 dollars]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
Exports of goods and services	**362.3**	**371.3**	**355.8**	**362.9**	**369.2**	**359.8**	**371.2**	**385.3**
Merchandise	227.4	237.5	223.9	227.8	232.0	227.2	238.8	252.2
Durable goods	133.5	146.9	133.6	133.4	142.1	142.7	148.0	154.7
Nondurable goods	93.9	90.7	90.3	94.4	89.9	84.5	90.8	97.5
Services	135.0	133.8	132.0	135.1	137.2	132.6	132.4	133.1
Factor income [1]	80.9	76.9	79.1	80.9	82.4	76.3	74.8	74.0
Other	54.0	56.9	52.9	54.3	54.8	56.3	57.6	59.0
Imports of goods and services	**470.5**	**521.0**	**469.6**	**494.8**	**495.1**	**513.6**	**534.5**	**540.8**
Merchandise	368.7	420.4	368.4	391.3	392.6	412.8	436.0	440.0
Durable goods	216.6	246.8	216.9	226.7	237.4	244.8	249.5	255.4
Nondurable goods	152.1	173.6	151.4	164.6	155.2	168.0	186.4	184.6
Services	101.8	100.7	101.3	103.6	102.5	100.8	98.5	100.8
Factor income [1]	44.0	44.2	44.0	43.7	44.3	45.5	42.2	44.7
Other	57.8	56.5	57.2	59.8	58.2	55.3	56.4	56.1

1. Line 6 less line 13 equals rest-of-the-world product as shown in table 1.8.

Table 4.3.—Merchandise Exports and Imports by Type of Product and by End-Use Category

[Billions of dollars]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
Merchandise exports	**219.6**	**220.4**	**215.0**	**216.2**	**219.7**	**212.5**	**219.2**	**230.3**
Foods, feeds, and beverages	24.0	22.6	21.6	23.1	24.4	20.5	21.6	23.7
Industrial supplies and materials	58.3	56.9	57.2	57.7	58.1	54.3	56.3	59.0
Durable goods	16.0	16.1	16.1	15.3	16.7	15.4	15.8	16.6
Nondurable goods	42.3	40.8	41.1	42.4	41.4	38.9	40.4	42.4
Capital goods, except autos	75.6	78.3	75.0	74.3	75.7	76.0	80.0	81.4
Autos	24.5	23.7	25.0	24.4	23.7	23.8	22.4	25.0
Consumer goods	13.0	14.3	12.6	12.9	13.6	13.7	14.5	15.6
Durable goods	5.1	5.5	4.8	5.1	5.1	5.2	5.7	6.1
Nondurable goods	7.9	8.8	7.7	7.9	8.4	8.5	8.8	9.5
Other	24.1	24.6	23.6	23.8	24.2	24.1	24.4	25.6
Durable goods	6.9	12.3	7.0	7.2	12.1	12.0	12.2	12.8
Nondurable goods	17.2	12.3	16.6	16.6	12.1	12.0	12.2	12.8
Merchandise imports	**341.7**	**369.8**	**339.2**	**363.8**	**358.9**	**358.9**	**372.7**	**388.6**
Foods, feeds, and beverages	21.3	24.3	20.7	22.0	23.8	23.9	24.4	25.2
Industrial supplies and materials, excluding petroleum	59.7	62.6	58.9	59.5	62.3	60.3	61.3	66.3
Durable goods	30.6	33.1	30.2	29.9	32.4	32.7	31.6	35.5
Nondurable goods	29.1	29.5	28.7	29.6	29.9	27.6	29.7	30.8
Petroleum and products	50.5	34.3	49.5	56.5	40.1	31.3	32.0	34.0
Capital goods, except autos	64.0	75.9	62.3	67.5	71.8	75.3	77.1	79.4
Autos	65.1	78.7	66.9	71.8	71.3	76.4	82.6	84.4
Consumer goods	65.2	77.4	65.0	69.6	73.2	75.4	79.1	82.0
Durable goods	36.7	43.5	36.7	38.3	40.8	43.0	44.3	46.0
Nondurable goods	28.4	33.9	28.3	31.3	32.5	32.4	34.8	36.0
Other	15.9	16.6	15.9	16.9	16.5	16.3	16.3	17.3
Durable goods	6.1	8.3	6.2	6.4	8.2	8.1	8.1	8.6
Nondurable goods	9.8	8.3	9.7	10.5	8.2	8.1	8.1	8.6
Addenda:								
Exports of agricultural products [1]	29.6	26.7	26.7	28.5	28.4	24.6	25.9	28.0
Exports of nonagricultural products	190.0	193.7	188.3	187.7	191.2	187.8	193.3	202.4
Imports of nonpetroleum products	291.2	335.4	289.8	307.3	318.8	327.5	340.8	354.6

1. Includes parts of line 2 and line 5.

Table 4.4.—Merchandise Exports and Imports by Type of Product and by End-Use Category in Constant Dollars

[Billions of 1982 dollars]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
Merchandise exports	**227.4**	**237.5**	**223.9**	**227.8**	**232.0**	**227.2**	**238.8**	**252.2**
Foods, feeds, and beverages	25.1	25.7	22.8	25.7	26.2	22.3	25.5	28.6
Industrial supplies and materials	60.9	62.1	60.7	60.7	61.4	59.1	62.3	65.6
Durable goods	16.7	17.6	17.1	16.1	17.7	16.7	17.5	18.4
Nondurable goods	44.2	44.5	43.6	44.6	43.7	42.3	44.8	47.1
Capital goods, except autos	82.1	90.1	81.7	82.7	85.8	87.2	92.3	94.9
Autos	22.4	21.1	22.7	22.0	21.3	21.3	19.9	22.0
Consumer goods	12.9	13.9	12.5	12.9	13.3	13.3	14.0	15.0
Durable goods	5.4	5.7	5.1	5.4	5.4	5.4	5.9	6.3
Nondurable goods	7.5	8.2	7.4	7.5	7.9	7.9	8.1	8.8
Other	23.8	24.7	23.4	23.8	24.0	24.1	24.7	26.1
Durable goods	6.8	12.4	6.9	7.2	12.0	12.0	12.4	13.1
Nondurable goods	17.0	12.4	16.5	16.6	12.0	12.0	12.4	13.0
Merchandise imports	**368.7**	**420.4**	**368.4**	**391.3**	**392.6**	**412.8**	**436.0**	**440.0**
Foods, feeds, and beverages	21.8	23.1	21.5	22.5	22.9	22.4	23.7	23.6
Industrial supplies and materials, excluding petroleum	68.2	73.9	67.5	69.5	73.4	72.0	73.1	77.2
Durable goods	35.0	39.0	34.6	34.9	38.1	39.0	37.8	41.1
Nondurable goods	33.2	34.9	32.8	34.6	35.3	33.0	35.4	36.1
Petroleum and products	59.8	75.9	60.1	67.1	58.1	74.2	87.4	84.0
Capital goods, except autos	76.2	90.9	74.7	81.1	87.1	90.1	92.5	93.8
Autos	60.8	66.7	62.9	64.9	62.9	65.5	69.2	69.2
Consumer goods	65.4	73.6	65.3	68.9	71.7	72.6	74.3	75.7
Durable goods	38.3	42.1	38.3	39.2	41.0	42.2	42.2	43.0
Nondurable goods	27.1	31.5	27.0	29.7	30.7	30.4	32.1	32.7
Other	16.4	16.2	16.5	17.2	16.6	16.1	15.8	16.5
Durable goods	6.3	8.1	6.4	6.5	8.3	8.0	7.9	8.2
Nondurable goods	10.1	8.1	10.1	10.7	8.3	8.0	7.9	8.2
Addenda:								
Exports of agricultural products [1]	30.4	29.9	27.8	30.8	29.8	26.3	30.0	33.4
Exports of nonagricultural products	197.0	207.7	196.0	196.9	202.2	200.9	208.8	218.8
Imports of nonpetroleum products	308.9	344.5	308.3	324.2	334.6	338.6	348.6	356.0

1. Includes parts of line 2 and line 5.

Table 5.1.—Gross Saving and Investment

[Billions of dollars]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
Gross saving	**551.5**	**537.4**	**541.7**	**524.1**	**583.2**	**539.7**	**517.2**	.....
Gross private saving	**687.8**	**680.5**	**679.6**	**679.2**	**708.3**	**713.0**	**650.5**	.....
Personal saving	143.3	116.3	119.6	125.8	145.6	153.1	84.1	82.3
Undistributed corporate profits with inventory valuation and capital consumption adjustments	107.3	109.1	118.8	106.8	115.5	106.6	108.8	.....
Undistributed profits	49.8	46.0	51.8	57.0	41.7	41.2	47.2	.....
Inventory valuation adjustment	−.6	6.3	6.1	−9.4	16.5	10.6	6.1	−8.0
Capital consumption adjustment	58.1	56.8	61.0	59.2	57.3	54.8	55.5	59.5
Corporate capital consumption allowances with capital consumption adjustment	268.2	280.2	270.1	273.3	275.3	278.9	281.6	284.8
Noncorporate capital consumption allowances with capital consumption adjustment	169.0	175.0	171.2	173.4	171.8	174.4	176.0	177.6
Wage accruals less disbursements	0	0	0	0	0	0	0	0
Government surplus or deficit (−), national income and product accounts	**−136.3**	**−143.1**	**−138.0**	**−155.1**	**−125.1**	**−173.3**	**−133.3**	.....
Federal	−198.0	−204.0	−197.5	−217.6	−195.0	−232.2	−197.4	.....
State and local	61.7	60.8	59.5	62.5	69.9	58.9	64.0	.....
Capital grants received by the United States (net)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Gross investment	**545.9**	**542.8**	**536.2**	**525.7**	**579.6**	**544.3**	**527.5**	**519.7**
Gross private domestic investment	661.1	686.4	657.4	669.5	708.3	687.3	675.8	674.5
Net foreign investment	−115.2	−143.7	−121.2	−143.8	−128.6	−143.0	−148.3	−154.8
Statistical discrepancy	**−5.5**	**5.4**	**−5.5**	**1.6**	**−3.6**	**4.6**	**10.3**	.....

Table 6.3B.—National Income Without Capital Consumption Adjustment by Industry

[Billions of dollars]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
National income without capital consumption adjustment	**3,185.8**	**3,347.9**	**3,203.6**	**3,249.1**	**3,301.5**	**3,339.9**	**3,357.8**	.....
Domestic industries	**3,144.7**	**3,310.7**	**3,164.5**	**3,207.2**	**3,258.3**	**3,305.1**	**3,320.4**	.....
Private industries	**2,674.0**	**2,811.2**	**2,691.0**	**2,724.9**	**2,769.6**	**2,809.7**	**2,818.1**	.....
Agriculture, forestry, and fisheries	76.4	73.0	68.7	75.7	70.7	86.4	66.2	.....
Mining	43.9	38.6	42.9	43.4	44.0	38.2	36.4	.....
Construction	165.6	181.0	165.2	169.9	174.8	180.7	183.7	.....
Manufacturing	671.0	685.6	678.5	682.2	678.2	686.2	686.3	.....
Durable goods	401.2	411.6	402.9	405.6	409.0	413.0	410.1	.....
Nondurable goods	269.8	274.0	275.6	276.6	269.2	273.2	276.1	.....
Transportation and public utilities	256.4	266.8	260.4	259.4	264.9	264.7	268.0	.....
Transportation	113.2	113.9	114.2	116.2	113.8	112.0	113.6	.....
Communication	66.7	71.6	67.1	66.9	72.0	70.1	72.0	.....
Electric, gas, and sanitary services	76.5	81.3	79.2	76.4	79.2	82.5	82.3	.....
Wholesale trade	199.4	204.9	201.8	199.2	202.5	201.5	208.0	.....
Retail trade	278.8	293.1	283.7	282.1	292.6	288.9	294.2	.....
Finance, insurance, and real estate	411.6	448.9	414.1	423.6	438.0	449.0	451.2	.....
Services	570.9	619.3	575.7	589.5	603.9	614.2	624.1	.....
Government and government enterprises	**470.7**	**499.5**	**473.5**	**482.3**	**488.7**	**495.3**	**502.3**	.....
Rest of the world	**41.2**	**37.3**	**39.1**	**41.9**	**43.2**	**34.9**	**37.4**	**33.5**

Table 5.8.—Change in Business Inventories by Industry

[Billions of dollars]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
Change in business inventories	**11.1**	**11.4**	**3.1**	**−3.1**	**43.8**	**14.5**	**−4.5**	**−8.3**
Farm	−1.1	−.4	−.1	−19.9	2.7	3.9	5.8	−13.9
Nonfarm	12.2	11.8	3.2	16.7	41.2	10.5	−10.3	5.7
Change in book value	13.3	5.1	−3.0	27.5	22.9	−1.1	−16.3	15.0
Inventory valuation adjustment [1]	−1.1	6.7	6.1	−10.8	18.3	11.6	6.0	−9.3
Manufacturing	−4.7	−2.5	−5.3	−11.7	−4.8	.4	−5.0	−.7
Durable goods	−3.2	−3.0	−1.4	−11.8	−4.5	−3.6	−3.6	−.3
Nondurable goods	−1.5	.5	−3.9	.1	−.3	4.0	−1.5	−.3
Wholesale trade	3.7	5.9	−.1	3.3	8.1	6.2	7.9	1.3
Durable goods	.7	3.7	−2.8	.1	5.2	3.2	3.8	2.8
Nondurable goods	3.0	2.1	2.7	3.2	2.9	3.0	4.1	−1.5
Merchant wholesalers	5.0	5.3	2.3	3.7	7.6	6.7	7.1	−.1
Durable goods	.7	3.7	−1.8	.7	5.8	4.7	3.5	.7
Nondurable goods	4.2	1.7	4.1	3.0	1.9	2.1	3.6	−.8
Nonmerchant wholesalers	−1.3	.5	−2.4	−.3	.5	−.5	.8	1.4
Durable goods	0	.1	−1.0	−.6	−.6	−1.5	.3	2.1
Nondurable goods	−1.2	.5	−1.4	.2	1.0	1.0	.5	−.7
Retail trade	7.9	4.0	5.3	19.4	30.5	−4.4	−14.8	4.6
Durable goods	6.1	1.0	−1.2	18.5	24.5	−2.7	−19.1	1.5
Nondurable goods	1.8	2.9	6.5	.9	6.0	−1.6	4.3	3.1
Other	5.3	4.4	3.3	5.8	7.4	8.2	1.6	.5
Durable goods	3.0	2.4	2.7	2.8	3.4	3.0	3.2	0
Nondurable goods	2.3	2.0	.6	3.0	4.0	5.2	−1.6	.5

1. The inventory valuation adjustment (IVA) shown in this table differs from the IVA that adjusts business incomes. The IVA in this table reflects the mix of methods (first-in, first-out; last-in, first-out; etc.) underlying book value inventories derived primarily from Census Bureau statistics. This mix differs from that underlying business income derived primarily from Internal Revenue Service statistics. Prior to 1973, the two IVA's are the same because information required for separate estimates is not available.

Table 5.9.—Change in Business Inventories by Industry in Constant Dollars

[Billions of 1982 dollars]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
Change in business inventories	**9.0**	**10.8**	**.7**	**−5.2**	**39.9**	**15.1**	**−.3**	**−11.5**
Farm	−1.9	−.1	−.7	−21.3	2.9	4.1	8.3	−15.7
Nonfarm	10.9	10.9	1.4	16.1	37.0	11.0	−8.6	4.2
Manufacturing	−4.7	−2.9	−6.1	−10.5	−5.3	1.0	−6.5	−.7
Durable goods	−3.2	−3.2	−1.6	−11.1	−4.7	−4.0	−3.8	−.4
Nondurable goods	−1.6	.4	−4.5	.6	−.5	5.0	−2.7	−.3
Wholesale trade	3.4	5.4	−.6	3.4	6.9	5.1	9.7	.1
Durable goods	.6	3.5	−2.7	.1	4.9	2.9	3.5	2.7
Nondurable goods	2.8	1.9	2.1	3.3	2.0	2.1	6.3	−2.6
Merchant wholesalers	4.9	4.9	2.2	3.6	6.8	4.6	8.3	−.3
Durable goods	.7	3.4	−1.7	.6	5.5	4.4	3.2	.7
Nondurable goods	4.2	1.4	3.9	3.0	1.3	.3	5.1	−1.0
Nonmerchant wholesalers	−1.5	.6	−2.8	−.3	.1	.4	1.4	.4
Durable goods	0	.1	−1.0	−.5	−.6	−1.5	.3	2.0
Nondurable goods	−1.5	.5	−1.7	.3	.7	1.9	1.2	−1.7
Retail trade	7.3	3.9	5.1	17.8	28.3	−4.0	−13.1	4.5
Durable goods	5.6	1.1	−1.0	16.9	22.6	−2.5	−17.1	1.6
Nondurable goods	1.7	2.8	6.1	.9	5.6	−1.5	4.1	2.9
Other	4.9	4.4	3.0	5.4	7.1	8.9	1.2	.3
Durable goods	2.8	2.2	2.5	2.6	3.1	2.8	3.0	0
Nondurable goods	2.2	2.2	.5	2.8	4.0	6.1	−1.8	.3

Table 5.10.—Inventories and Final Sales of Business by Industry

[Billions of dollars]

	Seasonally adjusted at annual rates					
	1985		1986			
	III	IV	I	II	III	IVp
Inventories [1]	**856.4**	**862.6**	**855.8**	**857.0**	**856.6**	**856.3**
Farm	76.8	74.0	71.5	73.8	74.8	71.0
Nonfarm	779.7	788.5	784.3	783.2	781.8	785.3
Durable goods	456.2	460.1	466.4	465.6	464.8	466.6
Nondurable goods	323.5	328.4	317.9	317.6	316.9	318.7
Manufacturing	340.0	338.9	330.5	328.5	327.2	328.1
Durable goods	226.3	224.4	222.5	220.3	220.1	220.2
Nondurable goods	113.7	114.5	108.0	108.2	107.1	107.8
Wholesale trade	179.8	181.9	179.9	180.9	182.5	184.0
Durable goods	115.1	115.2	116.5	117.6	119.5	120.4
Nondurable goods	64.8	66.6	63.4	63.3	63.1	63.6
Merchant wholesalers	153.2	155.1	154.9	156.7	158.1	159.3
Durable goods	100.3	100.6	102.0	103.6	105.3	105.6
Nondurable goods	52.9	54.5	52.9	53.1	52.9	53.6
Nonmerchant wholesalers	26.6	26.8	24.9	24.2	24.4	24.8
Durable goods	14.7	14.7	14.4	14.0	14.2	14.8
Nondurable goods	11.9	12.1	10.5	10.2	10.2	10.0
Retail trade	170.5	176.7	183.4	183.0	181.2	183.1
Durable goods	81.9	86.9	93.2	92.6	89.1	89.9
Nondurable goods	88.6	89.8	90.2	90.4	92.1	93.3
Other	89.4	91.0	90.5	90.9	90.8	90.1
Final sales [2]	**285.1**	**289.3**	**289.7**	**294.3**	**300.4**	**302.5**
Final sales of goods and structures [2]	**171.3**	**172.1**	**170.6**	**172.8**	**176.7**	**177.1**
Ratio of inventories to final sales						
Inventories to final sales	3.00	2.98	2.95	2.91	2.85	2.83
Nonfarm inventories to final sales	2.73	2.73	2.71	2.66	2.60	2.60
Nonfarm inventories to final sales of goods and structures	4.55	4.58	4.60	4.53	4.42	4.43

1. Inventories are as of the end of the quarter. The quarter-to-quarter change in inventories calculated from current-dollar inventories in this table is not the current- dollar change in business inventories (CBI) component of GNP. The former is the difference between two inventory stocks, each valued at their respective end-of-quarter prices. The latter is the change in the physical volume of inventories valued at average prices of the quarter. In addition, changes calculated from this table are at quarterly rates, whereas CBI is stated at annual rates.
2. Quarterly totals at monthly rates. Business final sales equals final sales less gross product of households and institutions, government, and rest of the world, and includes a small amount of final sales by farms.

Table 5.11.—Inventories and Final Sales of Business by Industry in Constant Dollars

[Billions of 1982 dollars]

	Seasonally adjusted at annual rates					
	1985		1986			
	III	IV	I	II	III	IVp
Inventories [1]	**831.5**	**830.2**	**840.2**	**844.0**	**843.9**	**841.0**
Farm	83.2	77.8	78.6	79.6	81.7	77.7
Nonfarm	748.4	752.4	761.6	764.4	762.2	763.3
Durable goods	431.0	433.1	439.6	439.4	435.8	436.8
Nondurable goods	317.4	319.3	322.0	325.0	326.4	326.5
Manufacturing	327.8	325.2	323.9	324.1	322.5	322.3
Durable goods	214.8	212.0	210.9	209.9	208.9	208.8
Nondurable goods	113.0	113.1	113.0	114.3	113.6	113.5
Wholesale trade	173.9	174.7	176.4	177.7	180.1	180.1
Durable goods	108.7	108.7	109.9	110.6	111.5	112.2
Nondurable goods	65.2	66.0	66.5	67.0	68.6	68.0
Merchant wholesalers	147.3	148.3	150.0	151.1	153.2	153.1
Durable goods	94.7	94.9	96.2	97.3	98.1	98.3
Nondurable goods	52.6	53.4	53.7	53.8	55.1	54.8
Nonmerchant wholesalers	26.5	26.4	26.5	26.6	26.9	27.0
Durable goods	13.9	13.8	13.7	13.3	13.4	13.9
Nondurable goods	12.6	12.7	12.8	13.3	13.6	13.1
Retail trade	160.5	165.0	172.1	171.0	167.8	168.9
Durable goods	76.9	81.1	86.7	86.1	81.8	82.2
Nondurable goods	83.7	83.9	85.3	84.9	85.9	86.7
Other	86.2	87.5	89.3	91.5	91.8	91.9
Final sales [2]	**257.5**	**259.2**	**258.0**	**261.0**	**264.0**	**266.4**
Final sales of goods and structures [2]	**161.2**	**161.3**	**159.4**	**161.2**	**163.3**	**165.3**
Ratio of inventories to final sales						
Inventories to final sales	3.23	3.20	3.26	3.23	3.20	3.16
Nonfarm inventories to final sales	2.91	2.90	2.95	2.93	2.89	2.87
Nonfarm inventories to final sales of goods and structures	4.64	4.67	4.78	4.74	4.67	4.62

1. Inventories are as of the end of the quarter. Quarter-to-quarter changes calculated from this table are at quarterly rates, whereas the constant-dollar change in business inventories component of GNP is stated at annual rates.
2. Quarterly totals at monthly rates. Business final sales equals final sales less gross product of households and institutions, government, and rest of the world, and includes a small amount of final sales by farms.

171-530 O - 87 - 2

Table 6.18B.—Corporate Profits by Industry

[Billions of dollars]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
Corporate profits with inventory valuation and capital consumption adjustments	**280.7**	**299.7**	**296.3**	**285.6**	**296.4**	**293.1**	**302.0**	.....
Domestic industries	**248.8**	**264.2**	**266.3**	**250.5**	**257.9**	**260.2**	**267.3**	.....
Financial	24.6	35.0	25.5	27.2	32.5	34.3	34.6	.....
Nonfinancial	224.2	229.2	240.8	223.3	225.5	225.9	232.7	.....
Rest of the world	**31.8**	**35.5**	**30.0**	**35.1**	**38.4**	**32.9**	**34.7**	.....
Corporate profits with inventory valuation adjustment	**222.6**	**242.9**	**235.3**	**226.4**	**239.0**	**238.3**	**246.5**	.....
Domestic industries	**190.8**	**207.4**	**205.3**	**191.3**	**200.6**	**205.4**	**211.8**	.....
Financial	21.0	29.3	21.7	23.2	27.8	29.1	28.9	.....
Federal Reserve banks	16.8	15.9	16.5	16.3	17.0	16.2	15.5	.....
Other	4.3	13.4	5.2	6.9	10.8	13.0	13.4	.....
Nonfinancial	169.7	178.1	183.6	168.1	172.8	176.3	182.9	.....
Manufacturing	73.0	73.4	79.0	74.5	66.7	76.8	75.6	.....
Durable goods	28.0	31.6	28.9	26.6	28.1	34.6	31.8	.....
Primary metal industries	−3.6	−2.0	−2.6	−3.6	−2.6	−1.1	−2.3	.....
Fabricated metal products	4.1	5.0	4.5	3.0	4.7	5.0	5.1	.....
Machinery, except electrical	3.6	3.4	4.6	4.7	2.2	4.9	2.8	.....
Electric and electronic equipment	4.9	5.4	6.0	4.3	4.7	7.2	4.9	.....
Motor vehicles and equipment	6.8	4.9	4.2	6.6	6.4	4.9	4.1	.....
Other	12.1	14.9	12.3	11.6	12.7	13.7	17.1	.....
Nondurable goods	45.0	41.9	50.1	47.9	38.6	42.2	43.9	.....
Food and kindred products	7.8	10.3	9.1	7.6	9.3	10.0	11.2	.....
Chemicals and allied products	4.7	7.3	5.3	2.8	6.3	6.4	8.3	.....
Petroleum and coal products	13.4	7.6	17.0	18.7	7.3	9.7	7.0	.....
Other	19.1	16.7	18.7	18.9	15.7	16.1	17.4	.....
Transportation and public utilities	33.0	38.8	36.6	32.7	36.8	38.6	40.3	.....
Wholesale and retail trade	49.7	50.7	54.2	45.0	52.1	46.3	53.3	.....
Other	14.0	15.1	13.9	15.9	17.1	14.6	13.7	.....
Rest of the world	**31.8**	**35.5**	**30.0**	**35.1**	**38.4**	**32.9**	**34.7**	.....

Table 7.2.—Fixed-Weighted Price Indexes for Gross National Product by Major Type of Product, 1982 Weights

[Index numbers, 1982=100]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
Gross national product	**112.3**	**115.4**	**112.6**	**113.7**	**114.4**	**114.9**	**115.6**	**116.4**
Final sales	112.2	115.3	112.5	113.6	114.3	114.8	115.5	116.2
Change in business inventories	.....	.....	.....	.....	.....	.....	.....	.....
Goods	**107.6**	**108.3**	**107.5**	**108.1**	**108.2**	**107.9**	**108.3**	**108.7**
Final sales	107.6	108.1	107.4	108.0	108.1	107.7	108.2	108.4
Change in business inventories	.....	.....	.....	.....	.....	.....	.....	.....
Durable goods	107.6	105.9	105.9	105.7	105.7	105.7	106.0	106.3
Final sales	107.6	105.8	105.8	105.6	105.6	105.6	105.9	106.0
Change in business inventories	.....	.....	.....	.....	.....	.....	.....	.....
Nondurable goods	107.6	109.8	108.6	109.7	109.8	109.3	109.9	110.3
Final sales	107.6	109.7	108.5	109.6	109.7	109.1	109.7	110.1
Change in business inventories	.....	.....	.....	.....	.....	.....	.....	.....
Services	**107.6**	**122.9**	**118.3**	**119.9**	**121.2**	**122.3**	**123.4**	**124.6**
Structures	**107.6**	**107.0**	**104.9**	**105.9**	**106.2**	**106.9**	**107.3**	**107.7**

Table 7.1.—Fixed-Weighted Price Indexes for Gross National Product, 1982 Weights

[Index numbers, 1982=100]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
Gross national product	**112.3**	**115.4**	**112.6**	**113.7**	**114.4**	**114.9**	**115.6**	**116.4**
Personal consumption expenditures	**112.4**	**115.2**	**112.8**	**114.1**	**114.6**	**114.5**	**115.4**	**116.4**
Durable goods	105.1	106.5	105.0	105.3	105.8	106.0	106.9	107.4
Nondurable goods	107.8	107.7	107.8	109.2	108.4	106.5	107.4	108.3
Services	117.7	123.0	118.5	120.0	121.4	122.5	123.6	124.7
Gross private domestic investment	.....	.....	.....	.....	.....	.....	.....	.....
Fixed investment	103.3	105.2	103.4	104.0	104.2	104.9	105.5	105.9
Nonresidential	101.9	103.3	102.0	102.4	102.5	103.1	103.6	104.0
Structures	100.0	101.2	100.0	100.8	100.7	101.1	101.3	101.6
Producers' durable equipment	103.1	104.7	103.3	103.5	103.7	104.4	105.0	105.6
Residential	108.2	111.5	108.1	109.4	110.1	111.4	112.0	112.5
Change in business inventories	.....	.....	.....	.....	.....	.....	.....	.....
Net exports of goods and services	.....	.....	.....	.....	.....	.....	.....	.....
Exports	104.0	103.9	103.8	103.8	104.3	104.0	103.5	103.6
Imports	95.9	92.1	95.4	96.5	94.8	90.9	90.9	92.9
Government purchases of goods and services	**114.1**	**117.1**	**114.4**	**115.8**	**116.4**	**116.7**	**117.1**	**118.2**
Federal	111.0	111.8	110.8	112.1	112.3	112.0	111.4	111.5
National defense	111.4	112.8	111.2	112.9	113.2	112.7	112.5	112.6
Nondefense	110.0	109.5	109.7	110.3	110.1	110.1	108.8	108.9
State and local	116.3	121.0	117.0	118.5	119.4	120.2	121.3	123.1
Addenda:								
Final sales	112.2	115.3	112.5	113.6	114.3	114.8	115.5	116.2
Personal consumption expenditures, food	108.6	112.2	108.4	110.0	110.3	110.8	113.1	114.5
Personal consumption expenditures, energy	103.2	90.9	103.6	103.3	100.1	90.5	87.7	85.4
Other personal consumption expenditures	114.6	119.0	115.2	116.6	117.5	118.4	119.5	120.8

NOTE.—Percent changes from preceding period for selected items in this table are shown in table 8.1.

Table 7.3.—Fixed-Weighted Price Indexes for Relation of Gross National Product, Gross Domestic Purchases, and Final Sales to Domestic Purchasers, 1982 We ights

[Index numbers, 1982=100]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
Gross national product	**112.3**	**115.4**	**112.6**	**113.7**	**114.4**	**114.9**	**115.6**	**116.4**
Less: Exports of goods and services	104.0	103.9	103.8	103.8	104.3	104.0	103.5	103.6
Plus: Imports of goods and services	95.9	92.1	95.4	96.5	94.8	90.9	90.9	92.9
Equals: Gross domestic purchases [1]	**111.5**	**114.2**	**111.8**	**113.0**	**113.5**	**113.6**	**114.4**	**115.4**
Less: Change in business inventories	.....	.....	.....	.....	.....	.....	.....	.....
Equals: Final sales to domestic purchasers [2]	**111.4**	**114.1**	**111.7**	**113.0**	**113.4**	**113.5**	**114.3**	**115.2**

1. Purchases in the United States of goods and services wherever produced.
2. Final sales in the United States of goods and services wherever produced.

NOTE.—Percent changes from preceding period for selected items in this table are shown in table 8.1.

Table 7.4.—Implicit Price Deflators for Gross National Product

[Index numbers, 1982=100]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
Gross national product	**111.5**	**114.5**	**111.8**	**112.8**	**113.5**	**114.0**	**115.0**	**115.3**
Personal consumption expenditures	**111.9**	**114.2**	**112.2**	**113.4**	**113.7**	**113.4**	**114.4**	**115.3**
Durable goods	104.5	105.3	104.5	104.3	104.5	104.7	105.9	106.0
Nondurable goods	107.5	106.9	107.5	108.9	108.0	105.8	106.6	107.3
Services	117.3	122.4	118.0	119.5	120.6	121.8	123.0	124.3
Gross private domestic investment								
Fixed investment	101.8	104.0	101.7	102.2	103.2	103.6	104.4	105.0
Nonresidential	99.3	100.8	99.3	99.4	100.3	100.2	101.0	101.6
Structures	101.7	106.6	101.8	103.2	104.4	106.5	107.8	108.0
Producers' durable equipment	98.1	98.3	98.0	97.6	98.4	97.6	98.3	99.0
Residential	108.2	111.7	108.1	109.4	110.2	111.7	112.2	112.7
Change in business inventories								
Net exports of goods and services								
Exports	102.1	100.4	101.8	101.5	101.5	100.9	99.9	99.5
Imports	95.4	91.9	95.0	95.7	94.6	91.0	89.7	92.3
Government purchases of goods and services	**113.1**	**115.7**	**113.4**	**114.2**	**115.4**	**116.0**	**116.5**	**114.9**
Federal	109.4	110.1	109.4	109.7	111.0	111.8	111.6	106.5
National defense	110.0	110.9	109.6	112.0	111.6	111.7	110.5	109.9
Nondefense	107.9	107.8	108.9	104.6	109.2	112.1	115.4	97.3
State and local	116.0	120.1	116.6	118.0	118.8	119.4	120.3	122.1

NOTE.—Percent changes from preceding period for selected items in this table are shown in table 8.1.

Table 7.5.—Implicit Price Deflators for Gross National Product by Major Type of Product

[Index numbers, 1982=100]

Gross national product	**111.5**	**114.5**	**111.8**	**112.8**	**113.5**	**114.0**	**115.0**	**115.3**
Final sales	111.5	114.5	111.8	112.8	113.5	114.1	115.1	115.2
Change in business inventories								
Goods	**106.3**	**106.6**	**106.4**	**106.6**	**106.7**	**106.3**	**107.2**	**106.3**
Final sales	106.2	106.6	106.2	106.5	106.7	106.4	107.4	106.0
Change in business inventories								
Durable goods	103.6	102.3	103.5	103.0	103.2	102.3	102.2	101.7
Final sales	103.5	102.3	103.4	102.8	102.9	102.2	102.3	101.7
Change in business inventories								
Nondurable goods	108.5	110.1	108.7	109.6	109.5	109.5	111.3	110.1
Final sales	108.3	110.2	108.5	109.3	109.5	109.8	111.8	109.6
Change in business inventories								
Services	**117.5**	**122.5**	**118.2**	**119.7**	**120.8**	**121.9**	**123.0**	**124.3**
Structures	**106.2**	**110.4**	**106.4**	**107.6**	**108.5**	**110.4**	**111.2**	**111.6**

NOTE.—Percent changes from preceding period for selected items in this table are shown in table 8.1.

Table 7.6.—Implicit Price Deflators for Gross National Product by Sector

[Index numbers, 1982=100]

Gross national product	**111.5**	**114.5**	**111.8**	**112.8**	**113.5**	**114.0**	**115.0**	**115.3**
Gross domestic product	**111.5**	**114.5**	**111.8**	**112.8**	**113.5**	**114.0**	**115.0**	**115.3**
Business	110.5	113.1	110.8	111.7	112.2	112.7	113.7	113.7
Nonfarm	110.8	113.6	111.3	112.0	112.7	113.1	114.1	114.3
Nonfarm less housing	110.1	112.4	110.5	111.1	111.7	111.9	112.9	112.9
Housing	118.8	126.1	119.8	121.9	123.5	125.4	126.8	128.5
Farm	97.4	92.8	91.8	98.1	92.8	95.1	92.9	90.1
Statistical discrepancy	110.5	113.1	110.8	111.7	112.2	112.7	113.7	113.7
Households and institutions	117.2	121.9	117.8	119.0	120.4	121.5	122.6	123.3
Private households	102.5	103.7	102.5	102.9	103.2	103.4	103.8	104.2
Nonprofit institutions	118.4	123.4	119.0	120.3	121.8	123.0	124.1	124.8
Government	118.4	124.1	118.8	120.8	122.0	123.4	124.5	126.3
Federal	114.8	117.7	114.4	116.9	117.2	117.6	117.9	118.2
State and local	120.3	127.3	121.2	122.8	124.5	126.3	128.0	130.5
Rest of the world	**112.7**	**116.0**	**113.1**	**114.2**	**115.0**	**115.5**	**116.7**	**116.9**
Addendum:								
Gross domestic business product less housing	109.8	0						

NOTE.—Percent changes from preceding period for selected items in this table are shown in table 8.1.

Table 7.7.—Implicit Price Deflators for the Relation of Gross National Product, Net National Product, and National Income

[Index numbers, 1982=100]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
Gross national product	**111.5**	**114.5**	**111.8**	**112.8**	**113.5**	**114.0**	**115.0**	**115.3**
Less: Capital consumption allowances with capital consumption adjustment	102.7	103.2	102.8	103.0	102.8	103.2	103.3	103.5
Equals: Net national product	**112.7**	**116.0**	**113.1**	**114.2**	**114.9**	**115.5**	**116.6**	**116.9**
Less: Indirect business tax and nontax liability plus business transfer payments less subsidies plus current surplus of government enterprises	115.6	114.9	117.4	117.1	120.3	109.1	118.0	112.4
Statistical discrepancy	110.5	113.1	110.8	111.7	112.2	112.7	113.7	
Equals: National income	**112.4**	**116.1**	**112.6**	**113.9**	**114.4**	**116.2**	**116.5**	

Table 7.8.—Implicit Price Deflators for Command-Basis Gross National Product

[Index numbers, 1982=100]

Gross national product	**111.5**	**114.5**	**111.8**	**112.8**	**113.5**	**114.0**	**115.0**	**115.3**
Less: Net exports of goods and services								
Exports	102.1	100.4	101.8	101.5	101.5	100.9	99.9	99.5
Imports	95.4	91.9	95.0	95.7	94.6	91.0	89.7	92.3
Equals: Gross domestic purchases	**110.4**	**112.8**	**110.7**	**111.7**	**112.2**	**112.2**	**113.0**	**113.6**
Plus: Command-basis net exports of goods and services								
Command-basis exports	95.4	91.9	95.0	95.7	94.6	91.0	89.7	92.3
Imports	95.4	91.9	95.0	95.7	94.6	91.0	89.7	92.3
Equals: Command-basis gross national product	**110.7**	**113.4**	**111.0**	**112.2**	**112.7**	**112.8**	**113.7**	**114.4**

NOTE.—Percent changes from preceding period for selected items in this table are shown in table 8.1.

Table 7.9.—Fixed-Weighted Price Indexes for Personal Consumption Expenditures by Major Type of Product, 1982 Weights

[Index numbers, 1982=100]

Personal consumption expenditures	**112.4**	**115.2**	**112.8**	**114.1**	**114.6**	**114.5**	**115.4**	**116.4**
Durable goods	**105.1**	**106.5**	**105.0**	**105.3**	**105.8**	**106.0**	**106.9**	**107.4**
Motor vehicles and parts	108.3	110.6	108.2	108.6	109.3	110.1	110.9	112.3
Furniture and household equipment	100.7	100.7	100.2	100.5	100.7	100.4	101.0	100.6
Other	106.8	108.4	107.2	107.0	107.5	107.8	109.0	109.3
Nondurable goods	**107.8**	**107.7**	**107.8**	**109.2**	**108.4**	**106.5**	**107.4**	**108.3**
Food	108.6	112.2	108.4	110.0	110.3	110.8	113.1	114.5
Clothing and shoes	106.3	106.1	106.1	107.6	105.9	105.1	105.7	107.6
Gasoline and oil	96.0	75.3	96.7	96.5	90.6	74.1	69.2	67.4
Other nondurable goods	113.7	115.7	114.0	115.5	115.7	115.1	115.7	116.2
Fuel oil and coal	92.7	74.9	90.8	95.2	88.0	75.2	68.7	67.6
Other	116.6	121.3	117.2	118.3	119.6	120.6	122.2	122.9
Services	**117.7**	**123.0**	**118.5**	**120.0**	**121.4**	**122.5**	**123.6**	**124.7**
Housing	117.7	124.5	118.7	120.6	122.0	123.8	125.2	127.0
Household operation	115.8	118.4	116.7	116.3	117.6	118.5	119.4	117.9
Electricity and gas	114.8	114.2	115.4	113.8	114.8	114.6	115.1	112.1
Other	116.9	122.7	118.1	118.9	120.4	122.5	123.8	123.9
Transportation	109.5	113.7	109.2	110.1	112.8	113.5	113.6	114.9
Medical care	122.7	129.5	123.3	126.1	127.7	128.6	129.9	131.8
Other	116.9	121.1	117.7	118.9	119.8	120.5	121.4	122.6

Table 7.14.—Fixed-Weighted Price Indexes for Exports and Imports of Goods and Services, 1982 Weights

[Index numbers, 1982=100]

Exports of goods and services	**104.0**	**103.9**	**103.8**	**103.8**	**104.3**	**104.0**	**103.5**	**103.6**
Merchandise	98.9	96.6	98.4	97.6	98.1	97.1	95.7	95.5
Durable goods	100.4	99.7	100.2	99.9	99.9	99.5	99.4	99.8
Nondurable goods	96.9	92.5	95.8	94.5	95.7	94.0	90.7	89.9
Services	111.4	114.4	111.8	112.7	113.3	113.9	114.9	115.5
Factor income	113.0	116.4	113.4	114.6	115.3	116.1	117.0	117.5
Other	108.5	110.7	108.9	109.5	109.7	110.1	111.0	111.8
Imports of goods and services	**95.9**	**92.1**	**95.4**	**96.5**	**94.8**	**90.9**	**90.9**	**92.9**
Merchandise	92.6	86.3	91.8	93.0	90.4	85.0	84.6	87.1
Durable goods	94.9	100.6	94.6	96.2	97.6	99.5	101.7	103.6
Nondurable goods	90.2	71.9	88.9	89.8	83.1	70.3	67.3	70.4
Services	105.5	108.6	105.9	106.8	107.6	108.0	109.1	109.9
Factor income	112.7	116.0	113.1	114.2	115.0	115.5	116.6	117.0
Other	99.9	102.9	100.3	101.0	101.8	102.2	103.3	104.4

171-530 O - 87 - 3

Table 7.15.—Fixed-Weighted Price Indexes for Merchandise Exports and Imports by Type of Product and by End-Use Category, 1982 Weights

[Index numbers, 1982=100]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
Merchandise exports	**98.9**	**96.6**	**98.4**	**97.6**	**98.1**	**97.1**	**95.7**	**95.5**
Foods, feeds, and beverages	95.6	88.2	94.9	89.9	93.1	91.8	84.8	82.9
Industrial supplies and materials	95.7	91.7	94.1	95.0	94.7	91.9	90.3	90.0
Durable goods	95.7	91.7	94.1	95.0	94.7	91.9	90.3	90.0
Nondurable goods	95.7	91.7	94.1	95.0	94.7	91.9	90.3	90.0
Capital goods, except autos	99.8	98.8	99.7	99.0	98.7	98.5	98.7	99.1
Autos	109.6	112.4	110.5	110.7	111.2	112.1	112.7	113.7
Consumer goods	99.9	102.9	100.1	100.2	101.6	103.0	103.3	103.4
Durable goods	94.2	96.6	94.5	94.6	95.8	96.6	96.8	97.0
Nondurable goods	104.3	107.8	104.5	104.6	106.1	108.1	108.4	108.5
Other	101.2	99.4	100.8	100.2	100.8	100.1	98.4	98.2
Durable goods	101.1	99.4	100.8	100.2	100.8	100.1	98.4	98.2
Nondurable goods	101.2	99.4	100.8	100.2	100.8	100.1	98.4	98.2
Merchandise imports	**92.6**	**86.3**	**91.8**	**93.0**	**90.4**	**85.0**	**84.6**	**87.1**
Foods, feeds, and beverages	97.8	105.1	96.4	97.7	103.7	106.9	103.0	106.7
Industrial supplies and materials, excluding petroleum	87.4	84.5	87.3	85.7	84.9	83.7	84.0	85.4
Durable goods	87.4	84.6	87.3	85.7	85.0	83.8	84.1	85.6
Nondurable goods	87.4	84.5	87.3	85.7	84.9	83.7	83.9	85.3
Petroleum and products	84.5	45.2	82.4	84.2	69.0	42.2	36.6	40.5
Capital goods, except autos	87.9	93.2	87.7	88.6	89.9	92.2	94.5	96.2
Autos	107.1	118.0	106.4	110.6	113.4	116.7	119.3	122.0
Consumer goods	99.6	105.2	99.5	100.8	102.0	103.8	106.3	108.2
Durable goods	95.9	103.4	95.7	97.6	99.4	102.0	105.0	107.0
Nondurable goods	104.9	107.7	104.9	105.4	105.8	106.4	108.2	110.0
Other	96.7	102.1	96.5	97.9	99.3	101.2	102.9	105.0
Durable goods	96.7	102.1	96.5	97.9	99.3	101.2	102.9	105.0
Nondurable goods	96.7	102.1	96.6	97.9	99.3	101.2	102.9	105.0

Table 7.16.—Fixed-Weighted Price Indexes for Government Purchases of Goods and Services by Type, 1982 Weights

[Index numbers, 1982=100]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
Government purchases of goods and services	**114.1**	**117.1**	**114.4**	**115.8**	**116.4**	**116.7**	**117.1**	**118.2**
Federal	**111.0**	**111.8**	**110.8**	**112.1**	**112.3**	**112.0**	**111.4**	**111.5**
National defense	111.4	112.8	111.2	112.9	113.2	112.7	112.5	112.6
Durable goods	111.8	113.0	111.5	111.5	112.2	113.4	113.5	113.0
Nondurable goods	89.0	72.1	89.5	89.2	87.4	71.4	63.7	65.7
Services	113.6	117.0	113.5	115.9	116.4	116.9	117.2	117.4
Compensation of employees	114.5	117.8	113.9	117.0	117.3	117.8	117.9	118.3
Military	114.0	118.0	113.1	117.2	117.4	118.0	118.1	118.3
Civilian	115.6	117.5	115.8	116.6	116.9	117.2	117.6	118.1
Other services	112.0	115.4	112.5	113.8	114.8	115.2	115.7	115.7
Structures	110.4	115.0	110.8	112.6	113.2	114.2	116.1	116.3
Nondefense	110.0	109.5	109.7	110.3	110.1	110.1	108.8	108.9
Durable goods	99.6	99.6	99.5	100.0	99.9	99.2	99.6	99.5
Nondurable goods								
Commodity Credit Corporation inventory change								
Other nondurables	100.5	95.1	99.8	99.3	91.6	96.3	96.7	95.8
Services	113.7	115.7	113.9	114.7	115.1	115.5	115.9	116.4
Compensation of employees	115.5	117.6	115.7	116.7	117.0	117.3	117.7	118.2
Other services	110.8	112.9	111.0	111.7	112.2	112.7	113.1	113.6
Structures	107.3	109.5	107.8	108.5	109.0	109.3	109.7	109.8
State and local	**116.3**	**121.0**	**117.0**	**118.5**	**119.4**	**120.2**	**121.3**	**123.1**
Durable goods	106.4	108.6	106.5	107.3	107.4	108.1	108.6	110.2
Nondurable goods	99.2	90.4	98.2	100.0	95.4	89.5	87.9	89.0
Services	119.8	126.5	120.7	122.2	123.9	125.6	127.2	129.3
Compensation of employees	120.3	127.3	121.2	122.8	124.5	126.3	128.0	130.5
Other services	117.7	122.8	118.4	119.5	121.2	122.2	123.4	124.2
Structures	110.9	113.4	111.9	112.5	112.9	113.1	113.5	114.0

Table 7.17.—Fixed-Weighted Price Indexes for National Defense Purchases of Goods and Services, 1982 Weights

[Index numbers, 1982=100]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
National defense purchases	**111.4**	**112.8**	**111.2**	**112.9**	**113.2**	**112.7**	**112.5**	**112.6**
Durable goods	**111.8**	**113.0**	**111.5**	**111.5**	**112.2**	**113.4**	**113.5**	**113.0**
Military equipment	113.6	114.8	113.2	113.2	113.8	115.3	115.3	114.7
Aircraft	125.5	123.9	125.1	124.2	125.2	126.2	123.1	121.0
Missiles	107.7	111.8	105.8	107.9	107.2	111.9	113.8	114.4
Ships	114.3	117.2	114.7	115.4	116.7	117.6	117.2	117.2
Vehicles	75.4	85.9	73.8	76.4	77.9	78.7	92.7	94.2
Electronic equipment	106.7	107.7	106.6	106.6	106.8	107.4	108.1	108.4
Other	107.0	107.2	107.8	106.2	106.3	107.0	107.6	108.0
Other durable goods	103.9	105.0	103.9	104.1	104.8	104.8	105.1	105.3
Nondurable goods	**89.0**	**72.1**	**89.5**	**89.2**	**87.4**	**71.4**	**63.7**	**65.7**
Petroleum products	79.7	54.8	80.5	79.8	77.6	53.8	42.4	45.3
Ammunition	109.4	107.0	109.2	109.5	106.8	107.1	107.1	107.1
Other nondurable goods	107.6	109.5	107.1	108.3	109.3	109.4	109.7	109.6
Services	**113.6**	**117.0**	**113.5**	**115.9**	**116.4**	**116.9**	**117.2**	**117.4**
Compensation of employees	114.5	117.8	113.9	117.0	117.3	117.8	117.9	118.3
Military	114.0	118.0	113.1	117.2	117.4	118.0	118.1	118.3
Civilian	115.6	117.5	115.8	116.6	116.9	117.2	117.6	118.1
Other services	112.0	115.4	112.5	113.8	114.8	115.2	115.7	115.7
Contractual research and development	113.4	114.8	113.7	114.6	115.1	114.8	114.6	114.6
Installation support [1]	116.8	120.1	117.7	118.6	119.4	120.5	120.9	119.7
Weapons support [2]	112.7	113.8	112.6	114.0	114.1	113.8	113.6	113.8
Personnel support [3]	110.0	129.8	110.8	118.2	123.4	127.5	133.1	135.1
Transportation of materiel	96.2	97.9	97.0	95.9	98.1	97.8	97.5	98.3
Travel of persons	102.0	101.8	102.1	102.8	101.3	102.0	101.9	101.8
Other								
Structures	**110.4**	**115.0**	**110.8**	**112.6**	**113.2**	**114.2**	**116.1**	**116.3**
Military facilities	111.2	116.3	111.8	113.7	114.6	114.9	117.8	117.9
Other	109.1	112.9	109.5	110.8	111.0	113.1	113.6	113.9

1. Includes utilities, communications, rental payments, maintenance and repair, and payments to contractors to operate installations.
2. Includes depot maintenance and contractual services for weapons systems.
3. Includes compensation of foreign personnel, consulting, training, and education.

Table 7.18.—Current-Dollar Cost and Profit per Unit of Constant-Dollar Gross Domestic Product of Nonfinancial Corporate Business

[Dollars]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
Current-dollar cost and profit per unit of constant-dollar gross domestic product [1]	**1.081**	**1.101**	**1.083**	**1.088**	**1.095**	**1.097**	**1.106**	.....
Capital consumption allowances with capital consumption adjustment	**.120**	**.123**	**.119**	**.121**	**.121**	**.123**	**.123**	.....
Net domestic product	**.961**	**.978**	**.964**	**.967**	**.974**	**.974**	**.983**	.....
Indirect business tax and nontax liability plus business transfer payments less subsidies	.103	.106	.103	.104	.106	.103	.107	.....
Domestic income	.858	.873	.861	.863	.868	.871	.876	.....
Compensation of employees	.708	.725	.705	.716	.721	.724	.727	.....
Corporate profits with inventory valuation and capital consumption adjustments	.106	.107	.113	.105	.105	.106	.109	.....
Profits tax liability	.032	.035	.033	.033	.032	.034	.036	.....
Profits after tax with inventory valuation and capital consumption adjustments	.075	.072	.080	.072	.073	.072	.072	.....
Net interest	.043	.041	.042	.042	.042	.041	.040	.....

1. Equals the deflator for gross domestic product of nonfinancial corporate business with the decimal point shifted two places to the left.

Table 8.1.—Percent Change From Preceding Period in Selected Series

[Percent]

	1985	1986p	Seasonally adjusted at annual rates					
			1985		1986			
			III	IV	I	II	III	IVp
Gross national product:								
Current dollars	6.2	5.3	6.8	5.8	6.2	2.6	6.4	2.6
1982 dollars	2.7	2.5	4.1	2.1	3.8	.6	2.8	1.7
Implicit price deflator	3.3	2.7	2.5	3.6	2.5	1.8	3.6	1.0
Chain price index	3.6	2.5	2.5	3.9	1.9	1.5	2.5	2.3
Fixed-weighted price index	3.7	2.8	2.8	4.0	2.5	1.7	2.6	2.6
Personal consumption expenditures:								
Current dollars	7.1	6.2	8.2	6.4	4.6	5.2	10.3	2.9
1982 dollars	3.5	4.0	5.3	1.7	3.6	6.2	6.7	−.5
Implicit price deflator	3.5	2.1	2.9	4.3	1.1	−1.1	3.6	3.2
Chain price index	3.6	2.4	2.8	4.7	1.4	−.3	3.6	3.6
Fixed-weighted price index	3.7	2.5	3.0	4.7	1.5	−.4	3.4	3.5
Durable goods:								
Current dollars	8.5	8.1	23.7	−11.6	−1.3	15.3	51.0	−9.6
1982 dollars	7.8	7.3	23.8	−11.1	−1.8	14.3	44.6	−10.1
Implicit price deflator	.7	.8	0	−.8	.8	.8	4.7	.4
Chain price index	1.0	1.2	−.6	1.1	1.5	1.2	3.0	2.3
Fixed-weighted price index	1.0	1.3	−.4	1.0	1.8	1.0	3.2	1.8
Nondurable goods:								
Current dollars	4.0	3.0	2.3	6.9	3.1	−.6	1.9	3.1
1982 dollars	1.6	3.7	1.2	1.6	6.5	8.0	−.9	.4
Implicit price deflator	2.4	−.6	1.1	5.3	−3.3	−7.9	3.1	2.7
Chain price index	2.5	−.1	1.1	5.2	−2.9	−6.6	3.4	3.6
Fixed-weighted price index	2.5	−.1	1.1	5.2	−2.9	−6.8	3.2	3.5
Services:								
Current dollars	8.9	7.9	8.3	11.4	7.2	6.5	6.5	6.6
1982 dollars	3.7	3.4	3.2	6.0	3.2	2.6	2.4	2.3
Implicit price deflator	5.0	4.3	4.9	5.2	3.7	4.0	4.0	4.3
Chain price index	5.2	4.5	5.0	5.4	4.3	3.6	3.8	4.0
Fixed-weighted price index	5.2	4.5	5.1	5.2	4.6	3.8	3.6	3.8
Gross private domestic investment:								
Current dollars	−.2	3.8	−5.7	7.6	25.3	−11.3	−6.5	−.8
1982 dollars	−.7	1.9	−7.0	6.0	20.2	−10.8	−7.8	−7.5
Implicit price deflator								
Chain price index								
Fixed-weighted price index								
Fixed investment:								
Current dollars	8.7	3.9	3.9	11.7	−4.8	5.2	4.5	1.4
1982 dollars	7.7	1.6	3.2	9.9	−8.4	3.5	1.2	−.8
Implicit price deflator	.9	2.2	.8	2.0	4.0	1.6	3.1	2.3
Chain price index	1.2	1.6	.8	2.1	.2	3.2	2.1	2.0
Fixed-weighted price index	1.5	1.8	1.4	2.4	.9	2.8	2.0	1.8
Nonresidential:								
Current dollars	10.0	.1	.5	12.9	−11.9	−1.5	1.3	−.8
1982 dollars	9.3	−1.4	.1	12.5	−15.1	−.9	−2.1	−3.0
Implicit price deflator	.6	1.5	.4	.4	3.7	−.4	3.2	2.4
Chain price index	.9	.9	.7	.8	−.7	2.2	2.2	2.1
Fixed-weighted price index	1.4	1.5	1.5	1.6	.4	2.2	2.0	1.8
Structures:								
Current dollars	11.1	−7.2	−2.8	5.8	−6.5	−29.8	−5.5	−2.6
1982 dollars	7.7	−11.5	−4.6	.3	−10.8	−35.2	−9.8	−3.4
Implicit price deflator	3.1	4.8	2.0	5.6	4.7	8.3	5.0	.7
Chain price index	1.8	1.6	1.7	3.2	.2	2.6	1.3	1.4
Fixed-weighted price index	1.7	1.3	1.6	3.1	−.3	1.5	1.0	1.0
Producers' durable equipment:								
Current dollars	9.4	3.8	2.1	16.9	−14.5	15.8	4.5	0
1982 dollars	10.1	3.6	2.6	18.7	−17.0	19.6	1.2	−2.8
Implicit price deflator	−.6	.2	−.4	−1.6	3.3	−3.2	2.9	2.9
Chain price index	.4	.6	.1	−.4	−1.2	2.0	2.6	2.3
Fixed-weighted price index	1.2	1.6	1.5	.7	.9	2.6	2.6	2.3
Residential:								
Current dollars	5.7	12.9	12.6	8.7	14.2	21.0	11.6	6.1
1982 dollars	3.9	9.4	11.7	3.4	11.0	14.5	9.7	4.3
Implicit price deflator	1.8	3.2	1.1	4.9	3.0	5.6	1.8	1.8
Chain price index	1.8	3.2	1.0	5.2	2.5	5.5	1.8	1.7
Fixed-weighted price index	1.8	3.0	1.1	5.1	2.6	4.7	2.1	1.9
Exports of goods and services:								
Current dollars	−3.4	.9	−8.1	6.7	7.4	−12.0	8.9	14.3
1982 dollars	−2.0	2.5	−5.8	8.2	7.1	−9.8	13.3	16.1
Implicit price deflator	−1.4	−1.7	−2.3	−1.2	0	−2.3	−3.9	−1.6
Chain price index	−.7	−.6	−2.2	−.6	1.2	−1.7	−1.4	.5
Fixed-weighted price index	−.4	−.1	−1.7	−.2	2.0	−1.3	−1.7	.5
Imports of goods and services:								
Current dollars	1.6	6.7	−1.0	27.1	−4.2	−.9	10.9	17.1
1982 dollars	3.8	10.7	.3	23.3	.2	15.8	17.3	4.8
Implicit price deflator	−2.1	−3.7	−1.3	3.0	−4.5	−14.4	−5.6	12.1
Chain price index	−2.0	−1.7	−1.6	4.5	−4.4	−8.5	1.4	9.2
Fixed-weighted price index	−1.9	−4.0	−2.0	4.8	−7.0	−15.5	−.1	9.4
Government purchases of goods and services:								
Current dollars	11.2	6.1	16.3	13.1	−8.5	12.0	6.3	7.4
1982 dollars	6.8	3.7	13.9	10.0	−12.3	9.7	4.5	13.2
Implicit price deflator	4.1	2.3	2.1	2.9	4.3	2.1	1.7	−5.4
Chain price index	4.5	2.5	3.1	5.5	1.7	1.5	.8	2.8
Fixed-weighted price index	4.4	2.7	3.1	4.9	2.1	1.0	1.3	3.9
Federal:								
Current dollars	13.7	3.7	25.6	24.1	−24.0	14.1	1.9	7.8
1982 dollars	10.9	3.0	26.0	22.7	−27.5	11.0	2.5	30.2
Implicit price deflator	2.5	.6	−.4	1.1	4.8	2.9	−.7	−17.1
Chain price index	3.2	.8	1.3	6.2	.2	.6	−2.8	−1.6
Fixed-weighted price index	2.9	.8	1.1	4.9	.6	−1.2	−2.0	.4
National defense:								
Current dollars	10.4	7.3	17.3	3.8	−2.4	19.3	12.6	−6.7
1982 dollars	7.4	6.5	15.8	−4.7	−1.0	19.0	17.2	−4.4
Implicit price deflator	2.7	.8	1.1	9.1	−1.4	.4	−4.2	−2.2
Chain price index	3.0	1.5	1.7	7.7	0	.4	−3.2	−2.3
Fixed-weighted price index	3.7	1.2	2.0	6.0	1.2	−1.7	−1.0	.5
Nondefense:								
Current dollars	24.3	−6.1	53.5	95.3	−60.9	−.4	−26.5	70.6
1982 dollars	21.4	−6.2	59.9	130.2	−67.1	−10.3	−34.6	238.7
Implicit price deflator	2.3	−.1	−4.6	−14.9	18.8	11.1	12.3	−49.5
Chain price index	3.7	−1.0	.1	2.0	.6	1.3	−1.6	1.3
Fixed-weighted price index	1.1	−.4	−1.1	2.3	−.9	.1	−4.7	.3
State and local:								
Current dollars	9.3	8.0	9.7	5.1	5.3	10.7	9.6	7.0
1982 dollars	3.7	4.3	5.1	.3	2.6	8.7	6.1	1.1
Implicit price deflator	5.4	3.5	4.2	4.9	2.7	2.0	3.0	6.1
Chain price index	5.5	3.8	4.5	4.9	2.9	2.2	3.5	6.0
Fixed-weighted price index	5.5	4.0	4.6	5.0	3.2	2.6	3.7	6.2
Addenda:								
Gross domestic purchases:								
1982 dollars	3.4	3.6	4.6	4.0	3.0	3.6	3.7	.9
Chain price index	3.4	2.3	2.5	4.4	1.2	.6	2.7	3.2
Fixed-weighted price index	3.6	2.5	2.8	4.5	1.6	.4	2.8	3.4
Final sales:								
1982 dollars	4.2	2.5	6.1	2.7	−1.3	3.4	4.5	3.0
Chain price index	3.6	2.5	2.6	4.0	1.9	1.5	2.5	2.3
Fixed-weighted price index	3.6	2.7	2.7	3.9	2.4	1.7	2.6	2.5
Final sales to domestic purchasers:								
1982 dollars	4.8	3.6	6.6	4.7	−1.8	6.4	5.4	2.0
Chain price index	3.4	2.3	2.6	4.4	1.3	.6	2.8	3.2
Fixed-weighted price index	3.5	2.4	2.8	4.5	1.6	.3	2.8	3.3
Command-basis gross national product:								
1982 dollars	2.8	2.8	3.9	1.6	4.3	1.9	3.1	.5
Implicit price deflator	3.3	2.4	2.6	4.4	1.8	.4	3.2	2.5
Gross domestic product:								
1982 dollars	3.0	2.7	4.4	1.9	3.7	1.4	2.6	2.1
Implicit price deflator	3.3	2.7	2.5	3.6	2.5	1.8	3.6	1.0
Business:								
1982 dollars	3.1	2.8	4.8	1.9	4.0	1.4	2.7	2.1
Implicit price deflator	3.0	2.4	2.2	3.3	1.8	1.8	3.6	0
Nonfarm:								
1982 dollars	3.0	2.7	3.9	1.1	4.9	.8	2.6	2.5
Implicit price deflator	3.5	2.5	2.9	2.5	2.5	1.4	3.6	.7
Disposable personal income:								
Current dollars	5.9	5.2	−1.4	7.3	7.5	6.0	.2	2.9
1982 dollars	2.3	3.0	−4.0	2.6	6.5	7.1	−3.1	−.5

NOTE.—The fixed-weighted price index and the chain price index, both of which are weighted averages of the detailed prices used in the deflation of GNP, are measures of price change. In calculating changes in these indexes, the composition of GNP is held constant. Consequently these changes reflect only changes in prices. The fixed-weighted price index measures price change over any period, using as weights the composition of GNP in 1982. The chain price index measures price change between two consecutive periods, using as weights the composition of GNP in the first period. The implicit price deflator is a byproduct of the deflation of GNP. It is derived as the ratio of current- to constant-dollar GNP (multiplied by 100). It it the average of the detailed prices used in the deflation of GNP, but the prices are weighted by the composition of GNP in each period. Consequently, the implicit price deflator reflects not only changes in prices but also changes in the composition of GNP, and its use as a measure of price change should be avoided.

By OBIE G. WHICHARD

U.S. Sales of Services to Foreigners

Part I. An Overview of BEA's Program

BEA has recently undertaken to improve and expand the information it provides on U.S. international trade and investment in services. The effort was undertaken to support the increased emphasis on services in U.S. trade policy initiatives and trade promotion activities and to improve the information on services included in the U.S. international transactions (balance of payments) accounts.

The effort is partly an outgrowth of the Trade and Tariff Act of 1984. The act contains several provisions related to services, including provisions concerning the inclusion of services in trade negotiations and the establishment of a services industry development program. It also contains provisions dealing specifically with data: It provides for mandatory reporting of U.S. international trade in services, calls for a benchmark survey of services transactions between U.S. persons and unaffiliated foreign persons, and requires that a data base be established to help evaluate Government policies and actions pertaining to services.

The major elements of BEA's international services program are outlined in table 1. The table lists the various types of transactions, describes the sources of information and content for each type of transaction, gives the most recent estimates available, and summarizes recent and planned improvements.[1] The table includes both sales by majority-owned foreign affiliates of U.S. companies and sales by U.S. residents. Recently, BEA has developed estimates of sales of services by majority-owned foreign affiliates of U.S. multinational companies, thus closing a major gap in the information on international services. Part II of the article presents these estimates for 1982–84 along with estimates of sales of services by the U.S. parent companies. The sales reported on in part II are shown in table 1 in lines 3–5 and 35.[2]

Royalties and license fees are included in the table because information on them is needed, along with the information on sales, for trade policy purposes. For example, issues involving intellectual property rights or the transfer of technology would require information on royalties and license fees.

Although the table is limited to U.S. sales and receipts of royalties and license fees, similar information on purchases and payments exists or is planned for many of the categories shown. For example, the proposed benchmark survey of selected services transactions with unaffiliated foreign persons (line 12) has been designed to collect information on purchases as well as sales. Also, BEA plans to obtain a disaggregation between goods and services of sales by U.S. affiliates of foreign firms in its benchmark and annual surveys of foreign direct investment in the United States. This disaggregation, which will be available separately for sales to U.S. and foreign persons, will provide a measure of U.S. purchases of services from these affiliates.

The table is further limited to private transactions: U.S. Government transactions and transactions involving foreign governments (e.g., expenditures of embassies) or international organizations are not shown. Labor income and income on investments also are not shown.

Because the table was designed with a view to illustrating the information that might best support trade policy and development activities outlined above, the data and categories shown in the table and those shown in the U.S. balance of payments accounts differ in certain respects, even though much of the information shown in the table is from those accounts. A major difference is that the table includes sales abroad by majority-owned foreign affiliates of U.S. companies. As discussed in part II, such sales are of interest from the perspective of U.S. trade policy and, for many services, are much larger than sales directly from the United States. However, because they are transactions between foreign residents, they are not included in the U.S. balance of payments accounts. A second difference is that certain data items that are normally included in the balance of payments accounts on

NOTE.—The staffs of the Balance of Payments Division and the International Investment Division provided assistance in preparing material for the table in part I. Arnold Gilbert did the computer programming for data retrieval and analysis for part II.

1. Additional information about many of the BEA surveys that are used as sources may be found in table 7 of "Foreign Transactions in the National Income and Product Accounts: An Overview," in the November 1986 SURVEY.

2. The estimates of sales by U.S. parent companies to their foreign affiliates that are discussed in part II are not those shown in line 9 of table 1. These estimates cannot be disaggregated by country and cover only nonbank parents and affiliates. Estimates developed from quarterly balance of payments surveys are shown instead, because they are disaggregated by country of foreign affiliate and include banks.

Table 1.—U.S. Sales of Services to, and Receipts of Royalties and License Fees From, Foreign Residents

Line	Type of transaction and relationship of transactors	Industry or type of service	Source(s)	Content	Amount in 1984 and, if available, 1985 [Billions of dollars]	Improvements and other information
	(1)	(2)	(3)	(4)	(5)	(6)
1	**Total, by both MOFA's of U.S. companies and by U.S. residents.**		Sum of lines 2, 7, 28, and 33.		Incomplete information available. (See text for discussion of total of available estimates.)	
2	**Sales of services by MOFA's.**	All industries	Sum of lines 3 and 6		Incomplete information available	
3		Nonbank industries	BEA surveys: *Benchmark Survey of U.S. Direct Investment Abroad* (BE-10) and *Annual Survey of U.S. Direct Investment Abroad* (BE-11).	Sales of services by nonbank MOFA's of nonbank U.S. parents to other foreign persons, classified by industry of U.S. parent and by industry of MOFA. The estimates are disaggregated by country of affiliate and by whether the sale is to an affiliated or unaffiliated foreign person. Local sales are available separately from sales to other foreign countries.	1984: 57.9	Beginning with the 1982 benchmark survey, several new industry codes were created for services, and a disaggregation of sales between goods and services was provided. The annual sample survey was instituted in 1983 to permit estimates to be made for years not covered by a benchmark survey. No information is available on sales by nonbank MOFA's of U.S. banks.
4	To affiliated foreign persons.		Ditto	Ditto	1984: 9.0	Ditto.
5	To unaffiliated foreign persons.		Ditto	Ditto	1984: 49.0	Ditto.
6		Banking	None at present	Sales of services to other foreign persons by bank MOFA's of both bank and nonbank U.S. parent companies.	n.a.	BEA is working with the Interagency Task Force on Services Trade Data to find ways to develop estimates of noninterest income of banks.
7	**Sales of services by U.S. residents.**		Sum of lines 8, 11, and 25		Incomplete information available	
8	To affiliated foreign persons only.	All industries	Sum of lines 9 and 10		1984: 6.3 1985: 6.8	
9			BEA surveys: *Benchmark Survey of U.S. Direct Investment Abroad* (BE-10) and *Direct Transactions of U.S. Reporter with Foreign Affiliate* (BE-577).	Sales of services by U.S. parent companies to their foreign affiliates, classified by industry of parent and by industry of affiliate. The estimates are disaggregated by country of affiliate.	1984: 4.5 1985: 4.8	Questions on sales of services were recently changed to obtain more complete information. Regular publication of U.S. parents' receipts from affiliates separately from parents' payments to affiliates was begun in June 1986; previously, only net receipts were available for years not covered by a benchmark survey.
10			BEA surveys: *Benchmark Survey of Foreign Direct Investment in the United States* (BE-12), *Transactions of U.S. Affiliate, Except an Unincorporated Bank, with Foreign Parent* (BE-605), and *Transactions of U.S. Banking Branch or Agency with Foreign Parent* (BE-606B).	Sales of services by U.S. affiliates to their foreign parent groups, classified by industry of affiliate. The estimates are disaggregated by country of foreign parent.	1984: 1.8 1985: 2.0	Questions on sales of services were recently changed to obtain more complete information. Regular publication of U.S. affiliates' receipts from foreign parents separately from parents' payments to affiliates was begun in June 1986; previously, only net receipts were available for years not covered by a benchmark survey.
11	To unaffiliated foreign persons only.	All types of services, except insurance.	Sum of lines 12–18 and 24		Incomplete information available	
12		Selected services	BEA surveys: *Benchmark Survey of Selected U.S. Services Transactions with Unaffiliated Foreign Persons* (BE-20) (proposed) and *Annual Survey of Selected U.S. Services Transactions with Unaffiliated Foreign Persons* (planned).	Sales of the following services: Advertising services; computer and data processing services; data base and other information services; telecommunications services; agricultural services; research and development, and commercial testing, laboratory services; management, consulting, and public relations services; management of health care facilities; accounting, auditing, and bookkeeping services; legal services; educational and training services; mailing, reproduction, and commercial art; employment agencies and temporary help supply services; industrial engineering services; industrial-type maintenance and repair, installation, and training services; and performing arts, sports, and other live performances, presentations, and events.	n.a.	The BE-20 survey proposal will be sent to the Office of Management and Budget for clearance in early 1987. As proposed, the survey would collect data for 1986. It is anticipated that there will be an annual follow-on survey that is more limited, with scope and coverage to be determined following an analysis of the data from the BE-20 survey.
13		Telecommunications	Information provided to BEA by common carriers.	Receipts by U.S. carriers for transmitting messages originating in foreign countries to U.S. destinations. The estimates cover only basic telecommunications services—that is, those services that involve the point-to-point transmission of voice or data. No information is available on value added, or enhanced, services.	1984: 1.3 1985: 1.5	The information provided by common carriers would be replaced by proposed surveys of selected services (see line 12, column 4), which would require reporting of both basic and value added services. Coverage of basic services would be improved, and value added services would be covered for the first time.

Table 1.—U.S. Sales of Services to, and Receipts of Royalties and License Fees From, Foreign Residents—Continued

Line	Type of transaction and relationship of transactors	Industry or type of service	Source(s)	Content	Amount in 1984 and, if available, 1985 [Billions of dollars]	Improvements and other information
	(1)	(2)	(3)	(4)	(5)	(6)
14		Construction, engineering, architecture, and related technical services.	BEA survey: *Foreign Contract Operations of U.S. Construction, Engineering, Architectural, and Related Consulting and Technical Services Firms* (BE-47).	Receipts in column 5 are for net amount of funds remaining in the United States or to the U.S. account; data on gross income or operating revenues have been collected but are not yet available.	1984: 1.9 1985: 1.6	Questions on gross income or operating revenues were added recently. Previously, the survey collected only net funds remaining in the United States or to the U.S. account, which is the amount included in the balance of payments accounts. Reporting on form BE-47 was recently made mandatory.
15		Film rentals	BEA survey: *International Transactions in Royalties, Licensing Fees, Film Rentals, Management Fees, etc., with Unaffiliated Foreign Residents* (BE-93).	Film rental receipts	1984: 0.4 1985: 0.4	
16		Travel	U.S. Travel and Tourism Administration (USTTA) survey: Survey of International Air Travelers Departing the United States. U.S. Immigration and Naturalization Service information. Information obtained from Canada and Mexico.	Expenditures in the United States by foreign travelers. Estimates are developed by combining estimates of average expenditures with estimates of numbers of travelers from the U.S. Immigration and Naturalization Service. Estimates of average expenditures are from BEA surveys that have been discontinued; in the future, estimates will be based on the USTTA survey. Information from Canada and Mexico is used to develop estimates of receipts from these countries; estimates for these countries include passenger fares to and from the United States.	1984: 11.4 1985: 11.7	
17		Passenger fares	USTTA survey: *Survey of International Air Travelers Departing the United States.* U.S. Immigration and Naturalization Service Information. BEA survey: *U.S. Airline Operator's Foreign Revenues and Expenses* (BE-37).	Airfare expenditures by foreign travelers on U.S. carriers. Estimates are developed in two parts: expenditures for travel between the United States and overseas countries, and travel between two foreign points. They are developed by combining estimates of average airfares with estimates of numbers of travelers on U.S. carriers by a method similar to the estimation of travel receipts. Estimates for travel between foreign points are developed from data obtained from form BE-37.	1984: 3.0 1985: 3.0	Reporting on form BE-37 was recently made mandatory.
18		Other transportation	Sum of lines 19-23		1984: 13.8 1985: 14.0	
19		Freight receipts—ocean	BEA and Census Bureau surveys: *Ocean Freight Revenues and Foreign Expenses of U.S. Carriers* (BE-30) and *U.S. Waterborne Exports: Domestic and Foreign Merchandise* (Census Bureau tabulation SM 711).	Revenues of U.S. carriers from transporting U.S. exports to foreign countries and from transporting freight between foreign points. Estimates are developed using sample data on revenue and tonnage from form BE-30, extrapolated to a universe estimate by comparing tonnage carried by BE-30 reporters with universe data on tonnage from tabulation SM 711.	1984: 3.3 1985: 3.4	Reporting on form BE-30 was recently made mandatory.
20		Freight receipts—air	BEA and Census Bureau surveys: *U.S. Airline Operators' Foreign Revenues and Expenses* (BE-37) and *U.S. Exports by Air* (Census Bureau tabulation AM 754).	Revenues of U.S. airlines from transporting U.S. exports to foreign countries and from transporting freight between foreign points. Estimates are developed using sample data on revenues and tonnage from form BE-37, extrapolated to a universe estimate by comparing tonnage carried by BE-37 reporters with universe data on tonnage from tabulation AM 754.	1984: 0.6 1985: 0.7	See line 17.
21		Port services—ocean	BEA and Census Bureau surveys: *Foreign Ocean Carriers' Expenses in the United States* (BE-29), *U.S. Waterborne Exports: Domestic and Foreign Merchandise* (Census Bureau tabulation SM 711), and *U.S. Waterborne Imports* (Census Bureau tabulation SM 311).	Foreign carriers' expenditures related to loading, unloading, and storing cargo at U.S. ports, such as: stevedoring; container, barge, and warehouse rentals; expenditures for fuels and oils loaded aboard in U.S. ports; expenditures for pilotage and towing; and documentation and harbor fees. Estimates are developed by using sample data on expenditures and tonnage from form BE-29, extrapolated to a universe estimate by comparing tonnage carried by BE-29 reporters with universe data on tonnage from tabulations SM 711 and SM 311.	1984: 5.5 1985: 5.2	
22		Port services—air	BEA and Census Bureau surveys: *Foreign Airline Operators' Revenues and Expenses in the United States* (BE-36) and *U.S. Imports by Air* (Census Bureau tabulation AM 354).	Expenditures in the United States by foreign carriers for fuels and oils; wages and salaries paid to employees; agents' and brokers' fees and commissions; aircraft handling and terminal services; and similar expenses. Estimates are developed using sample data on revenues from form BE-36, extrapolated to a universe estimate by comparing tonnage carried by BE-36 reporters with universe data on tonnage from tabulation AM 354.	1984: 3.8 1985: 4.0	
23		Other	Miscellaneous sources	Pipeline, rail and Great Lakes shipping transportation between the United States, Canada, and Mexico, and port service receipts associated with rail and Great Lakes traffic.	1984: 0.6 1985: 0.6	No information on freight revenues and port service receipts associated with truck traffic between the United States, Canada, and Mexico is available.

Table 1.—U.S. Sales of Services to, and Receipts of Royalties and License Fees From, Foreign Residents—Continued

Line	Type of transaction and relationship of transactors	Industry or type of service	Source(s)	Content	Amount in 1984 and, if available, 1985 [Billions of dollars]	Improvements and other information
	(1)	(2)	(3)	(4)	(5)	(6)
24		Other types of services	Miscellaneous sources	Services not listed elsewhere	n.a.	BEA is developing estimates for three items in this group—(1) foreign students' expenditures in the United States, (2) foreign medical patients' expenditures in the United States, and (3) commissions on securities, commodities, and futures transactions. Currently, sources of information are not available to estimate several items, including leasing transactions with unaffiliated parties, certain types of disbursements by foreign persons in the United States, and some financial services. BEA is working with the Interagency Task Force on Services Trade Data to find ways to develop estimates of noninterest income of banks and other financial institutions.
25	To both affiliated and unaffiliated foreign persons.	Insurance	Sum of lines 26 and 27		Incomplete information available	
26		Reinsurance	BEA survey: *Reinsurance Transactions with Insurance Companies Resident Abroad* (BE-48).	Net premiums received on reinsurance assumed from insurance companies resident abroad. (The survey also collects information on claims paid.) No detail by type of foreign person (affiliated or unaffiliated) is available.	1984: 1.2 1985: 1.3	Reporting on form BE-48 was recently made mandatory.
27		Direct insurance	See column 6	Net premiums received on sales of direct insurance to foreign persons. No detail by type of foreign person (affiliated or unaffiliated) will be available.	n.a.	Plans are to add questions on direct insurance to form BE-48 beginning with the survey covering 1987.
28	**Receipts of royalties and license fees by U.S. residents.**	All industries	Sum of lines 29 and 32		1984: 5.7 1985: 6.0	
29	From affiliated foreign persons.		Sum of lines 30 and 31		1984: 4.1 1985: 4.3	
30	U.S. parents' receipts from foreign affiliates.		BEA surveys: *Benchmark Survey of U.S. Direct Investment Abroad* (BE-10) and *Direct Transactions of U.S. Reporter with Foreign Affiliate* (BE-577).	Royalties, license fees, and other fees for the use or sale of intangible property. No detail is available on the type of intangible asset. The estimates are disaggregated by country of foreign affiliate.	1984: 4.0 1985: 4.2	Regular publication of U.S. parents' receipts from affiliates separately from parents' payments to affiliates was begun in June 1986; previously, only net receipts were available for years not covered by a benchmark survey.
31	U.S. affiliates' receipts from foreign parents.		BEA surveys: *Benchmark Survey of Foreign Direct Investment in the United States* (BE-12), *Transactions of U.S. Affiliate, Except an Unincorporated Bank, with Foreign Parent* (BE-605), and *Transactions of U.S. Banking Branch or Agency with Foreign Parent* (BE-606B).	Royalties, license fees, and other fees for the use or sale of intangible property. No detail is available on the type of intangible asset. The estimates are disaggregated by country of foreign parent.	1984: 0.1 1985: 0.1	Regular publication of U.S. affiliates' receipts from foreign parents separately from parents' payments to affiliates was begun in June 1986; previously, only net receipts were available for years not covered by a benchmark survey.
32	From unaffiliated foreign parents.		BEA survey: *International Transactions in Royalties, Licensing Fees, Film Rentals, Management Fees, Etc., with Unaffiliated Foreign Residents* (BE-93).	Royalties, license fees, and other fees for the use or sale of intangible property. No detail is available on the type of intangible asset. The estimates are disaggregated by country. The estimates are linked to direct investment benchmark survey data.	1984: 1.6 1985: 1.7	Plans are to add detail on type of intangible asset beginning with the survey covering 1987.
33	**Receipts of royalties and license fees by MOFA's from foreign persons.**	All industries	None at present	Royalties, license fees, and other fees for the use or sale of intangible property.	n.a.	There are no plans to modify BEA surveys to request this item.
34	**Addenda**—Sales of services to unaffiliated foreigners by U.S. parent companies and by U.S. affiliates of foreign companies.	Nonbank industries	Sum of lines 35 and 36		Incomplete information available	
35	By U.S. parent companies.		BEA surveys: *Benchmark Survey of U.S. Direct Investment Abroad* (BE-10) and *Annual Survey of U.S. Direct Investment Abroad* (BE-11).	Sales of services by U.S. parent companies to foreigners other than their own affiliates. Overlaps to an unknown degree the sales listed by type of service in lines 12–18, 24, 26, and 27.	1984: 14.0	See line 3.
36	By U.S. affiliates of foreign companies.		BEA surveys: *Benchmark Survey of Foreign Direct Investment in the United States* (BE-12) and *Annual Survey of Foreign Direct Investment in the United States* (BE-15).	After planned improvements, sales of services by U.S. affiliates to foreigners other than their foreign parent groups. Would overlap to an unknown degree the sales listed by type of service in lines 12–18, 24, 26, and 27.	n.a.	Beginning with the 1987 benchmark survey, questions on sales will be changed to obtain a disaggregation between goods and services in a manner parallel to that provided by the BE-10 and BE-11 surveys.

MOFA Majority-owned foreign affiliate.
n.a. Not available.

a net basis have been shown in the table on a gross basis, in order to permit the magnitude of U.S. sales to be gauged.[3]

Each item shown in the table is classified on one of two bases: Some are classified by type of service; others, by industry of company. The estimates derived from direct investment surveys (lines 3–5, 9 and 10, 30, 31, 35, and 36) are classified by industry of company, as are the estimates of royalties and license fees received from unaffiliated foreign residents (line 32). The remaining items, consisting of sales of services by U.S. residents to unaffiliated foreigners, are classified by type of service.

The table is structured so that a total could be struck for the sum of sales to, and receipts of royalties and license fees received from, foreign persons by both U.S. residents and majority-owned foreign affiliates of U.S. companies. A figure is not shown, because significant components of the total are not now available. However, it can be noted that the components that *are* available summed to $104 billion in 1984. This partial total is comprised of: (1) $58 billion in sales by majority-owned foreign affiliates (line 3), (2) $40 billion in sales by U.S. residents (line 7), and (3) $6 billion in U.S. residents' receipts of royalties and license fees (line 28).[4]

The items for which information is not now available include: (a) noninterest income of majority-owned foreign affiliates in banking (line 6), (b) sales of various types of services to unaffiliated foreign residents (lines 12 and 24), (c) premiums on direct insurance (line 27), and (d) receipts by majority-owned foreign affiliates of royalties and license fees from both affiliated and unaffiliated foreign residents (line 33). As outlined in the table, BEA is working to fill several of these gaps.

3. The presentation on a gross basis of data that appear in the balance of payments accounts on a net basis has been done in several instances. (1) U.S. parents' sales of services to, and receipts of royalties and license fees from, foreign affiliates are included in U.S. exports of goods and services net of analogous purchases or payments; however, they are included in table 1 on a gross basis (in lines 9 and 30, respectively). (2) U.S. affiliates' sales of services to, and receipts of royalties and license fees from, their foreign parents are included in U.S. *imports* of goods and services as a deduction from analogous purchases or payments; however, they are included in table 1 on a gross basis (in lines 10 and 31, respectively). (3) Reinsurance premiums received are included in U.S. exports of goods and services net of claims paid, whereas only premiums are included as sales in table 1 (in line 26). Although contractors' fees (line 14) should be shown in the table as gross income or operating revenues, the only information as yet available is the net funds remaining in the United States or to the U.S account (that is, the difference between gross income and the sum of associated U.S. exports and foreign expenses or outlays).

4. It is noted in part II that the estimates of sales by majority-owned foreign affiliates in the industry of finance (except banking), insurance, and real estate may include interest and other factor income, as well as receipts for services performed. If sales by these affiliates are excluded, the total of available components would be about $85 billion.

Part II. Sales of Services by U.S. Multinational Companies

AN important element of BEA's statistical program in international services is the disaggregation of estimates of sales by U.S. parent companies and their majority-owned foreign affiliates (MOFA's) into goods and services. This disaggregation was first requested of respondents in the 1982 benchmark survey of U.S. direct investment abroad and has been continued in a new annual survey. The results are now available through 1984.[5] They cover nonbank U.S. parents of nonbank foreign affiliates and their nonbank MOFA's. (MOFA's are foreign affiliates for which the combined direct and indirect ownership interest of all U.S. parents exceeds 50 percent.)

The new information on sales of services is particularly important in evaluating the global operations in services of U.S. multinational companies (MNC's). Whether because of the nature of the services being rendered or because of restrictions on their provision by nonresidents, delivery abroad must often be through foreign affiliates, rather than directly from parents in the United States. Thus, to obtain a complete picture of these operations, it is essential to have information on sales abroad by affiliates, but because these sales are transactions between foreign residents, they are not covered by U.S. balance of payments data. Also, the availability of data on sales by both U.S. parents and foreign affiliates permits the relative size of the two channels used by MNC's to deliver services abroad—direct exports from the United States and sales by foreign affiliates—to be evaluated. As will be seen, for U.S. MNC's, sales of services abroad were much larger for affiliates than for parents in 1982–84.

Because this is a new data series, and because "sales of services" can be measured in more than one way, it is necessary to explain terminology before reviewing the survey results. Most critical to understanding the results are explanations of what constitutes a "service" and a "sale" in the term "sales of services."

5. Results of the 1984 annual survey are summarized in "U.S. Multinational Companies: Operations in 1984," in the September 1986 SURVEY OF CURRENT BUSINESS; results of the 1983 survey are summarized in a similar article in the January 1986 SURVEY. More detailed estimates are available in *U.S. Direct Investment Abroad: Operations of U.S. Parent Companies and Their Foreign Affiliates, Preliminary 1984 Estimates* and in *U.S. Direct Investment Abroad: Operations of U.S. Parent Companies and Their Foreign Affiliates, Revised 1983 Estimates*; price $5.00 each. Copies may be obtained from Economic and Statistical Analysis/BEA, U.S. Department of Commerce, Citizens and Southern National Bank, 222 Mitchell Street, P.O. Box 100606, Atlanta, GA 30384. When ordering, specify title and enclose a check or money order made payable to "Economic and Statistical Analysis/BEA."

Results of the 1982 benchmark survey are summarized in "1982 Benchmark Survey of U.S. Direct Investment Abroad," in the December 1985 SURVEY. Complete results—including a methodology, basic concepts and definitions of U.S. direct investment abroad, more than 300 tables, and reprints of the survey forms and instructions—are in *U.S. Direct Investment Abroad: 1982 Benchmark Survey Data*. Copies may be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402; price $18.00, stock number 003-010-00161-5.

The 1984 estimates in this article incorporate revisions to the preliminary 1984 estimates shown in earlier publications. The usual procedure would be for such revisions to be published next summer; however, because revisions to date significantly affect the industry distribution of sales, the allocation between goods and services, and the growth rate, they have been incorporated in this article ahead of the usual schedule.

Definitions

Definition of services

In BEA's direct investment surveys, all sales are considered to be of either goods or services; no separate category is provided for sales that are a combination of the two.[6] Services are the activities that are characteristic of a particular group of industries. An entity (U.S. parent or MOFA) does not itself have to be classified in one of these industries in order to have sales of services and, in fact, a significant portion of sales of services by U.S. MNC's in 1982–84 was accounted for by entities in manufacturing and other goods-producing industries that sold services as a secondary activity. Conversely, an entity classified in a services industry could have sales of goods, although, in fact, the portion of total sales of goods accounted for by affiliates in a services industry was small.

The particular group of industries consists of those in the "services" division of the Standard Industrial Classification (SIC) and several other services-producing industries. The "services" division of the SIC essentially corresponds to the industries listed under "services" in the accompanying tables: Hotels and other lodging places; various business services; motion pictures, including television tape and film; engineering, architectural, and surveying services; health services; and miscellaneous "other services."[7] The other services-producing industries are: Oil and gas field services; petroleum tanker operations, petroleum and natural gas pipelines, and petroleum storage for hire (all of which are included in "other petroleum"); finance (except banking), insurance, and real estate; agricultural services (part of agriculture, forestry, and fishing); metal mining services (part of mining); and transportation, communication, and public utilities. (Banking, although a service, was not covered by the questions on sales of services in either the benchmark survey or the annual survey; thus, it is not included in the categories listed above.)

Wholesale and retail trade and construction are not treated as services producing, even though they might be considered services in another context. Although wholesale and retail trade are service industries from the standpoint of production, or value added, sales in these industries consist primarily of goods. Similarly, although construction is sometimes considered a service industry, particularly where international operations are concerned, the end product of the industry is tangible and visible, and thus more like a good than a service.

Definition of sales

"Sales," as used in this article, is actually shorthand for "sales or gross operating revenues," as it would appear in the income statements of the U.S. parents and foreign affiliates covered by the surveys. Thus, it ordinarily would include revenues generated by a parent's or affiliate's primary lines of business and would exclude incidental or unrelated revenue sources. For example, a computer manufacturer that sold such related services as maintenance, repair, and programming would include funds received for these services in its sales or gross operating revenues. However, it would place income earned by investing in interest-bearing securities in "other income," rather than in sales or gross operating revenues, because the activity of making investments is incidental to the manufacture or servicing of computers. A finance company, in contrast, *would* include interest received in its operating revenues, because making loans is a primary activity of such companies. Similarly, an insurance company would include interest and other investment income, along with premiums, in its operating revenues.

Because investment income is sometimes included in sales of services, the data on services do not always provide a measure of services performed, excluding factor incomes. However, the inclusion of interest and other investment income in sales or gross operating revenues is largely confined to two industries—finance and insurance. (In other industries, such income would generally be included in "other income.") The amount of such income for finance and for insurance companies can be roughly gauged using 1982 benchmark survey data on interest received. In insurance, revenues appear to be accounted for largely by premium income, rather than by interest, for both U.S. parents and foreign affiliates, but particularly for the latter. In finance (except banking), most affiliate revenues are accounted for by interest, and most parent revenues are accounted for by other types of revenues.[8]

To facilitate the analysis of sales excluding factor income, several tables in this article include an addendum showing sales of services for industries other than finance, insurance, and real estate. Just as the figures for all industries overstate total services performed because they include interest received by finance and insurance companies, the figures in the addendum understate the total because they exclude services performed by these companies. Thus, the value of services performed lies somewhere in between; determining exactly where requires information beyond that presently requested on the survey forms.

6. Goods and services are often sold as a package, without the components being separately priced. When they are, it may not be possible to relate the individual components to the industries with which they are associated. For example, machinery may be sold as a part of a package including services such as installation, maintenance, and training. In such cases, survey respondents are requested to provide separate estimates of the goods and services components, if possible. If this cannot be done, they are instructed to include the total amount of the sale in whichever category—goods or services—accounts for the majority of the value. To the extent that the goods component of such transactions typically would be the largest, the share of services in total sales would be understated, particularly in industries where bundled transactions are common.

7. The titles of these industries, and others in the tables, are not directly from the SIC, but are from BEA's *Direct Investment Industry and Foreign Trade Classifications Booklet*, which is distributed to survey respondents. However, both the codes and the industries are closely related to the SIC.

In collecting the data, separate codes are used for several service industries not shown separately in the tables. The complete list of codes used, along with global totals for selected data items for each industry having a separate code, is given in the publications (cited in footnote 5) containing the detailed survey results. Because of the requirement that data of individual companies not be disclosed, little data beyond these global totals can be shown for the industries that have been combined in the tables.

8. In 1982, U.S. parents in insurance had sales of services of $169.2 billion and interest received of $34.8 billion, while MOFA's in insurance had sales of services of $13.4 billion and interest received of $2.6 billion. In finance (except banking), MOFA's had sales of services of $9.9 billion and interest received of $8.0 billion. Sales of services by U.S. parents classified in finance (except banking) cannot be disclosed. However, these parents' total sales, which are disclosed and probably consist mainly of services, were $16.0 billion, and their interest received was $7.2 billion.

For two reasons, these figures are only rough indicators of the composition of operating revenues. First, interest is not the only type of factor income that could be included in revenues. Second, the method of accounting for interest received may not be the same for every company.

In some cases, a company may not include in sales the funds that are received from customers but are ultimately passed on to others who share in providing the services. For example, an advertising agency receives funds from clients to cover both its own services and services of others—such as media suppliers (e.g., broadcasters and publishers)—involved in an advertising campaign. Only the funds for the agency's own services (referred to in the industry as "gross income") are included in sales or gross operating revenues, although a broader measure ("gross billings"), which includes the cost of media space and time, etc., would be useful in analyzing the total amount of advertising booked through the agencies.

As a final caveat, it should be noted that data on sales or gross operating revenues do not measure production, or value added. Although one may think of the operations of the typical services firm as being relatively self-contained, with little use of purchased inputs, information from the benchmark surveys indicates that value added is considerably lower than sales for most service industries and that the ratio of value added to sales varies a good deal from one service industry to another.

In disaggregating affiliate sales by industry, two bases of classification are used—industry of U.S. parent, based on the industry distribution of the U.S. parent's sales, and industry of foreign affiliate, based on the industry distribution of the foreign affiliate's sales. When comparing affiliate sales with parent sales, or in examining the relative shares of parents and affiliates in worldwide MNC sales, affiliate sales are classified by industry of U.S. parent. When discussing affiliate sales only, they are classified by the affiliate's own industry.

Overview

Table 2 shows the complete matrix of available data on sales for the 1982-84 period for all countries and

Table 2.—Sales of Goods and Services by Nonbank U.S. Parents and Foreign Affiliates, 1982-84

	Millions of dollars									Services as a percentage of total		
	1982			1983			1984					
	Total	Goods	Services	Total	Goods	Services	Total	Goods	Services	1982	1983	1984
U.S. parents												
All nonbank parents of nonbank affiliates	2,348,388	1,814,963	533,425	2,377,488	1,830,974	546,513	2,520,097	1,967,727	552,370	22.7	23.0	21.9
To U.S. persons	2,067,535	1,551,101	516,434	n.a.	n.a.	529,863	n.a.	n.a.	533,812	25.0	n.a.	n.a.
To foreign persons	280,853	263,862	16,991	n.a.	n.a.	16,650	n.a.	n.a.	18,557	6.0	n.a.	n.a.
To foreign affiliates	109,497	106,134	3,363	n.a.	n.a.	3,389	n.a.	n.a.	4,584	3.1	n.a.	n.a.
To other foreign persons	171,356	157,728	13,628	n.a.	n.a.	13,261	n.a.	n.a.	13,973	8.0	n.a.	n.a.
Foreign affiliates												
All nonbank affiliates of nonbank parents	935,780	n.a.	n.a.	886,314	n.a.	n.a.	894,587	n.a.	n.a.	n.a.	n.a.	n.a.
Majority-owned affiliates	730,235	663,918	66,317	705,811	640,030	65,781	716,410	649,117	67,293	9.1	9.3	9.4
To affiliated persons	159,875	n.a.	n.a.	162,177	146,344	15,833	173,088	156,305	16,783	n.a.	9.8	9.7
To unaffiliated persons	570,361	n.a.	n.a.	543,634	493,685	49,949	543,322	492,812	50,510	n.a.	9.2	9.3
To U.S. persons	76,780	69,331	7,449	76,814	68,650	8,164	88,956	79,583	9,373	9.7	10.6	10.5
To U.S. parents	63,572	n.a.	n.a.	64,187	57,489	6,698	75,671	67,848	7,823	n.a.	10.4	10.3
To unaffiliated U.S. persons	13,208	n.a.	n.a.	12,627	11,161	1,466	13,286	11,736	1,550	n.a.	11.6	11.7
To foreign persons	653,455	594,586	58,869	628,996	571,380	57,617	627,453	569,533	57,920	9.0	9.2	9.2
To other foreign affiliates	96,303	n.a.	n.a.	97,990	88,855	9,134	97,417	88,457	8,960	n.a.	9.3	9.2
To unaffiliated foreigners	557,152	n.a.	n.a.	531,006	482,524	48,483	530,036	487,076	48,960	n.a.	9.1	9.2
Local sales	477,961	426,942	51,469	457,048	407,404	49,645	455,081	405,464	49,617	10.8	10.9	10.9
To other foreign affiliates	28,127	n.a.	n.a.	24,945	19,496	5,448	24,056	19,072	4,984	n.a.	21.8	20.7
To unaffiliated foreigners	449,834	n.a.	n.a.	432,103	387,907	44,196	431,025	386,392	44,633	n.a.	10.2	10.4
Sales to other countries	175,494	168,094	7,400	171,948	163,976	7,973	172,372	164,069	8,303	4.2	4.6	4.8
To other foreign affiliates	68,176	n.a.	n.a.	73,045	69,359	3,686	73,361	69,386	3,976	n.a.	5.0	5.4
To unaffiliated foreigners	107,318	n.a.	n.a.	98,903	94,616	4,287	99,011	94,684	4,327	n.a.	4.3	4.4
Minority-owned affiliates	205,545	n.a.	n.a.	180,503	n.a.	n.a.	178,177	n.a.	n.a.	n.a.	n.a.	n.a.
	Percent change from previous year											
U.S. parents												
All nonbank parents of nonbank affiliates				1.2	0.9	2.5	6.0	7.5	1.1			
To U.S. persons				n.a.	n.a.	2.6	n.a.	n.a.	.7			
To foreign persons				n.a.	n.a.	−2.0	n.a.	n.a.	11.5			
To foreign affiliates				n.a.	n.a.	.8	n.a.	n.a.	35.3			
To other foreign persons				n.a.	n.a.	−2.7	n.a.	n.a.	5.4			
Foreign affiliates												
All nonbank affiliates of nonbank parents				−5.3	n.a.	n.a.	.9	n.a.	n.a.			
Majority-owned affiliates				−3.3	−3.6	−.8	1.5	1.4	2.3			
To affiliated persons				1.4	n.a.	n.a.	6.7	6.8	6.0			
To unaffiliated persons				−4.7	n.a.	n.a.	−.1	−.2	1.1			
To U.S. persons				(*)	−1.0	9.6	15.8	15.9	14.8			
To U.S. parents				1.0	n.a.	n.a.	17.9	18.0	16.8			
To unaffiliated U.S. persons				−4.4	n.a.	n.a.	5.2	5.2	5.7			
To foreign persons				−3.7	−3.9	−2.1	−.2	−.3	.5			
To other foreign affiliates				1.8	n.a.	n.a.	−.6	−.4	−1.9			
To unaffiliated foreigners				−4.7	n.a.	n.a.	−.2	.9	1.0			
Local sales				−4.4	−4.6	−3.5	−.4	−.5	−.1			
To other foreign affiliates				−11.3	n.a.	n.a.	−3.6	−2.2	−8.5			
To unaffiliated foreigners				−3.9	n.a.	n.a.	−.2	−.4	1.0			
Sales to other countries				−2.0	−2.4	7.7	.2	1.0	4.1			
To other foreign affiliates				7.1	n.a.	n.a.	.4	(*)	7.9			
To unaffiliated foreigners				−7.8	n.a.	n.a.	.1	.1	.9			
Minority-owned affiliates				−12.2	n.a.	n.a.	−1.3	n.a.	n.a.			

n.a. Not available.
* Less than 0.1 percent.

industries combined. To provide perspective, total sales and sales of goods are shown along with sales of services for both U.S. parents and their MOFA's. Total sales are also shown for minority-owned affiliates, but data are not available to disaggregate these sales between goods and services.

This section of the article will briefly examine the global sales totals—both their overall 1984 patterns and their growth during 1982–84. The next section will examine in greater detail the composition of sales of services in 1984.

1984 patterns

U.S. parents.—In 1984, total sales by U.S. parents were $2,520.1 billion, of which $1,967.7 billion, or 78 percent, were goods, and $552.4 billion, or 22 percent, were services (as defined). Of the sales of services, $533.8 billion, or 97 percent, were to U.S. persons and only $18.6 billion, or 3 percent, were to foreign persons, mainly unaffiliated persons (that is, foreign persons other than the parent's own foreign affiliates). Total sales and sales of goods were not broken down by destination in the annual surveys for 1983 and 1984. This breakdown was requested in the 1982 benchmark survey, however, and, in 1982, services accounted for 25 percent of U.S. parents' sales to U.S. persons and for only 6 percent of their sales to foreign persons. The tendency for goods to predominate more in foreign than in domestic sales may reflect the previously mentioned need for a local presence to deliver services to foreign markets.

Foreign affiliates.—For foreign affiliates, total sales in 1984 were $894.6 billion. Of this amount, MOFA's accounted for $716.4 billion, or 80 percent. Minority-owned affiliates accounted for the remaining 20 percent. All further references to affiliate data are to data of MOFA's.[9]

MOFA sales were mainly of goods, which accounted for $649.1 billion, or 91 percent, of the total. Services accounted for the remaining $67.3 bil-

9. The focus on MOFA's reflects both the practical difficulty of collecting data on minority-owned affiliates from U.S. parents and the fact that MOFA's, with their larger U.S. ownership share, are of primary interest in evaluating U.S. companies' stakes in foreign markets.

Table 3.—Sales of Services by Nonbank U.S. Parents, by Industry of U.S. Parent, 1982–84

[Millions of dollars]

	1982					1983					1984				
			To foreign persons					To foreign persons					To foreign persons		
	Total	To U.S. persons	Total	To foreign affiliates	To unaffiliated foreigners	Total	To U.S. persons	Total	To foreign affiliates	To unaffiliated foreigners	Total	To U.S. persons	Total	To foreign affiliates	To unaffiliated foreigners
All industries	**533,425**	**516,434**	**16,991**	**3,363**	**13,628**	**546,513**	**529,863**	**16,650**	**3,389**	**13,261**	**552,370**	**533,812**	**18,557**	**4,584**	**13,973**
Petroleum	**38,977**	**37,143**	**1,834**	**688**	**1,146**	**27,409**	**25,838**	**1,571**	**787**	**783**	**23,070**	**21,455**	**1,616**	**945**	**670**
Oil and gas extraction	7,547	6,783	765	49	716	5,773	5,186	588	160	428	5,450	4,961	490	162	327
Crude petroleum extraction (no refining) and natural gas	520	519	1	(*)	(*)	538	538	1	(*)	(*)	430	429	1	0	1
Oil and gas field services	7,027	6,263	764	49	715	5,235	4,648	587	159	428	5,021	4,532	489	162	327
Petroleum and coal products	11,506	10,662	844	604	240	11,996	11,159	837	(D)	(D)	6,608	5,633	975	(D)	(D)
Petroleum wholesale trade	10,248	10,043	205	(D)	(D)	6,667	6,554	113	(D)	(D)	7,911	(D)	(D)	(D)	(D)
Other	9,676	9,655	21	(D)	(D)	2,972	2,940	32	0	32	3,102	(D)	(D)	0	(D)
Manufacturing	**75,306**	**70,962**	**4,344**	**882**	**3,462**	**78,175**	**73,162**	**5,012**	**1,138**	**3,875**	**83,765**	**79,234**	**4,531**	**1,481**	**3,050**
Food and kindred products	5,666	5,441	225	(D)	(D)	4,176	4,016	160	(D)	(D)	4,979	4,797	182	(D)	(D)
Chemicals and allied products	4,439	4,131	307	(D)	(D)	4,129	3,711	417	45	372	4,301	3,879	422	43	379
Primary and fabricated metals	7,279	7,114	164	10	154	7,741	7,308	433	(D)	(D)	9,425	9,000	424	181	293
Machinery, except electrical	12,802	12,166	635	397	238	14,633	13,958	676	332	343	18,084	17,210	874	510	363
Electric and electronic equipment	17,969	16,847	1,122	302	820	18,423	16,854	1,569	309	1,261	17,020	15,910	1,111	479	632
Transportation equipment	15,851	15,070	781	(D)	(D)	16,667	15,743	924	(D)	(D)	17,586	16,228	1,358	(D)	(D)
Other manufacturing	11,301	10,192	1,110	(D)	(D)	12,405	11,572	833	(D)	(D)	12,370	12,210	160	(D)	(D)
Wholesale trade	**1,528**	**1,448**	**80**	**23**	**57**	**2,916**	**2,874**	**42**	**20**	**22**	**3,363**	**3,289**	**74**	**50**	**24**
Finance (except banking), insurance, and real estate	**185,203**	**182,302**	**2,901**	**1,108**	**1,793**	**196,710**	**193,203**	**3,507**	**1,175**	**2,332**	**223,625**	**219,138**	**4,486**	**1,605**	**2,881**
Finance, except banking	(D)	(D)	391	(D)	(D)	18,341	17,284	1,057	(D)	(D)	30,003	28,310	1,694	(D)	(D)
Insurance	169,216	166,707	2,510	(D)	(D)	178,203	175,754	2,450	(D)	(D)	193,420	190,628	2,792	(D)	(D)
Real estate	(D)	(D)	(*)	(*)	0	165	165	(*)	(*)	0	201	201	(*)	(*)	0
Holding companies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Services	**40,227**	**37,966**	**2,261**	**260**	**2,000**	**44,739**	**43,238**	**1,501**	**152**	**1,349**	**50,041**	**48,088**	**1,954**	**330**	**1,624**
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	3,408	(D)	(D)	(D)	(D)	3,806	(D)	8	(D)
Business services	14,246	13,500	745	70	676	15,364	14,781	583	21	561	15,839	15,330	509	27	483
Advertising	(D)	(D)	74	(D)	(D)	3,337	3,223	115	2	113	3,985	3,841	145	3	142
Management, consulting, and public relations services	(D)	(D)	(D)	(D)	24	(D)	1,583	(D)	5	(D)	(D)	1,709	(D)	8	(D)
Equipment rental (ex. automotive and computers)	1,144	991	153	(D)	(D)	1,025	809	216	(*)	215	864	748	116	(*)	116
Computer and data processing services	3,282	3,106	176	(D)	(D)	3,339	3,195	144	11	133	2,524	2,398	126	(D)	(D)
Other	(D)	(D)	(D)	4	(D)	(D)	5,972	(D)	3	(D)	(D)	6,634	(D)	(D)	(D)
Motion pictures, including television tape and film	(D)	(D)	(D)	0	(D)	(D)	2,411	(D)	0	(D)	(D)	3,207	(D)	(D)	492
Engineering, architectural, and surveying services	3,876	2,885	991	114	877	2,506	2,214	293	44	249	2,637	2,284	354	129	225
Health services	7,982	7,850	132	(D)	(D)	10,404	10,241	163	(D)	(D)	11,838	11,669	170	(D)	(D)
Other services	8,611	8,412	199	(D)	(D)	10,372	10,183	189	(D)	(D)	11,990	11,792	198	(D)	(D)
Other industries	**192,185**	**186,614**	**5,571**	**402**	**5,170**	**196,565**	**191,548**	**5,017**	**117**	**4,900**	**168,506**	**162,609**	**5,896**	**174**	**5,723**
Agriculture, forestry, and fishing	(D)	(D)	0	0	0	(D)	(D)	0	0	0	(D)	(D)	0	0	0
Mining	(D)	(D)	(*)	(*)	0	(D)	(D)	1	1	0	(D)	(D)	44	(D)	(D)
Construction	5,468	3,431	2,037	(D)	(D)	5,250	4,850	400	11	389	3,624	3,477	147	16	130
Transportation, communication, and public utilities	174,361	170,845	3,516	(D)	(D)	178,026	173,444	4,582	103	4,479	149,514	143,863	5,651	146	5,506
Retail trade	12,031	12,013	18	2	16	13,035	13,001	34	2	32	14,748	14,694	54	(D)	(D)
Addendum—All industries, except finance, insurance, and real estate	348,222	334,132	14,090	2,255	11,835	349,803	336,660	13,143	2,214	10,929	328,745	314,674	14,071	2,979	11,092

D Suppressed to avoid disclosure of data of individual companies.
* Less than $500,000.

lion, or 9 percent. Three-fourths of the services were sold to unaffiliated persons—that is, to persons other than the U.S. parent or the parent's other foreign affiliates. By destination, MOFA sales of services were largely to foreign persons—$57.9 billion out of $67.3 billion. Over 85 percent of these sales were local (that is, to customers in the affiliate's country of location). Most of the sales of services by MOFA's to U.S. persons were to parents, while most of the sales to foreign persons were to unaffiliated foreigners. Of the sales to U.S. persons, $7.8 billion were to U.S. parents, and $1.6 billion were to unaffiliated U.S. persons. Of the sales to foreign persons, $49.0 billion were to unaffiliated foreign persons, and $9.0 billion were to other foreign affiliates (of the same U.S. parent).

Perhaps because intimate knowledge of local tastes and customs is often more essential to success in selling services than in selling goods, and because a foreign-owned firm may have difficulty in acquiring such knowledge, the share of services in total sales was smaller for MOFA's than for parents. Because both total sales and the share of services in the total were larger for the parents, their sales of services were much larger than those of their MOFA's. For sales of services to foreign persons, however, MOFA's sales were much larger.

1982–84 growth

U.S. parents.—Total sales by parents grew 6 percent in 1984, compared with 1 percent in 1983. In 1984, sales of goods grew 7 percent, and sales of services grew 1 percent. In 1983, in contrast, sales of services grew faster than sales of goods—2 percent compared with 1 percent. The slower growth for services in 1984 reflects a major U.S. telephone company's divestiture, in early 1984, of seven regional operating companies that did not have direct investment abroad (and, thus, were not included in the 1984 data). In the absence of the divestiture, services would have grown faster than goods in both years. The

Table 4.—Sales of Services by Nonbank Majority-Owned Foreign Affiliates, by Industry, 1982–84

[Millions of dollars]

	1982			1983							1984						
					To U.S. persons			To foreign persons				To U.S. persons			To foreign persons		
	Total	To U.S. persons	To foreign persons	Total	Total	To U.S. parents	To unaffiliated U.S. persons	Total	To foreign affiliates	To unaffiliated foreigners	Total	Total	To U.S. parents	To unaffiliated U.S. persons	Total	To foreign affiliates	To unaffiliated foreigners
All industries	**66,317**	**7,449**	**58,868**	**65,781**	**8,164**	**6,698**	**1,466**	**57,617**	**9,134**	**48,483**	**67,293**	**9,373**	**7,823**	**1,550**	**57,920**	**8,960**	**48,960**
Petroleum	**12,353**	**268**	**12,085**	**10,205**	**349**	**101**	**248**	**9,855**	**2,874**	**6,981**	**9,189**	**385**	**107**	**278**	**8,804**	**2,833**	**5,971**
Oil and gas extraction	7,324	45	7,280	6,022	42	6	35	5,980	412	5,568	5,228	(D)	(D)	(D)	(D)	(D)	(D)
Crude petroleum extraction (no refining) and natural gas	48	0	48	71	0	0	0	71	41	29	200	0	0	0	200	52	148
Oil and gas field services	7,277	45	7,232	5,951	42	6	35	5,909	371	5,539	5,028	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	629	(D)	(D)	681	(D)	(D)	(D)	(D)	(D)	(D)	586	84	84	(*)	502	223	279
Petroleum wholesale trade	314	27	286	254	38	28	10	216	32	185	181	30	21	9	151	24	127
Other	4,085	(D)	(D)	3,248	(D)	(D)	(D)	(D)	(D)	(D)	3,194	(D)	(D)	(D)	(D)	(D)	(D)
Manufacturing	**5,170**	**415**	**4,755**	**5,264**	**588**	**584**	**4**	**4,675**	**702**	**3,973**	**5,723**	**658**	**656**	**2**	**5,065**	**655**	**4,409**
Food and kindred products	5	(*)	4	26	1	1	0	25	4	22	34	(*)	0	(*)	34	20	14
Chemicals and allied products	238	(D)	(D)	178	1	1	(*)	177	20	158	209	(*)	(*)	0	209	2	207
Primary and fabricated metals	43	1	42	20	1	(*)	(*)	19	3	17	19	1	(*)	1	18	3	15
Machinery, except electrical	3,974	(D)	(D)	4,306	(D)	(D)	(D)	(D)	(D)	(D)	4,735	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	361	(D)	(D)	193	(D)	(D)	1	(D)	(D)	180	219	(D)	(D)	(*)	(D)	(D)	206
Transportation equipment	94	1	93	80	1	1	(*)	79	55	24	68	1	1	(*)	67	49	18
Other manufacturing	455	(D)	(D)	461	(D)	(D)	(D)	(D)	(D)	(D)	438	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	**3,739**	**129**	**3,610**	**4,741**	**135**	**130**	**5**	**4,606**	**420**	**4,186**	**5,753**	**187**	**104**	**83**	**5,566**	**405**	**5,161**
Finance (except banking), insurance, and real estate	**23,473**	**5,401**	**18,073**	**23,670**	**5,984**	**5,008**	**976**	**17,686**	**2,079**	**15,606**	**25,886**	**6,933**	**5,993**	**940**	**18,952**	**2,153**	**16,799**
Finance, except banking	9,856	3,557	6,299	10,288	4,540	4,341	199	5,748	1,333	4,415	11,981	5,474	5,327	147	6,507	1,446	5,061
Insurance	13,376	1,840	11,536	13,146	1,441	665	776	11,705	686	11,019	13,724	1,457	665	793	12,267	671	11,596
Real estate	200	2	198	222	1	1	(*)	221	57	164	169	1	1	(*)	168	29	139
Holding companies	41	1	40	14	3	1	2	11	3	8	12	1	1	0	11	8	3
Services	**16,591**	**952**	**15,639**	**16,922**	**960**	**804**	**157**	**15,961**	**2,127**	**13,834**	**16,050**	**1,030**	**895**	**135**	**15,020**	**2,031**	**12,989**
Hotels and other lodging places	1,524	(D)	(D)	1,501	(D)	(*)	(D)	(D)	33	(D)	1,527	1	(*)	1	1,526	39	1,487
Business services	7,798	892	6,926	7,924	834	714	121	7,090	1,075	6,015	7,768	915	816	99	6,853	993	5,859
Advertising	(D)	2	(D)	(D)	2	(*)	1	(D)	88	(D)	1,459	2	(*)	1	1,457	84	1,372
Management, consulting, and public relations services	(D)	575	(D)	(D)	585	538	47	(D)	(D)	(D)	1,806	658	628	30	1,148	587	561
Equipment rental (ex. automotive and computers)	(D)	34	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(*)	(D)	(D)	1,293
Computer and data processing services	779	397	40	789	45	32	12	744	117	627	829	42	30	12	787	122	665
Other	(D)	222	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	55	(D)	(D)	(D)
Motion pictures, including television tape and film	1,413	(D)	(D)	1,910	(D)	(D)	(D)	(D)	(D)	(D)	1,944	29	20	9	1,915	492	1,423
Engineering, architectural, and surveying services	3,176	47	3,130	2,680	75	60	15	2,606	211	2,394	2,354	54	40	15	2,299	203	2,097
Health services	898	0	898	1,039	0	0	0	1,039	193	846	766	0	0	0	766	159	607
Other services	1,782	(D)	(D)	1,868	(D)	(D)	(D)	(D)	(D)	(D)	1,692	31	19	12	1,661	145	1,517
Other industries	**4,991**	**284**	**4,707**	**4,980**	**147**	**71**	**76**	**4,834**	**931**	**3,903**	**4,693**	**180**	**67**	**112**	**4,513**	**882**	**3,631**
Agriculture, forestry, and fishing	(D)	(D)	(D)	59	2	2	0	57	(*)	57	72	(*)	(*)	0	72	(*)	72
Mining	109	0	109	130	0	0	0	130	51	79	142	0	0	0	142	53	89
Construction	533	5	529	330	(*)	(*)	(*)	330	46	284	187	(*)	(*)	(*)	187	58	129
Transportation, communication, and public utilities	4,227	273	3,955	4,394	144	69	76	4,250	833	3,417	4,213	179	67	112	4,033	768	3,265
Retail trade	(D)	(D)	(D)	67	(*)	(*)	(*)	67	2	65	79	(*)	(*)	(*)	79	3	76
Addendum—All industries, except finance, insurance, and real estate	42,844	2,048	40,795	42,111	2,180	1,690	490	39,931	7,055	32,877	41,407	2,440	1,830	610	38,968	6,807	32,161

D Suppressed to avoid disclosure of data of individual companies.
* Less than $500,000.

share of services in total sales was 23 percent in 1982 and 1983, and 22 percent in 1984.

Growth in sales of services by U.S. parents during 1982–84 was more than accounted for by parents in finance (except banking), insurance, and real estate (table 3). Sales of services by parents in all other industries combined declined 6 percent over the period. Increases in "services" (particularly health and "other services"), manufacturing, and wholesale trade were more than offset by declines in "other industries" (due to the divestiture) and in petroleum (due to weakening petroleum markets and the accompanying reduction in activity in almost all sectors of the industry).

By destination, the increase in sales of services by U.S. parents during 1982–84 was largely accounted for by sales to U.S. persons, although sales to foreign persons—both affiliated and unaffiliated—increased as well. Nearly all of the decline in sales by parents in industries other than finance, insurance, and real estate was in sales to U.S. persons.

MOFA's.—Sales by MOFA's rose 2 percent in 1984, following a decline of 3 percent in 1983. In 1984, sales of both goods and services increased, by 1 percent and 2 percent, respectively. In 1983, they both declined, by 4 percent and 1 percent, respectively. The share of services in total sales remained at about 9 percent throughout the period.

Sales of services by MOFA's were almost flat during 1982–84, growing only 1 percent over the entire period. This growth was more than accounted for by affiliates in finance (except banking), insurance, and real estate, for which sales of services (including investment income) rose 10 percent, largely due to growth in finance (except banking) (table 4). Sales of services by affiliates in all other industries combined declined 10 percent, as an increase in sales to U.S. persons was more than offset by a decline in sales to foreign persons. The decline in sales of services by MOFA's in nonfinancial industries was more than accounted for by declines in petroleum and in engineering, architectural, and surveying services. The decline in petroleum was spread among several subindustries and reflected the same global market conditions that affected sales by U.S. petroleum parents.

By destination, sales of services by MOFA's to U.S. persons rose 26 percent, largely due to an increase in 1984 in interest received by Netherlands Antilles finance affiliates from their U.S. parents. Most of the interest was on loans made to the parents out of the proceeds of the affiliates' foreign borrowing. Sales of services by MOFA's to foreign persons declined 2 percent.

Composition of Sales of Services in 1984

Sales to all persons

Sales by U.S. parents.—Of the $552.4 billion of sales of services by U.S. parents in 1984, 40 percent, or $223.6 billion, were in finance (except banking), insurance, and real estate; most of this amount was in insurance. Sales by U.S. parents in all other industries combined were $328.7 billion.

Over one-fourth of the sales of services by parents were in transportation, communication, and public utilities. Parents in manufacturing accounted for 15 percent. Sales of services by these parents were spread among several manufacturing industries; they were largest in nonelectrical machinery, electric and electronic equipment, and transportation equipment. Parents in "services" and in petroleum had shares of 9 percent and 4 percent, respectively.

Sales by MOFA's.—Of the $67.3 billion of sales of services by MOFA's in 1984, nearly 40 percent, or $25.9 billion, were by affiliates in finance (except banking), insurance, and real estate. In all other industries combined, they were $41.4 billion.

Affiliates in "services," particularly business services and engineering, architectural, and surveying services, accounted for almost one-fourth of total MOFA sales of services. Petroleum affiliates accounted for 14 percent, and affiliates in wholesale trade and in manufacturing each accounted for 9 percent.

By country, sales of services by MOFA's in developed countries were substantially larger than those by MOFA's in developing countries—$42.2 billion compared with $19.5 billion (table 5). Sales by MOFA's in "international" were $5.6 billion; these sales were accounted for by affiliates engaged in providing petroleum services or water transportation.[10]

Among developed countries, sales of services by MOFA's in Canada and in the United Kingdom, at $11.3 billion and $10.2 billion, respectively, were much larger than those by affiliates in any other individual country. In both countries, the sales were spread among several industries. Sales by MOFA's in Germany, France, the Netherlands, Japan, and Australia ranged between $2.5 billion and $3.4 billion each.

Among developing countries, MOFA sales were largest, at $5.6 billion and $4.0 billion, respectively, in the offshore financial centers of the Netherlands Antilles and Bermuda. The sales by Netherlands Antilles affiliates, mainly interest received on loans to their U.S. parents, accounted for over one-half of total MOFA sales to U.S. persons. Sales by MOFA's in Saudi Arabia and in Hong Kong were also large. A large share of the sales in Saudi Arabia was accounted for by petroleum services and by health services, including the management of health care facilities.

Sales to foreign persons

Tables 6 and 7 show sales of services to foreign persons by U.S. parents and by MOFA's, for 1983 and 1984. Sales by U.S. MNC's worldwide, the sum of parent and MOFA sales, are also shown.[11] The figures are shown on an aggregated basis, including both sales within the MNC and sales by the MNC to unaffiliated foreign customers.[12] To compare the sales of U.S. parents with those of their own

10. The "international" designation is used for affiliates that have operations spanning more than one country and that are engaged in petroleum shipping, other water transportation, or oil and gas drilling.

11. Conceptually, the MNC would include minority-owned affiliates as well, and, in fact, sales *to* such affiliates are included in MNC sales to affiliated foreign persons. However, because the necessary data are not available, the figures on sales by MNC's worldwide do not include sales *by* such affiliates.

12. On a fully consolidated, rather than an aggregated, basis, sales of services to foreigners would exclude sales within the MNC. They would include only sales to unaffiliated foreigners, which were $62.9 billion in 1984, as shown in column 3 of table 7. These sales accounted for over 80 percent of aggregated sales to foreign persons, and most statements in the text about aggregated sales would also apply to consolidated sales.

Table 5.—Sales of Services by Nonbank Majority-Owned Foreign Affiliates, by Country, 1982–84

[Millions of dollars]

	1982			1983							1984						
					To U.S. persons			To foreign persons				To U.S. persons			To foreign persons		
	Total	To U.S. persons	To foreign persons	Total	Total	To U.S. parents	To unaffiliated U.S. persons	Total	To foreign affiliates	To unaffiliated foreigners	Total	Total	To U.S. parents	To unaffiliated U.S. persons	Total	To foreign affiliates	To unaffiliated foreigners
All countries	**66,317**	**7,449**	**58,868**	**65,781**	**8,164**	**6,698**	**1,466**	**57,617**	**9,134**	**48,483**	**67,293**	**9,373**	**7,823**	**1,550**	**57,920**	**8,960**	**48,960**
Developed countries	**39,612**	**2,419**	**37,193**	**40,598**	**2,428**	**1,822**	**606**	**38,170**	**3,936**	**34,234**	**42,175**	**2,650**	**1,994**	**657**	**39,525**	**3,911**	**35,614**
Canada	11,114	352	10,762	11,245	333	157	175	10,912	304	10,609	11,290	333	140	193	10,957	258	10,699
Europe	23,923	1,979	21,944	24,271	1,860	1,458	402	22,411	3,472	18,939	25,385	1,975	1,548	427	23,409	3,505	19,905
European Communities (10)	21,058	1,686	19,371	21,456	1,549	1,209	340	19,907	3,140	16,767	22,473	1,763	1,365	398	20,710	3,092	17,617
Belgium	1,014	182	832	920	107	95	12	813	153	660	1,008	154	137	16	855	156	699
Denmark	196	(D)	(D)	263	1	1	(*)	262	68	194	306	1	1	(*)	305	77	228
France	3,179	350	2,829	3,255	354	328	27	2,900	483	2,418	3,299	379	354	25	2,920	436	2,484
Germany	3,141	229	2,911	3,415	284	251	33	3,130	307	2,823	3,388	242	201	41	3,146	253	2,893
Greece	72	(D)	(D)	54	8	1	7	46	2	44	53	8	1	7	45	4	41
Ireland	84	1	83	99	6	6	(*)	93	26	68	93	3	3	(*)	90	11	79
Italy	1,139	44	1,095	1,317	35	35	(*)	1,283	85	1,198	1,376	31	30	1	1,345	95	1,249
Luxembourg	11	0	11	9	0	0	0	9	3	6	12	0	0	0	12	5	7
Netherlands	2,344	197	2,147	2,675	164	148	16	2,510	676	1,834	2,692	125	111	14	2,567	728	1,839
United Kingdom	9,878	660	9,218	9,449	589	344	245	8,860	1,338	7,522	10,246	820	526	294	9,427	1,328	8,098
Other Europe	2,865	293	2,573	2,815	312	249	62	2,504	332	2,172	2,912	212	183	29	2,700	412	2,287
Austria	273	(D)	(D)	271	(D)	(D)	(D)	(D)	(D)	(D)	267	(*)	(*)	(*)	266	25	242
Finland	99	(*)	99	104	(*)	(*)	0	104	7	97	109	0	0	0	109	3	106
Norway	262	0	262	226	(*)	(*)	(*)	226	12	214	237	(*)	(*)	(*)	237	13	224
Portugal	69	0	69	66	0	0	0	66	3	63	76	0	0	0	76	6	70
Spain	524	17	508	473	2	2	0	471	34	437	546	3	3	(*)	543	39	504
Sweden	512	(D)	(D)	413	5	5	(*)	408	49	359	389	3	3	(*)	386	52	334
Switzerland	1,062	220	842	1,198	271	225	46	927	194	733	1,213	(D)	(D)	(D)	(D)	(D)	(D)
Turkey	26	0	26	27	0	0	0	27	3	24	30	0	0	0	30	3	27
Other	38	(D)	(D)	38	(D)	(D)	(D)	(D)	(D)	(D)	45	(D)	(D)	(D)	(D)	(D)	(D)
Japan	1,516	62	1,453	2,132	212	195	17	1,921	44	1,877	2,564	314	292	22	2,249	27	2,223
Australia, New Zealand, and South Africa	3,059	26	3,034	2,950	23	11	12	2,926	116	2,810	2,936	27	13	14	2,909	121	2,788
Australia	2,658	(D)	(D)	2,497	(D)	10	(D)	(D)	94	(D)	2,476	21	10	11	2,455	101	2,354
New Zealand	122	(D)	(D)	122	(D)	(*)	(D)	(D)	23	(D)	140	2	(*)	2	137	20	117
South Africa	280	1	278	331	2	1	1	328	(*)	328	321	5	4	1	317	1	316
Developing countries	**18,597**	**5,030**	**13,567**	**18,765**	**5,736**	**4,876**	**860**	**13,029**	**2,142**	**10,886**	**19,472**	**6,723**	**5,829**	**893**	**12,749**	**2,086**	**10,663**
Latin America	12,861	4,882	7,979	12,597	5,571	4,736	835	7,026	1,775	5,250	13,593	6,548	5,668	880	7,045	1,756	5,289
South America	2,892	24	2,868	2,297	8	7	(*)	2,289	156	2,133	2,139	6	6	1	2,132	120	2,012
Argentina	483	3	480	380	2	2	(*)	379	51	327	397	2	2	(*)	395	8	387
Brazil	1,025	3	1,022	878	2	2	(*)	876	11	864	834	3	3	(*)	831	9	822
Chile	57	0	57	48	0	0	0	48	4	44	67	0	0	0	67	4	63
Colombia	264	4	260	224	2	2	(*)	222	25	197	220	(*)	(*)	(*)	220	28	192
Ecuador	59	0	59	63	0	0	0	63	26	36	71	0	0	0	71	28	43
Peru	93	0	93	76	0	0	0	76	4	71	49	0	0	0	49	4	44
Venezuela	838	14	824	558	2	2	(*)	556	28	528	420	1	1	(*)	418	33	385
Other	74	0	74	70	0	0	0	70	5	65	80	0	0	0	80	5	75
Central America	792	122	670	765	253	28	225	512	38	474	842	273	19	254	568	47	521
Mexico	532	40	492	388	(D)	(D)	22	(D)	(D)	348	418	(D)	(D)	(D)	(D)	(D)	(D)
Panama	179	(D)	(D)	303	(D)	(D)	202	(D)	(D)	67	342	(D)	(D)	(D)	(D)	(D)	(D)
Other	81	(D)	(D)	74	(*)	(*)	(*)	74	15	59	82	(*)	(*)	(*)	82	15	66
Other Western Hemisphere	9,177	4,736	4,441	9,535	5,311	4,700	610	4,225	1,581	2,644	10,613	6,268	5,643	625	4,344	1,589	2,756
Bahamas	308	29	279	327	19	(D)	(D)	308	(D)	(D)	396	14	6	8	382	100	282
Bermuda	4,513	1,575	2,938	3,836	1,162	692	469	2,674	1,107	1,568	4,011	1,286	778	508	2,724	1,090	1,634
Jamaica	36	0	36	37	0	0	0	37	10	27	38	0	0	0	38	10	28
Netherlands Antilles	(D)	(D)	(D)	(D)	3,965	3,873	93	(D)	(D)	359	5,642	4,867	4,778	89	775	327	448
Trinidad-Tobago	63	0	63	65	0	0	0	65	1	64	66	0	0	0	66	1	66
United Kingdom Islands, Caribbean	466	(D)	(D)	411	(D)	(D)	(D)	(D)	(D)	(D)	279	(D)	(D)	9	(D)	(D)	162
Other	(D)	5	(D)	(D)	(D)	(D)	0	(D)	(D)	192	180	(D)	(D)	11	(D)	(D)	136
Other Africa	895	36	859	868	19	12	8	848	27	821	809	(D)	(D)	(D)	(D)	(D)	(D)
Saharan	435	(*)	435	450	(*)	(*)	(*)	450	12	438	434	(*)	(*)	0	434	10	424
Egypt	247	(*)	247	246	(*)	(*)	(*)	246	1	245	225	0	0	0	225	1	224
Libya	121	0	121	151	0	0	0	151	10	141	160	0	0	0	160	9	151
Other	67	0	67	53	0	0	0	53	1	52	50	(*)	(*)	0	50	1	49
Sub-Saharan	460	36	424	418	19	12	8	399	15	383	375	(D)	(D)	(D)	(D)	(D)	(D)
Liberia	69	(D)	(D)	59	(D)	(D)	(D)	(D)	(D)	(D)	69	(D)	(D)	(D)	(D)	(D)	(D)
Nigeria	156	(D)	(D)	152	(D)	(D)	(D)	(D)	(D)	(D)	120	0	0	0	120	2	118
Other	235	0	235	207	0	0	0	207	7	201	186	1	1	0	185	4	181
Middle East	2,430	10	2,420	2,711	10	6	5	2,701	260	2,441	2,473	12	7	5	2,461	255	2,207
Israel	165	3	162	161	3	(D)	(D)	157	(D)	(D)	159	(D)	5	(D)	(D)	4	(D)
Saudi Arabia	1,658	(D)	(D)	2,092	5	5	(*)	2,087	233	1,854	1,769	2	2	(*)	1,766	243	1,524
United Arab Emirates	357	3	354	302	(*)	0	(*)	302	1	301	294	(*)	(*)	(*)	294	1	293
Other	250	(D)	(D)	156	2	(D)	(D)	154	(D)	(D)	252	(D)	(*)	(D)	(D)	7	(D)
Other Asia and Pacific	2,411	102	2,310	2,589	135	123	12	2,454	80	2,374	2,596	(D)	(D)	(D)	(D)	(D)	(D)
Hong Kong	1,067	39	1,028	1,126	51	(D)	(D)	1,075	(D)	(D)	1,210	48	46	2	1,162	16	1,146
India	27	0	27	35	0	0	0	35	(*)	34	39	0	0	0	39	(*)	39
Indonesia	202	2	200	265	(*)	(*)	(*)	265	1	264	220	0	0	0	220	1	219
Malaysia	78	(D)	(D)	103	(*)	(*)	(*)	102	3	99	86	(*)	(*)	(*)	86	3	83
Philippines	295	(D)	(D)	268	0	0	0	268	2	266	252	5	5	0	248	2	245
Singapore	410	47	363	448	55	49	7	392	49	343	427	(D)	(D)	(D)	(D)	(D)	(D)
South Korea	82	0	82	93	(D)	(D)	0	(D)	(D)	74	85	(D)	(D)	0	(D)	(D)	64
Taiwan	53	2	52	75	(D)	(D)	(D)	(D)	(D)	(D)	92	(D)	(D)	(D)	(D)	(D)	(D)
Thailand	67	0	67	70	0	0	0	70	1	69	82	1	1	0	81	2	79
Other	131	0	131	107	0	0	0	107	4	103	102	0	0	0	102	3	99
International	8,108	0	8,108	6,418	0	0	0	6,418	3,056	3,362	5,646	0	0	0	5,646	2,963	2,683
Addendum—OPEC	3,501	29	3,472	3,657	14	7	7	3,643	305	3,338	3,206	4	3	1	3,202	317	2,885

(D) Suppressed to avoid disclosure of data of individual companies.
(*) Less than $500,000.

affiliates, a single basis—the industry of the parent—is used for classifying the data of parents, MOFA's, and the MNC as a whole. Although the discussion that follows generally focuses on total sales of services to foreigners, the tables also show sales to affiliated and unaffiliated foreigners separately. For both parents and MOFA's, the major portion of sales to foreigners is to unaffiliated persons, and most statements about total sales also apply to sales to those persons. Sales by MNC's worldwide, by U.S. parents, and by MOFA's are discussed separately.

Sales by U.S. MNC's worldwide.—For U.S. MNC's worldwide, sales of services to foreigners in 1984 were $76.5 billion. (The total for industries other than finance, insurance, and real estate was $57.0 billion.) Of the $76.5 billion, $18.6 or 24 percent—were by U.S. parents and $57.9 billion— billion—or 76 percent—were by MOFA's (chart 5). Sales to unaffiliated foreign customers accounted for 82 percent of the worldwide MNC total; sales to affiliated foreign customers—that is, to foreign affiliates—accounted for the remaining 18 percent. (To the extent that a formal charge or allocation is not always made for services performed within the MNC, the latter figure may understate the importance of services performed for affiliated customers.)

The largest portion—about one-third—of sales of services to foreigners was by MNC's in manufacturing. Within manufacturing, sales were largest in nonelectrical machinery, where computer manufacturers accounted for a large share. MNC's in finance (except banking), insurance, and real estate accounted for one-fourth of sales of services to foreign persons; most of these sales were by MNC's in insurance. MNC's in petroleum accounted for 16 percent of sales of services to foreigners, and MNC's in "services" accounted for 9 percent. The sales in "other industries" were primarily by MNC's in transportation, communication, and public utilities.

In most major industries, MOFA's accounted for a large share of total MNC sales of services to foreign persons—86 percent in petroleum; 82 percent in manufacturing; 96 percent in wholesale trade; 77 percent in finance (except banking), insurance, and real estate; and 72 percent in "services." Within manufacturing, the shares of MOFA's were highest in "other manufacturing" (95 percent) and nonelectrical machinery (92 percent).

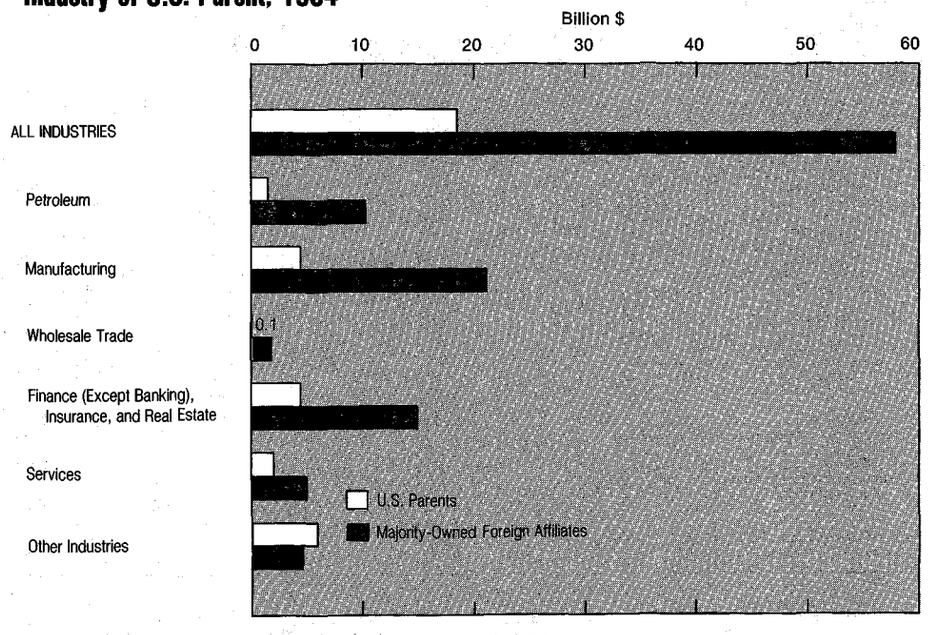
The MOFA share in "other industries" was distinctly lower, at 44 percent, than in any other major industry. This low share reflected low shares in mining and in transportation, communication, and public utilities. Because total MNC sales were much larger in the latter industry group, the low MOFA share in that group was the major determinant of the low MOFA share in "other industries" as a whole.

Variations in the MOFA share of total MNC sales to foreign persons can often be understood by comparing the nature of operations in different industries and the position of U.S. firms in the industries worldwide. For example, services provided by computer manufacturers, which are included in an industry (nonelectrical machinery) in which MOFA's accounted for a very large share (92 percent) of the MNC total, can be compared with basic telecommunications services, which are included in an industry (transportation, communication, and public utilities) in which MOFA's accounted for a very small share (29 percent). In the computer industry, U.S. firms are leaders in world markets and have a widespread network of affiliates to manufacture, distribute, and service their products. Computer services, such as maintenance, repair, and development of specialized applications programs, can best be provided by entities having a physical presence near their customers. Thus, the services are sold primarily through affiliates, because of both the nature of the services and the existence of affiliates established to manufacture related goods.

Basic telecommunications services, in contrast, ordinarily are provided within a country only by a domestic company, usually one that is either under government ownership or has been granted monopoly status by the government.[13] Thus, the transmission of a message from a foreign country to the United States must involve both a foreign telecommunications company and a U.S. telecommunications company: The foreign company

CHART 5

Sales of Services to Foreign Persons, by Industry of U.S. Parent, 1984



Note.—Data are for nonbank U.S. parents and their nonbank majority-owned foreign affiliates.

U.S. Department of Commerce, Bureau of Economic Analysis 87-1-5

13. These services consist primarily of the transmission of messages by telephone. Other types of telecommunications services, such as those that add value or function to the basic services provided by common carriers, may be provided more easily by foreign affiliates.

transmits the message from within the foreign country to the U.S. company, which completes the transmission to the U.S. destination. In this situation, the only sale to foreigners possible for a U.S. MNC would be for completing the transmission of the message to the United States; this would be an activity of the U.S. parent company, rather than of a foreign affiliate.[14] Indeed, sales of services to foreigners by MNC's in this industry consist almost entirely of the U.S. parents' share of the revenues collected by the foreign carriers for such jointly provided services.

Sales by U.S. parents.—Of total sales of services by U.S. parents to foreign persons of $18.6 billion ($14.1 billion excluding finance, insurance, and real estate), 80 percent were accounted for by three major industries—"other industries" (31 percent), manufacturing (24 percent) and, finance (except banking), insurance, and real estate (24 percent). Within "other industries," a very high share of the sales was by parents in transportation, communication, and public utilities, primarily telecommunications and air transportation. Within manufacturing, sales by parents were largest in transportation equipment and in electrical machinery. Within finance (except banking), insurance, and real estate, they were largest in finance (except banking) and insurance.

U.S. parents in "services" accounted for only 11 percent of total parent sales of services to foreign persons. A large share of these sales was by parents in three industries—hotels and other lodging places; motion pictures, including television tape and film; and engineering, architectural, and surveying services. In the first two industries, a large share of the revenues was probably in the form of fees—franchise fees in the case of hotels and other lodging places and film rentals in the case of motion pictures, including television tape and film. (These fees, which firms in other industries might have included in "other income," were included in sales by the parents in question because they represented revenues related to their primary activity.)

Sales by MOFA's.—The industry distribution of MOFA sales of services to foreign persons depends on the basis used in classifying MOFA's by industry. When classified in their own industries (as in tables 4 and 14), rather than in their U.S. parents' industries (as in table 7), sales were more concentrated in wholesale trade; finance (except banking), insurance, and real estate; and "services." They were less concentrated in manufacturing and petroleum (table 8). In manufacturing and "services," the differences in shares between the two bases of classification were large: MOFA's of manufacturing parents accounted for 37 percent of total sales of services to foreigners, but MOFA's that were themselves classified in manufacturing accounted for only 9 percent; similarly, MOFA's of parents classified in "services" had only a 9-percent share, but MOFA's that were themselves classified in "services" had a 26-percent share.

14. In this industry, "sales" to foreigners have a different meaning than in most other industries. From the standpoint of the U.S. telecommunications company, the "sale" is not to the foreign telecommunications company from which it receives the revenues. Rather, the transaction is one in which the U.S. company receives a share of revenues collected from foreign customers for a service jointly provided by both companies. Thus, the revenues are not received directly from the foreign parties to whom the services are provided.

Table 6.—Sales of Services to Foreign Persons by Nonbank U.S. Parents and Their Nonbank Majority-Owned Foreign Affiliates, by Industry of U.S. Parent, 1983

[Millions of dollars]

	By U.S. parents and MOFA's			By U.S. parents			By MOFA's		
	Total	To foreign affiliates	To unaffiliated foreigners	Total	To foreign affiliates	To unaffiliated foreigners	Total	To foreign affiliates	To unaffiliated foreigners
All industries	**74,268**	**12,523**	**61,744**	**16,650**	**3,389**	**13,261**	**57,617**	**9,134**	**48,483**
Petroleum	**13,112**	**4,737**	**8,375**	**1,571**	**787**	**783**	**11,541**	**3,950**	**7,592**
Oil and gas extraction	3,973	405	3,568	588	160	428	3,385	245	3,140
Crude petroleum extraction (no refining) and natural gas	108	13	94	1	(*)	(*)	107	13	94
Oil and gas field services	3,865	391	3,474	587	159	428	3,278	232	3,046
Petroleum and coal products	7,703	4,160	3,544	837	(D)	(D)	6,866	(D)	(D)
Petroleum wholesale trade	(D)	(D)	(D)	113	(D)	(D)	(D)	(D)	(D)
Other	(D)	(D)	(D)	32	0	32	(D)	(D)	(D)
Manufacturing	**25,604**	**4,464**	**21,140**	**5,012**	**1,138**	**3,875**	**20,592**	**3,326**	**17,265**
Food and kindred products	1,175	143	1,032	160	(D)	(D)	1,014	(D)	(D)
Chemicals and allied products	1,577	466	1,111	417	45	372	1,160	421	739
Primary and fabricated metals	2,234	810	1,424	433	(D)	(D)	1,801	(D)	(D)
Machinery, except electrical	9,355	1,515	7,841	676	332	343	8,680	1,182	7,497
Electric and electronic equipment	3,263	444	2,819	1,569	309	1,261	1,694	136	1,559
Transportation equipment	3,749	618	3,132	924	(D)	(D)	2,825	(D)	(D)
Other manufacturing	4,250	468	3,782	833	(D)	(D)	3,417	(D)	(D)
Wholesale trade	**1,637**	**469**	**1,168**	**42**	**20**	**22**	**1,594**	**449**	**1,146**
Finance (except banking), insurance, and real estate	**17,181**	**1,792**	**15,389**	**3,507**	**1,175**	**2,332**	**13,674**	**617**	**13,056**
Finance, except banking	2,808	248	2,560	1,057	(D)	(D)	1,750	(D)	(D)
Insurance	13,844	1,486	12,358	2,450	(D)	(D)	11,394	(D)	(D)
Real estate	(D)	(D)	(D)	(*)	(*)	0	(D)	(D)	(D)
Holding companies	(D)	(D)	(D)	0	0	0	(D)	(D)	(D)
Nonbusiness entities, except government [1]	411	32	379	0	0	0	411	32	379
Services	**6,722**	**584**	**6,137**	**1,501**	**152**	**1,349**	**5,221**	**433**	**4,788**
Hotels and other lodging places	423	18	405	(D)	(D)	(D)	(D)	(D)	(D)
Business services	3,188	247	2,941	583	21	561	2,605	226	2,380
Advertising	1,123	89	1,034	115	2	113	1,008	87	921
Management, consulting, and public relations services	273	34	240	(D)	5	(D)	(D)	29	(D)
Equipment rental (ex. automotive and computers)	245	1	245	216	(*)	215	30	1	29
Computer and data processing services	392	60	333	144	11	133	248	49	200
Other	1,154	64	1,091	(D)	3	(D)	(D)	60	(D)
Motion pictures, including television tape and film	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)
Engineering, architectural, and surveying services	(D)	(D)	(D)	293	44	249	(D)	(D)	(D)
Health services	520	31	489	163	(D)	(D)	357	(D)	(D)
Other services	(D)	(D)	(D)	189	(D)	(D)	(D)	(D)	(D)
Other industries	**10,012**	**477**	**9,535**	**5,017**	**117**	**4,900**	**4,995**	**360**	**4,635**
Agriculture, forestry, and fishing	(D)	(D)	(D)	0	0	0	(D)	(D)	(D)
Mining	4	1	3	1	1	0	3	(*)	3
Construction	1,814	116	1,698	400	11	389	1,413	105	1,309
Transportation, communication, and public utilities	6,818	181	6,637	4,582	103	4,479	2,236	78	2,158
Retail trade	(D)	(D)	(D)	34	2	32	(D)	(D)	(D)
Addendum—All industries, except finance, insurance, and real estate	57,087	10,731	46,355	13,143	2,214	10,929	43,943	8,517	35,427

D Suppressed to avoid disclosure of data of individual companies.
* Less than $500,000.
1. Consists of U.S. parents that are nonbusiness entities, such as individuals, estates, and trusts. Data for such U.S. parents appear as zeros because these parents were not required to report financial and operating data. Foreign affiliates were not classified in this category; however, when data for affiliates are classified by industry of U.S. parent, the data for the affiliates of such parents are shown against this category.

The differences in distribution may be due to several factors. In some cases, an MNC may conduct manufacturing operations only in the United States and establish foreign affiliates only to service its products abroad. The parent would then be in manufacturing, and the affiliates would be in services. In other cases, an MNC may conduct both types of activity in the United States and abroad, but, because of the consolidation practices used in BEA surveys, the foreign activities are more likely to be conducted by an enterprise classified in services. Assuming that the MNC was primarily a goods producer, all of the U.S. operations—which are reported on a fully consolidated basis—would be classified in manufacturing. The same would be true of affiliate operations when classified by industry of parent. The foreign operations, in contrast, might be spread among a number of specialized affiliates, with manufacturing affiliates to produce the goods and services affiliates to provide the services. Because affiliates may be consolidated for reporting purposes only if they are in the same country and either are in the same industry or are integral parts of the same business operation, services operations classified in manufacturing on the basis of the parent's industry would be classified in services on the basis of the industry of the MOFA that conducted them. In the remainder of this section, data classified by industry of MOFA are discussed.

By area, 68 percent of MOFA sales of services to foreign persons in 1984 were by affiliates in developed countries, 22 percent were by affiliates in developing countries, and 10 percent were by affiliates in "international."

Almost 60 percent of the sales to foreign persons by MOFA's in developed countries were by affiliates in Europe. Among individual developed countries, sales by affiliates in Canada and the United Kingdom were largest, at $11.0 billion and $9.4 billion, respectively (table 5, column 15). In these countries, the sales were spread among several industries. MOFA's in Germany, France, the Netherlands, and Australia each had sales of services to foreign persons ranging from $2.5 billion to $3.1 billion.

Over one-half of the sales to foreign persons by MOFA's in developing countries were by affiliates in Latin America. Among individual developing countries, sales by MOFA's in Bermuda (at $2.7 billion), Saudi Arabia ($1.8 billion), and Hong Kong ($1.2 billion) were largest. In Bermuda, the sales were concentrated in finance (except banking) and insurance; in Saudi Arabia, in petroleum and health services; and in Hong Kong, in public utilities.

By industry of affiliate, MOFA's in finance (except banking), insurance, and real estate and in "services" together accounted for almost 60 percent of total MOFA sales of services

Table 7.—Sales of Services to Foreign Persons by Nonbank U.S. Parents and Their Nonbank Majority-Owned Foreign Affiliates, by Industry of U.S. Parent, 1984

[Millions of dollars]

	By U.S. parents and MOFA's			By U.S. parents			By MOFA's		
	Total	To foreign affiliates	To unaffiliated foreigners	Total	To foreign affiliates	To unaffiliated foreigners	Total	To foreign affiliates	To unaffiliated foreigners
All industries	**76,477**	**13,544**	**62,933**	**18,557**	**4,584**	**13,973**	**57,920**	**8,960**	**48,960**
Petroleum	**11,916**	**4,739**	**7,177**	**1,616**	**945**	**670**	**10,300**	**3,794**	**6,506**
Oil and gas extraction	2,781	294	2,487	490	162	327	2,291	131	2,160
Crude petroleum extraction (no refining) and natural gas	267	11	257	1	0	1	267	11	256
Oil and gas field services	2,514	283	2,230	489	162	327	2,025	121	1,904
Petroleum and coal products	7,748	4,234	3,514	975	(D)	(D)	6,773	(D)	(D)
Petroleum wholesale trade	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)
Manufacturing	**25,735**	**4,784**	**20,950**	**4,531**	**1,481**	**3,050**	**21,204**	**3,304**	**17,900**
Food and kindred products	1,175	170	1,005	182	(D)	(D)	993	(D)	(D)
Chemicals and allied products	1,634	507	1,127	422	43	379	1,212	465	748
Primary and fabricated metals	2,260	750	1,510	424	131	293	1,836	620	1,216
Machinery, except electrical	10,399	1,728	8,671	874	510	363	9,525	1,217	8,307
Electric and electronic equipment	3,137	637	2,500	1,111	479	632	2,027	159	1,868
Transportation equipment	3,779	631	3,148	1,358	(D)	(D)	2,421	(D)	(D)
Other manufacturing	3,351	360	2,991	160	(D)	(D)	3,191	(D)	(D)
Wholesale trade	**1,881**	**316**	**1,565**	**74**	**50**	**24**	**1,807**	**266**	**1,541**
Finance (except banking), insurance, and real estate	**19,464**	**2,316**	**17,148**	**4,486**	**1,605**	**2,881**	**14,978**	**711**	**14,267**
Finance, except banking	4,496	823	3,672	1,694	(D)	(D)	2,802	(D)	(D)
Insurance	14,524	1,465	13,059	2,792	(D)	(D)	11,732	(D)	(D)
Real estate	(D)	(*)	(D)	(*)	(*)	0	(D)	(*)	(D)
Holding companies	(D)	4	(D)	0	0	0	(D)	4	(D)
Nonbusiness entities, except government [1]	357	23	334	0	0	0	357	23	334
Services	**6,987**	**769**	**6,218**	**1,954**	**330**	**1,624**	**5,033**	**439**	**4,594**
Hotels and other lodging places	483	23	460	(D)	8	(D)	(D)	15	(D)
Business services	3,051	224	2,827	509	27	483	2,542	197	2,344
Advertising	1,143	86	1,057	145	3	142	998	83	915
Management, consulting, and public relations services	284	37	248	(D)	8	(D)	(D)	29	(D)
Equipment rental (ex. automotive and computers)	132	(*)	132	116	(*)	116	16	(*)	16
Computer and data processing services	338	43	295	126	(D)	(D)	212	(D)	(D)
Other	1,154	58	1,095	(D)	(D)	(D)	(D)	(D)	(D)
Motion pictures, including television tape and film	1,109	160	949	(D)	(D)	492	(D)	(D)	458
Engineering, architectural, and surveying services	(D)	(D)	(D)	354	129	225	(D)	(D)	(D)
Health services	473	45	428	170	(D)	(D)	303	(D)	(D)
Other services	(D)	(D)	(D)	198	(D)	(D)	(D)	(D)	(D)
Other industries	**10,495**	**621**	**9,875**	**5,896**	**174**	**5,723**	**4,599**	**447**	**4,152**
Agriculture, forestry, and fishing	(D)	(D)	(D)	0	0	0	(D)	(D)	(D)
Mining	(D)	(D)	(D)	44	(D)	(D)	(D)	(D)	(D)
Construction	1,043	115	928	147	16	130	896	98	798
Transportation, communication, and public utilities	8,006	353	7,653	5,651	146	5,506	2,355	208	2,147
Retail trade	(D)	(D)	(D)	54	(D)	(D)	(D)	(D)	(D)
Addendum—All industries, except finance, insurance, and real estate	57,013	11,228	45,785	14,071	2,979	11,092	42,942	8,249	34,693

D Suppressed to avoid disclosure of data of individual companies.
* Less than $500,000.
1. Consists of U.S. parents that are nonbusiness entities, such as individuals, estates, and trusts. Data for such U.S. parents appear as zeros because these parents were not required to report financial and operating data. Foreign affiliates were not classified in this category; however, when data for affiliates are classified by industry of U.S. parent, the data for the affiliates of such parents are shown against this category.

Table 8.—Distribution of Sales of Services to Foreign Persons by Nonbank Majority-Owned Foreign Affiliates, by Industry of U.S. Parent and by Industry of Affiliate, 1984

[Percent]

	By industry of parent	By industry of affiliate
All industries	100.0	100.0
Petroleum	17.8	15.2
Manufacturing	36.6	8.7
Wholesale trade	3.1	9.6
Finance (except banking), insurance, and real estate	25.9	32.7
Services	8.7	25.9
Other industries	7.9	7.8

to foreign persons. The former accounted for one-third of the total; the latter, for a little over one-fourth. Petroleum accounted for 15 percent, and other major industry groups accounted for less than 10 percent each.

Within finance (except banking), insurance, and real estate, sales by MOFA's in insurance were largest, followed by those in finance (except banking). In both industries, a majority of sales were accounted for by MOFA's in developed countries, primarily in Canada and Europe. In developing countries, sales were primarily by MOFA's in Latin America.

Within "services," 46 percent of the sales were by MOFA's in "business services." These sales were spread among several subindustries, including advertising; management, consulting, and public relations; equipment rental (except automotive and computers); and computer and data processing. Outside business services, sales were largest in engineering, architectural, and surveying services and in motion pictures, including television tape and film.

Four-fifths of the sales in "services" were by MOFA's in developed countries. In most industries within "services," the developed-country share was from 75 percent to over 95 percent. However, the developed-country share was distinctly smaller in two industries—in hotels and other lodging places and in health services. In hotels and other lodging places, sales in developing countries were largely accounted for by MOFA's located in resort areas of the Caribbean.[15] In health services, sales were concentrated in the Middle East, primarily in Saudi Arabia. Among the remaining "services" industries, the developed-country share was smallest, at 25 percent, in engineering, architectural, and surveying services; these sales also were concentrated in the Middle East.

15. Virtually all sales reported for hotels and other lodging places were reported as being to "foreign" persons, although, in many cases, sales to U.S. tourists probably accounted for a significant portion. U.S. tourists would have been located in the foreign country at the time of the sale, but were not foreigners in terms of residency. Separate data on revenues received from U.S. tourists are not available.

Table 9.—Sales of Services by Nonbank Majority-Owned Foreign Affiliates, Industry by Country, 1982

[Millions of dollars]

	All countries	Developed countries							Developing countries					International
		Total	Canada	Europe			Japan	Australia, New Zealand, and South Africa	Total	Latin America	Other Africa	Middle East	Other Asia and Pacific	
				Total	European Communities (10)	Other								
All industries	66,317	39,612	11,114	23,923	21,058	2,865	1,516	3,059	18,597	12,861	895	2,430	2,411	8,108
Petroleum	12,353	2,561	590	1,698	1,482	216	(D)	(D)	3,220	1,418	603	686	513	6,571
Oil and gas extraction	7,324	1,647	(D)	(D)	(D)	(D)	0	216	2,864	(D)	591	(D)	429	2,814
Crude petroleum extraction (no refining) and natural gas	48	(D)	(D)	(D)	(D)	0	0	0	(D)	(D)	1	0	0	...
Oil and gas field services	7,277	(D)	(D)	933	(D)	(D)	0	216	(D)	1,206	589	(D)	429	2,814
Petroleum and coal products	629	(D)	(D)	513	513	0	0	0	(D)	(D)	0	0	(D)	...
Petroleum wholesale trade	314	192	(D)	130	(D)	(D)	(D)	4	122	102	(D)	(D)	3	...
Other	4,085	(D)	73	(D)	(D)	0	0	(D)	(D)	(D)	(D)	(D)	(D)	3,758
Manufacturing	5,170	4,639	776	3,357	3,111	245	375	131	531	494	3	19	16	...
Food and kindred products	5	2	1	(*)	(*)	0	0	0	3	3	0	0	0	...
Chemicals and allied products	238	(D)	(D)	40	(D)	(D)	0	(D)	(D)	(D)	0	0	0	...
Primary and fabricated metals	43	40	3	32	32	0	1	3	4	4	0	0	0	...
Machinery, except electrical	3,974	3,686	479	2,793	(D)	(D)	(D)	(D)	288	278	0	(D)	(D)	...
Electric and electronic equipment	361	300	65	230	(D)	(D)	1	3	61	43	(D)	(D)	(D)	...
Transportation equipment	94	86	45	41	39	1	0	0	8	2	0	(D)	(D)	...
Other manufacturing	455	(D)	(D)	220	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	...
Wholesale trade	3,739	3,226	376	2,359	1,680	679	135	355	514	280	35	59	140	...
Finance (except banking), insurance, and real estate	23,473	14,015	6,234	6,110	(D)	(D)	735	936	9,458	8,793	65	56	544	...
Finance, except banking	9,856	4,477	1,540	2,333	2,130	203	90	515	5,379	5,170	(D)	47	(D)	...
Insurance	13,376	9,352	4,623	3,671	3,629	41	640	418	4,025	(D)	(D)	8	(D)	...
Real estate	200	(D)	72	(D)	(D)	0	5	3	(D)	(D)	3	0	9	...
Holding companies	41	(D)	(*)	(D)	7	(D)	0	(*)	(D)	(D)	0	0	(*)	...
Services	16,591	13,239	2,119	9,563	8,132	1,431	205	1,352	3,352	1,445	(D)	(D)	417	...
Hotels and other lodging places	1,524	898	(D)	618	510	108	(*)	(D)	626	424	(D)	64	(D)	...
Business services	7,798	(D)	(D)	5,601	(D)	(D)	126	413	(D)	586	(D)	170	(D)	...
Advertising	(D)	(D)	(D)	861	726	135	(D)	(D)	157	94	0	0	63	...
Management, consulting, and public relations services	(D)	(D)	57	(D)	1,111	(D)	34	10	213	95	23	56	38	...
Equipment rental (ex. automotive and computers)	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	308	(D)	(D)	(D)	(D)	...
Computer and data processing services	779	(D)	77	574	492	81	0	(D)	(D)	(D)	1	13	14	...
Other	(D)	1,845	(D)	1,328	(D)	(D)	(D)	(D)	(D)	117	(D)	(D)	(D)	...
Motion pictures, including television tape and film	1,413	1,278	164	978	940	39	52	83	135	135	0	0	0	...
Engineering, architectural, and surveying services	3,176	2,741	(D)	1,342	(D)	(D)	(D)	(D)	436	101	(D)	(D)	163	...
Health services	898	177	(D)	127	101	26	0	(D)	721	(D)	0	(D)	0	...
Other services	1,782	(D)	(D)	897	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	...
Other industries	4,991	1,932	1,019	837	(D)	(D)	(D)	(D)	1,523	432	(D)	(D)	781	1,536
Agriculture, forestry, and fishing	(D)	2	(*)	1	1	0	0	(*)	(D)	(D)	0	0	0	...
Mining	109	(D)	(D)	0	0	0	0	(*)	(D)	0	0	0	(D)	...
Construction	533	(D)	(D)	417	(D)	(D)	0	(D)	(D)	(D)	0	(D)	(*)	...
Transportation, communication, and public utilities	4,227	1,291	(D)	(D)	(D)	39	(D)	(D)	1,400	354	(D)	246	(D)	1,536
Retail trade	(D)	54	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	(*)	...
Addendum—All industries, except finance, insurance and real estate	42,844	25,597	4,880	17,813	(D)	(D)	781	2,123	9,139	4,068	830	2,374	1,867	8,108

D Suppressed to avoid disclosure of data of individual companies.
* Less than $500,000.

Table 10.—Sales of Services by Nonbank Majority-Owned Foreign Affiliates, Industry by Country, 1983

[Millions of dollars]

	All countries	Developed countries							Developing countries					International
		Total	Canada	Europe			Japan	Australia, New Zealand, and South Africa	Total	Latin America	Other Africa	Middle East	Other Asia and Pacific	
				Total	European Communities (10)	Other								
All industries	**65,781**	**40,598**	**11,245**	**24,271**	**21,456**	**2,815**	**2,132**	**2,950**	**18,765**	**12,597**	**868**	**2,711**	**2,589**	**6,418**
Petroleum	**10,205**	**2,478**	**683**	**1,569**	**1,450**	**119**	(D)	(D)	**2,881**	**1,143**	**572**	**623**	**542**	**4,846**
Oil and gas extraction	6,022	1,577	552	(D)	784	(D)	0	(D)	2,364	(D)	560	539	(D)	2,080
Crude petroleum extraction (no refining) and natural gas	71	(D)	(D)	(D)	(D)	0	0	(D)	(D)	(D)	0	0	0	.....
Oil and gas field services	5,951	(D)	(D)	851	(D)	(D)	0	142	(D)	815	560	539	(D)	2,080
Petroleum and coal products	681	(D)	(D)	544	544	0	0	0	(D)	(D)	0	0	(D)	.....
Petroleum wholesale trade	254	135	(D)	31	(D)	(D)	(D)	(D)	119	90	(D)	(D)	6	.....
Other	3,248	(D)	76	(D)	(D)	0	0	3	(D)	(D)	(D)	(D)	(D)	2,766
Manufacturing	**5,264**	**4,912**	**866**	**3,404**	(D)	(D)	(D)	(D)	**352**	**318**	**3**	**11**	**21**	.....
Food and kindred products	26	23	3	19	19	0	0	1	4	4	0	0	0	.....
Chemicals and allied products	178	(D)	(D)	(D)	4	(D)	0	(*)	(D)	(D)	0	0	0	.....
Primary and fabricated metals	20	20	3	16	16	0	0	0	(*)	(*)	0	0	0	.....
Machinery, except electrical	4,306	4,118	608	(D)	(D)	(D)	(D)	62	188	176	0	(D)	(D)	.....
Electric and electronic equipment	193	169	53	103	96	7	(D)	(D)	24	18	0	4	2	.....
Transportation equipment	80	71	(D)	(D)	(D)	1	0	0	9	0	(D)	0	(D)	.....
Other manufacturing	461	(D)	123	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)	0	.....
Wholesale trade	**4,741**	**4,065**	**580**	**2,822**	**1,997**	**825**	**268**	**395**	**676**	**373**	**22**	**76**	**205**	.....
Finance (except banking), insurance, and real estate	**23,670**	**13,866**	**6,116**	(D)	**5,592**	(D)	(D)	**952**	**9,803**	**9,119**	**48**	**46**	**590**	.....
Finance, except banking	10,288	4,112	1,287	2,223	2,015	208	101	501	6,176	6,012	34	34	97	.....
Insurance	13,146	9,562	4,786	3,492	3,444	48	838	446	3,583	3,075	12	(D)	(D)	.....
Real estate	222	(D)	43	(D)	134	(D)	6	5	(D)	(D)	2	(D)	(D)	.....
Holding companies	14	(D)	0	(D)	0	(D)	(D)	0	(D)	(D)	0	0	1	.....
Services	**16,922**	**13,476**	**2,026**	**9,874**	(D)	(D)	**320**	**1,256**	**3,445**	**1,268**	**194**	(D)	(D)	.....
Hotels and other lodging places	1,501	878	(D)	606	508	98	(*)	(D)	623	435	90	59	39	.....
Business services	7,924	6,998	653	5,730	(D)	(D)	163	452	926	441	59	153	272	.....
Advertising	(D)	(D)	(D)	977	838	139	(D)	(D)	133	76	0	0	57	.....
Management, consulting, and public relations services	(D)	(D)	57	(D)	1,077	(D)	62	12	220	99	21	50	50	.....
Equipment rental (ex. automotive and computers)	(D)	(D)	30	(D)	(D)	(D)	0	(D)	(D)	150	(D)	5	(D)	.....
Computer and data processing services	789	725	(D)	597	518	80	0	(D)	63	28	(D)	15	(D)	.....
Other	(D)	2,106	(D)	1,555	1,381	173	(D)	133	(D)	88	(D)	83	87	.....
Motion pictures, including television tape and film	1,910	1,801	266	1,288	1,258	29	127	121	109	109	0	0	0	.....
Engineering, architectural, and surveying services	2,680	(D)	(D)	1,235	1,143	92	7	469	(D)	(D)	44	247	112	.....
Health services	1,039	182	(D)	120	93	27	0	(D)	857	(D)	0	(D)	0	.....
Other services	1,868	(D)	(D)	896	786	110	22	89	(D)	152	0	(D)	(D)	.....
Other industries	**4,980**	**1,801**	**975**	(D)	**729**	(D)	**26**	(D)	**1,607**	**376**	**29**	(D)	(D)	**1,572**
Agriculture, forestry, and fishing	59	(D)	(*)	8	8	0	0	(D)	(D)	(D)	0	0	0	.....
Mining	130	123	123	0	0	0	0	(*)	6	3	0	0	3	.....
Construction	330	314	(D)	289	288	(*)	0	(D)	16	(D)	0	(D)	0	.....
Transportation, communication, and public utilities	4,394	1,293	(D)	(D)	(D)	15	26	33	1,529	307	29	404	789	1,572
Retail trade	67	(D)	16	35	(D)	(D)	0	(D)	(D)	(D)	0	0	(D)	.....
Addendum—All industries, except finance, insurance, and real estate	42,111	26,732	5,129	(D)	15,864	(D)	(D)	1,998	8,962	3,478	820	2,665	1,999	6,418

(D) Suppressed to avoid disclosure of data of individual companies.
(*) Less than $500,000.

Table 11.—Sales of Services by Nonbank Majority-Owned Foreign Affiliates, Industry by Country, 1984

[Millions of dollars]

	All countries	Developed countries							Developing countries					International
		Total	Canada	Europe			Japan	Australia, New Zealand, and South Africa	Total	Latin America	Other Africa	Middle East	Other Asia and Pacific	
				Total	European Communities (10)	Other								
All industries	**67,293**	**42,175**	**11,290**	**25,385**	**22,473**	**2,912**	**2,564**	**2,936**	**19,472**	**13,593**	**809**	**2,473**	**2,596**	**5,646**
Petroleum	**9,189**	**2,428**	**693**	**1,514**	**1,405**	**109**	(D)	(D)	**2,488**	**966**	**475**	**556**	**490**	**4,273**
Oil and gas extraction	5,228	1,651	545	964	861	103	0	142	2,023	648	(D)	(D)	386	1,554
Crude petroleum extraction (no refining) and natural gas	200	(D)	(D)	(D)	(D)	0	0	3	(D)	(D)	(*)	0	0	.....
Oil and gas field services	5,028	(D)	(D)	(D)	(D)	103	0	139	(D)	(D)	(D)	(D)	386	1,554
Petroleum and coal products	586	(D)	(D)	(D)	(D)	0	0	0	(D)	(D)	0	0	(D)	.....
Petroleum wholesale trade	181	82	(D)	14	8	7	(D)	3	99	66	(D)	(D)	7	.....
Other	3,194	(D)	90	(D)	(D)	0	0	(D)	(D)	(D)	8	9	(D)	2,719
Manufacturing	**5,723**	**5,382**	**1,018**	**3,623**	(D)	(D)	(D)	(D)	**341**	**299**	**2**	**13**	**27**	.....
Food and kindred products	34	31	4	27	27	0	0	0	3	3	0	0	0	.....
Chemicals and allied products	209	(D)	(D)	5	5	0	0	(*)	(D)	(D)	0	0	0	.....
Primary and fabricated metals	19	19	3	15	15	0	0	0	(*)	(*)	0	0	0	.....
Machinery, except electrical	4,735	4,580	711	(D)	(D)	(D)	(D)	34	155	133	0	2	20	.....
Electric and electronic equipment	219	193	60	120	120	0	(D)	(D)	27	23	0	(D)	(D)	.....
Transportation equipment	68	(D)	(D)	52	48	5	0	0	(D)	0	(D)	0	(D)	.....
Other manufacturing	438	(D)	136	(D)	(D)	3	(D)	(D)	(D)	(D)	(D)	(D)	0	.....
Wholesale trade	**5,753**	**4,869**	**636**	**3,344**	**2,298**	**1,046**	**349**	**541**	**884**	**447**	**34**	**148**	**255**	.....
Finance (except banking), insurance, and real estate	**25,886**	**14,870**	**6,151**	**6,631**	(D)	(D)	**1,145**	**943**	**11,016**	**10,251**	**66**	**71**	**628**	.....
Finance, except banking	11,981	4,722	1,179	2,873	2,626	246	148	522	7,259	7,016	52	57	134	.....
Insurance	13,724	(D)	4,930	(D)	(D)	40	993	414	(D)	(D)	11	(D)	(D)	.....
Real estate	169	(D)	43	(D)	77	(D)	4	7	(D)	(D)	2	(D)	(D)	.....
Holding companies	12	2	0	2	1	1	0	0	10	7	0	0	(D)	.....
Services	**16,050**	**12,816**	**1,736**	**9,618**	(D)	(D)	**339**	**1,122**	**3,234**	**1,310**	**214**	(D)	(D)	.....
Hotels and other lodging places	1,527	855	(D)	600	502	99	(*)	(D)	672	466	105	56	45	.....
Business services	7,768	(D)	656	5,404	(D)	(D)	191	(D)	(D)	503	62	179	(D)	.....
Advertising	1,459	1,327	(D)	906	808	98	(D)	(D)	132	72	0	0	60	.....
Management, consulting, and public relations services	1,806	1,518	65	1,279	(D)	(D)	81	94	288	166	16	42	64	.....
Equipment rental (ex. automotive and computers)	(D)	(D)	30	(D)	(D)	(D)	0	(D)	(D)	(D)	14	(D)	(D)	.....
Computer and data processing services	829	744	(D)	623	545	78	0	(D)	85	15	9	42	19	.....
Other	(D)	2,060	357	(D)	1,310	(D)	(D)	(D)	(D)	(D)	23	(D)	59	.....
Motion pictures, including television tape and film	1,944	1,861	261	1,357	1,309	49	114	128	83	83	0	0	0	.....
Engineering, architectural, and surveying services	2,354	1,761	195	1,333	1,257	76	8	225	593	95	48	363	87	.....
Health services	766	166	(D)	98	68	30	0	(D)	600	(D)	0	(D)	(D)	.....
Other services	1,692	(D)	443	826	725	100	27	(D)	(D)	(D)	0	169	(D)	.....
Other industries	**4,693**	**1,810**	**1,056**	**655**	**635**	**20**	**35**	**63**	**1,510**	**319**	**18**	(D)	(D)	**1,373**
Agriculture, forestry, and fishing	72	8	(*)	8	8	0	0	(*)	64	64	0	0	0	.....
Mining	142	135	135	0	0	0	0	(*)	7	3	0	0	3	.....
Construction	187	175	4	(D)	(D)	(*)	0	(D)	12	6	0	(D)	(D)	.....
Transportation, communication, and public utilities	4,213	1,416	(D)	(D)	(D)	15	35	44	1,424	244	18	353	809	1,373
Retail trade	79	76	(D)	44	39	5	0	(D)	3	2	0	0	(*)	.....
Addendum—All industries, except finance, insurance, and real estate	41,607	27,305	5,139	18,754	(D)	(D)	1,419	1,993	8,456	3,342	743	2,402	1,968	5,646

(D) Suppressed to avoid disclosure of data of individual companies.
(*) Less than $500,000.

Table 12.—Sales of Services by Nonbank Majority-Owned Foreign Affiliates to Foreign Persons, Industry by Country, 1982

[Millions of dollars]

	All countries	Developed countries							Developing countries					International
		Total	Canada	Europe			Japan	Australia, New Zealand, and South Africa	Total	Latin America	Other Africa	Middle East	Other Asia and Pacific	
				Total	European Communities (10)	Other								
All industries	**58,868**	**37,193**	**10,762**	**21,944**	**19,371**	**2,573**	**1,453**	**3,034**	**13,567**	**7,979**	**859**	**2,420**	**2,310**	**8,108**
Petroleum	**12,085**	**2,422**	**563**	**1,599**	**1,383**	**216**	(D)	(D)	**3,091**	**1,336**	**596**	**686**	**473**	**6,571**
Oil and gas extraction	7,280	(D)	(D)	(D)	(D)	120	0	216	(D)	(D)	584	622	427	2,814
Crude petroleum extraction (no refining) and natural gas	48	(D)	(D)	(D)	(D)	0	0	0	(D)	(D)	1	0	0	.....
Oil and gas field services	7,232	1,583	442	925	804	120	0	216	2,836	1,205	582	622	427	2,814
Petroleum and coal products	(D)	462	13	449	449	0	0	0	(D)	(D)	0	0	(D)	.....
Petroleum wholesale trade	286	179	(D)	130	34	96	(D)	(D)	108	88	3	(D)	(D)	.....
Other	(D)	(D)	(D)	(D)	(D)	0	0	(D)	(D)	0	10	(D)	(D)	3,758
Manufacturing	**4,755**	**4,235**	**745**	**3,001**	**2,766**	**235**	**360**	**130**	**519**	**483**	**3**	**19**	**15**	.....
Food and kindred products	4	2	1	(*)	(*)	0	0	0	3	3	0	0	0	.....
Chemicals and allied products	(D)	103	(D)	(D)	(D)	(D)	0	(*)	(D)	(D)	0	0	0	.....
Primary and fabricated metals	42	38	3	31	31	0	1	3	4	4	0	0	0	.....
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	286	277	0	1	8	.....
Electric and electronic equipment	(D)	282	65	212	189	24	1	3	(D)	(D)	0	16	1	.....
Transportation equipment	93	86	45	41	39	1	0	0	8	2	0	0	6	.....
Other manufacturing	(D)	(D)	104	217	(D)	(D)	(D)	(D)	(D)	(D)	3	1	0	.....
Wholesale trade	**3,610**	**3,108**	**345**	**2,282**	**1,620**	**661**	**132**	**349**	**502**	**273**	**34**	**59**	**137**	.....
Finance (except banking), insurance, and real estate	**18,073**	**13,241**	**6,046**	**5,537**	**5,351**	**186**	**729**	**929**	**4,832**	**4,204**	**38**	**56**	**534**	.....
Finance, except banking	6,299	4,157	1,508	2,057	1,910	148	83	509	2,143	1,969	22	47	104	.....
Insurance	11,536	8,899	4,467	3,374	3,341	33	640	417	2,638	2,196	(D)	8	(D)	.....
Real estate	198	(D)	71	(D)	(D)	0	5	3	(D)	(D)	(D)	0	(D)	.....
Holding companies	40	(D)	(*)	(D)	(D)	5	0	(*)	(D)	(D)	0	0	(*)	.....
Services	**15,639**	**12,403**	**2,097**	**8,771**	**7,519**	**1,252**	**186**	**1,349**	**3,237**	**1,368**	**167**	**1,313**	**388**	.....
Hotels and other lodging places	(D)	897	191	618	510	108	(D)	(D)	(D)	424	(D)	64	41	.....
Business services	6,926	6,025	641	4,862	4,048	815	111	410	901	514	50	164	172	.....
Advertising	(D)	1,198	100	859	725	134	(D)	(D)	(D)	(D)	0	0	63	.....
Management, consulting, and public relations services	(D)	959	57	873	740	133	19	10	(D)	73	(D)	56	29	.....
Equipment rental (ex. automotive and computers)	(D)	(D)	58	(D)	(D)	(D)	0	(D)	293	221	(D)	(D)	47	.....
Computer and data processing services	740	665	72	543	463	80	0	50	75	47	1	13	14	.....
Other	(D)	(D)	355	(D)	(D)	(D)	(D)	102	(D)	(D)	(D)	(D)	19	.....
Motion pictures, including television tape and film	(D)	1,267	164	967	929	39	52	83	(D)	(D)	0	0	0	.....
Engineering, architectural, and surveying services	3,130	2,695	700	1,309	1,177	132	(D)	(D)	435	101	21	149	163	.....
Health services	898	177	19	127	101	26	0	31	721	(D)	0	(D)	0	.....
Other services	(D)	1,341	380	888	755	133	(D)	(D)	(D)	147	(D)	(D)	12	.....
Other industries	**4,707**	**1,784**	**965**	**755**	**732**	**23**	(D)	(D)	**1,386**	**315**	**22**	**288**	**762**	**1,536**
Agriculture, forestry, and fishing	(D)	2	(*)	1	1	0	0	(*)	(D)	(D)	0	0	0	.....
Mining	109	106	106	0	0	0	0	(*)	3	0	0	0	3	.....
Construction	529	475	(D)	415	414	1	0	(D)	53	(D)	0	(D)	(*)	.....
Transportation, communication, and public utilities	3,955	1,151	804	308	291	17	(D)	(D)	1,268	(D)	22	(D)	758	1,536
Retail trade	(D)	51	(D)	31	26	5	0	(D)	(D)	(D)	0	0	(*)	.....
Addendum—All industries, except finance, insurance, and real estate	40,795	23,952	4,716	16,407	14,020	2,387	724	2,105	8,735	3,775	821	2,364	1,776	8,108

(D) Suppressed to avoid disclosure of data of individual companies.
(*) Less than $500,000.

Table 13.—Sales of Services by Nonbank Majority-Owned Foreign Affiliates to Foreign Persons, Industry by Country, 1983

[Millions of dollars]

	All countries	Developed countries							Developing countries					International
		Total	Canada	Europe			Japan	Australia, New Zealand, and South Africa	Total	Latin America	Other Africa	Middle East	Other Asia and Pacific	
				Total	European Communities (10)	Other								
All industries	**57,617**	**38,170**	**10,912**	**22,411**	**19,907**	**2,504**	**1,921**	**2,926**	**13,029**	**7,026**	**848**	**2,701**	**2,454**	**6,418**
Petroleum	**9,855**	**2,408**	**654**	**1,541**	**1,422**	**118**	(D)	(D)	**2,601**	**920**	**565**	**623**	**493**	**4,846**
Oil and gas extraction	5,980	(D)	(D)	(D)	(D)	96	0	145	(D)	(D)	553	539	430	2,080
Crude petroleum extraction (no refining) and natural gas	71	(D)	(D)	(D)	(D)	0	0	2	(D)	(D)	0	0	0	.....
Oil and gas field services	5,909	1,491	503	845	749	96	0	142	2,338	815	553	539	430	2,080
Petroleum and coal products	(D)	553	30	522	522	0	0	0	(D)	(D)	0	0	(D)	.....
Petroleum wholesale trade	216	122	(D)	31	9	22	(D)	(D)	95	(D)	4	(D)	3	.....
Other	(D)	(D)	(D)	(D)	(D)	0	0	3	(D)	0	8	(D)	(D)	2,766
Manufacturing	**4,675**	**4,332**	**785**	**3,034**	(D)	(D)	**400**	**113**	**343**	**309**	**3**	**11**	**20**	.....
Food and kindred products	25	22	3	19	19	0	0	1	3	3	0	0	0	.....
Chemicals and allied products	177	(D)	(D)	(D)	3	(D)	0	(*)	(D)	(D)	0	0	0	.....
Primary and fabricated metals	19	19	3	16	16	0	0	0	(*)	(*)	0	0	0	.....
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	188	176	0	1	11	.....
Electric and electronic equipment	(D)	167	52	103	95	7	1	12	(D)	(D)	0	4	2	.....
Transportation equipment	79	70	(D)	(D)	(D)	1	0	0	9	0	1	0	8	.....
Other manufacturing	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	2	6	0	.....
Wholesale trade	**4,606**	**3,961**	**538**	**2,771**	**1,962**	**809**	**259**	**393**	**645**	**371**	**22**	**76**	**175**	.....
Finance (except banking), insurance, and real estate	**17,686**	**13,156**	**5,980**	**5,300**	**5,122**	**178**	**931**	**945**	**4,529**	**3,876**	**36**	**46**	**571**	.....
Finance, except banking	5,748	3,740	1,270	1,888	1,754	134	87	495	2,008	1,864	21	34	89	.....
Insurance	11,705	9,225	4,667	3,275	3,234	41	838	445	2,480	1,983	(D)	(D)	(D)	.....
Real estate	221	191	43	137	134	3	6	5	30	20	(D)	(D)	(D)	.....
Holding companies	11	(*)	0	(*)	0	(*)	0	0	11	9	0	0	1	.....
Services	**15,961**	**12,615**	**2,014**	**9,069**	**7,940**	**1,130**	**280**	**1,252**	**3,346**	**1,215**	**194**	**1,535**	**403**	.....
Hotels and other lodging places	(D)	(D)	186	606	508	98	(*)	(D)	623	435	90	59	39	.....
Business services	7,090	6,250	645	5,029	4,247	782	128	449	839	391	59	150	240	.....
Advertising	(D)	1,359	121	975	837	138	(D)	(D)	(D)	(D)	0	0	57	.....
Management, consulting, and public relations services	(D)	991	56	896	741	155	28	12	(D)	(D)	21	50	37	.....
Equipment rental (ex. automotive and computers)	(D)	(D)	30	(D)	(D)	(D)	0	(D)	218	139	13	5	61	.....
Computer and data processing services	744	681	77	563	486	77	0	41	63	28	3	15	17	.....
Other	(D)	(D)	361	(D)	(D)	(D)	(D)	(D)	(D)	(D)	22	79	68	.....
Motion pictures, including television tape and film	(D)	1,783	266	1,269	1,247	22	127	121	(D)	(D)	0	0	0	.....
Engineering, architectural, and surveying services	2,606	2,111	468	1,169	1,078	91	5	469	495	94	44	244	112	.....
Health services	1,039	182	22	120	93	27	0	40	857	(D)	0	(D)	0	.....
Other services	(D)	(D)	427	877	767	110	20	(D)	(D)	(D)	0	(D)	11	.....
Other industries	**4,834**	**1,697**	**942**	**696**	(D)	(D)	(D)	(D)	**1,564**	**334**	**29**	**410**	**792**	**1,572**
Agriculture, forestry, and fishing	57	8	(*)	8	8	0	0	(*)	49	49	0	0	0	.....
Mining	130	123	123	0	0	0	0	(*)	6	3	0	0	3	.....
Construction	330	314	(D)	288	288	(*)	0	(D)	16	10	0	6	0	.....
Transportation, communication, and public utilities	4,250	1,189	781	365	350	15	(D)	(D)	1,488	268	29	404	788	1,572
Retail trade	67	62	(D)	35	(D)	(D)	0	(D)	5	5	0	0	(*)	.....
Addendum—All industries, except finance, insurance, and real estate	39,931	25,014	4,932	17,111	14,785	2,326	990	1,981	8,500	3,150	812	2,655	1,883	6,418

D Suppressed to avoid disclosure of data of individual companies.
* Less than $500,000.

Table 14.—Sales of Services by Nonbank Majority-Owned Foreign Affiliates to Foreign Persons, Industry by Country, 1984

[Millions of dollars]

	All countries	Developed countries							Developing countries					International
		Total	Canada	Europe			Japan	Australia, New Zealand, and South Africa	Total	Latin America	Other Africa	Middle East	Other Asia and Pacific	
				Total	European Communities (10)	Other								
All industries	**57,920**	**39,525**	**10,957**	**23,409**	**20,710**	**2,700**	**2,249**	**2,909**	**12,749**	**7,045**	**795**	**2,461**	**2,447**	**5,646**
Petroleum	**8,804**	**2,347**	**658**	**1,479**	**1,370**	**109**	(D)	(D)	**2,184**	**719**	**475**	**556**	**434**	**4,273**
Oil and gas extraction	(D)	(D)	510	960	857	103	0	(D)	(D)	(D)	463	527	386	1,554
Crude petroleum extraction (no refining) and natural gas	200	(D)	20	(D)	(D)	0	0	(D)	(D)	(D)	(*)	0	0	.....
Oil and gas field services	(D)	(D)	491	(D)	(D)	103	0	(D)	1,999	624	462	527	386	1,554
Petroleum and coal products	502	(D)	(D)	(D)	(D)	0	0	0	(D)	(D)	0	0	(D)	.....
Petroleum wholesale trade	151	70	(D)	14	8	7	(D)	(D)	81	52	4	(D)	(D)	.....
Other	(D)	(D)	90	(D)	(D)	0	0	(D)	30	0	8	(D)	(D)	2,719
Manufacturing	**5,065**	**4,738**	**940**	**3,244**	(D)	(D)	(D)	(D)	**327**	**292**	**2**	**13**	**20**	.....
Food and kindred products	34	31	4	27	27	0	0	0	3	3	0	0	0	.....
Chemicals and allied products	209	(D)	(D)	(D)	(D)	0	0	(*)	(D)	(D)	0	0	0	.....
Primary and fabricated metals	18	18	3	15	15	0	0	0	(*)	(*)	0	0	0	.....
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	2	14	.....
Electric and electronic equipment	(D)	191	(D)	120	120	0	1	(D)	(D)	(D)	0	2	2	.....
Transportation equipment	67	62	9	52	48	5	0	0	5	0	1	0	5	.....
Other manufacturing	(D)	(D)	(D)	202	199	3	(D)	(D)	40	29	1	10	0	.....
Wholesale trade	**5,566**	**4,718**	**616**	**3,215**	**2,185**	**1,031**	**347**	**540**	**848**	**447**	**34**	**144**	**224**	.....
Finance (except banking), insurance, and real estate	**18,952**	**14,071**	**6,001**	**6,016**	**5,782**	**234**	**1,123**	**931**	**4,881**	**4,138**	**52**	**70**	**621**	.....
Finance, except banking	6,507	4,258	1,156	2,461	2,268	193	126	515	2,249	2,025	39	57	127	.....
Insurance	12,267	9,679	4,802	3,474	3,436	38	993	410	2,588	2,084	11	8	485	.....
Real estate	168	132	42	79	77	3	4	6	36	22	2	6	5	.....
Holding companies	11	2	0	2	1	1	0	0	9	6	0	0	3	.....
Services	**15,020**	**11,970**	**1,724**	**8,868**	**7,846**	**1,022**	**261**	**1,118**	**3,050**	**1,175**	**214**	**1,320**	**341**	.....
Hotels and other lodging places	1,526	854	157	600	502	99	(D)	(D)	672	466	105	56	45	.....
Business services	6,853	6,051	648	4,749	4,068	681	116	538	802	371	62	175	194	.....
Advertising	1,457	1,325	130	905	807	97	(D)	(D)	132	72	0	0	60	.....
Management, consulting, and public relations services	1,148	980	64	815	711	104	7	94	168	63	16	42	48	.....
Equipment rental (ex. automotive and computers)	(D)	(D)	29	(D)	(D)	(D)	0	(D)	189	(D)	14	(D)	29	.....
Computer and data processing services	787	702	69	591	517	74	0	42	85	15	9	42	19	.....
Other	(D)	(D)	356	(D)	(D)	(D)	(D)	(D)	227	(D)	23	(D)	38	.....
Motion pictures, including television tape and film	1,915	1,832	261	1,329	1,293	36	114	128	83	83	0	0	0	.....
Engineering, architectural, and surveying services	2,299	1,706	192	1,284	1,209	75	6	225	593	95	48	363	87	.....
Health services	766	166	23	98	68	30	0	45	600	(D)	0	(D)	3	.....
Other services	1,661	1,360	443	808	708	100	(D)	(D)	301	(D)	0	(D)	12	.....
Other industries	**4,513**	**1,681**	**1,018**	**587**	(D)	(D)	**22**	**54**	**1,459**	**274**	**18**	**359**	**808**	**1,373**
Agriculture, forestry, and fishing	72	8	(*)	8	8	0	0	(*)	64	64	0	0	0	.....
Mining	142	135	135	0	0	0	0	(*)	7	3	0	0	3	.....
Construction	187	174	4	(D)	(D)	(*)	0	(D)	12	6	0	5	1	.....
Transportation, communication, and public utilities	4,033	1,287	860	370	355	15	22	35	1,373	199	18	353	803	1,373
Retail trade	79	76	18	(D)	(D)	(D)	0	(D)	3	2	0	0	(*)	.....
Addendum—All industries, except finance, insurance, and real estate	38,968	25,454	4,956	17,393	14,928	2,466	1,126	1,978	7,868	2,907	743	2,391	1,826	5,646

D Suppressed to avoid disclosure of data of individual companies.
* Less than $500,000.

By MARK A. PLANTING

Input-Output Accounts of the U.S. Economy, 1981

THIS article presents the U.S. input-output (I-O) accounts for 1981. These annual accounts are consistent definitionally with the 1977 benchmark I-O accounts published in May 1984 as modified by the subsequent comprehensive revision of the national income and product accounts (NIPA's) released in December 1985.[1] The 1981 I-O estimates of final demand—that is, estimates of GNP components—differ from the NIPA estimates for that year because the former incorporates additional information. For the major components, these differences are shown in table A and mainly reflect an improved estimate of business purchases of computers.[2] The previously published 1977 and 1980 I-O accounts have been revised to provide a consistent series of accounts.

The full set of 1981 I-O accounts, at the two-digit industry/commodity level, are presented in five tables: (1) Use table, (2) make table, (3) commodity-by-industry direct requirements table, (4) commodity-by-commodity total requirements table, and (5) industry-by-commodity total requirements table. The structure of these tables is identical to those published and described in the May 1984 article except that, in tables 1 and 3, the components of value added are not shown and, in tables 4 and 5, "output multipliers" are added. Output multipliers express the cumulative effect on industries or commodities of a one dollar change in the final demand for a commodity. This article presents only tables 1 and 2. See the box for information about the availability of the other tables.

Table A.—Comparison of GNP in the NIPA's and the I-O Accounts, 1981

[Billions of dollars]

	NIPA's [1]	I-O accounts	Difference
Gross national product	3,052.7	3,056.1	−3.6
Personal consumption expenditures	1,915.1	1,915.2	−.1
Gross private domestic investment	515.5	518.9	−3.4
Net exports of goods and services	33.9	33.9	0
Government purchases of goods and services	588.1	588.1	0

1. The 1981 NIPA estimates appear in the *National Income and Product Accounts of the United States, 1929-82: Statistical Tables.*

Annual I-O accounts are prepared using basically the same procedures as used in the most recent benchmark table, but with less comprehensive and less reliable source data. There are four major steps in the preparation of the annual accounts: (1) Determine industry and commodity output totals, (2) estimate the commodity composition of intermediate consumption for each industry, (3) derive each GNP component and its commodity composition, and (4) balance the table. Each of these steps is described below, with a focus on the differences between the procedures and source data used in the 1977 benchmark and the 1981 annual I-O accounts.

1. Industry and commodity output totals

Source data are available to estimate annual industry output at the same level of detail as used in the 1977 benchmark. These sources include the Annual Survey of Manufactures, the Service Annual Survey, the Annual Retail Trade Survey, the Annual Trade Survey, the American Housing Survey, the Current Construction Reports, and the Current Industrial Reports—all from the Census Bureau—and tabulations from the U.S. Department of Agriculture, the Internal Revenue Service, and Federal regulatory agencies. For most industries, the data used for the annual accounts are based on sample surveys; more complete and detailed data for industries covered by the quinquennial economic census are used for

NOTE.—The 1981 annual I-O accounts were prepared under the direction of Mark A. Planting, Chief of the Auxiliary Studies Branch, Interindustry Economics Division. Staff contributors were William A. Allen, Claiborne M. Ball, Esther M. Carter, Richard J. Dekaser, Robert S. Robinowitz, and Nancy W. Simon.

1. For the 1977 I-O accounts, see "The Input-Output Structure of the U.S. Economy, 1977," SURVEY OF CURRENT BUSINESS 64 (May 1984): 42-84. For a description of the NIPA revision, see "Revised Estimates of the National Income and Product Accounts of the United States, 1929-85: An Introduction," SURVEY 65 (December 1985): 1-19.

2. See "Corrections to the Estimates of Purchases of Computers," SURVEY 66 (March 1986): 10.

Data Availability

The I-O accounts presented in this article, as well as the 1977 and 1980 I-O accounts at the two-digit industry/commodity level as modified by the comprehensive NIPA revisions, are available in magnetic tape, diskette, and computer printout forms. Magnetic tapes containing data in tables 1 through 5 cost $200 per year. Diskettes containing data in tables 1 through 3 on the first diskette and tables 4 and 5 on the second cost $20 per diskette per year. Computer printouts cost $10 per table per year. Requests must specify tables and years desired. Magnetic tape requests must specify accession number (BEA IED 87-001 for 1977, BEA IED 87-002 for 1980, and BEA IED 87-003 for 1981), density (1,600 BPI or 6,250 BPI) and whether or not internal labels are needed. To order these data, write to Economic and Statistical Analysis/BEA, U.S. Department of Commerce, Citizens and Southern National Bank, 222 Mitchell Street, P.O. Box 100606, Atlanta, Georgia 30804. A check or money order, payable to "Economic and Statistical Analysis/BEA," must accompany all orders. A hard copy version of tables 3, 4, and 5 for the 1981 accounts, which were not printed in this article, is available from Interindustry Economics Division (BE-51), Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230.

benchmark accounts. When necessary, the 1981 survey data are adjusted by BEA to approximate more closely census results based on differences between the 1982 census and 1982 survey data.

For each commodity, the output total is derived as the sum of the outputs of that commodity in each industry in which it is produced. For the 1977 benchmark, the commodity composition of each industry's output is available from the quinquennial economic censuses. For the annual accounts, estimates of the commodity composition of each industry's output are prepared using commodity-industry output proportions from the 1977 benchmark. This procedure assumes that the proportions were constant from 1977 to 1981. For industries in manufacturing, the commodity output estimated in this way is adjusted to be consistent with commodity output totals available from the Annual Survey of Manufactures.

2. Commodity composition of intermediate consumption

Source data to estimate the commodity composition of intermediate consumption for each industry are available only from the quinquennial economic censuses. For the annual accounts, initial estimates of intermediate consumption are prepared using industry consumption patterns from the 1977 benchmark. This procedure assumes that input requirements per unit of constant-dollar industry output remained constant from 1977 to 1981. Industry output for 1981 expressed in 1977 dollars (see next paragraph) is multiplied by the 1977 direct requirements per dollar of industry output to obtain 1981 constant-dollar intermediate consumption, and the results reflated by commodity to current dollars.

To derive annual constant-dollar industry output, current-dollar industry output is deflated with industry price indexes that are calculated by weighting commodity price indexes using proportions from the make table. For manufacturing commodities, the indexes are the same as those prepared by BEA to estimate constant-dollar GNP by industry. For most services, the indexes are the same as those prepared by BEA to estimate constant-dollar service components of personal consumption expenditures (PCE). For other goods and services, the price indexes are derived by BEA from various sources. These commodity price indexes also are used to reflate intermediate consumption.

3. GNP components and their commodity composition

PCE.—The estimate of PCE goods and services is derived using the commodity-flow procedure—that is, PCE is derived as domestic shipments or receipts, plus imports, less exports, intermediate consumption, inventory change, and government purchases all valued at producers' prices, to which transportation and trade margins are added to put the commodity total at purchasers' prices. The source data for, and thus the implementation of, the commodity-flow procedure for the annual accounts differs from that of the benchmark accounts in three ways. First, for domestic goods and services, the annual source data, which are the same as described in step 1, provide less detail than the economic census data used in the benchmark. Second, because the commodity composition of intermediate consumption is not available, constant-dollar consumption is estimated using the 1977 consumption proportions and reflated to current dollars. Third, information on transportation and trade margins is not available annually. For 1981, total trade margins are estimated using sales data from the Annual Trade Survey and the Annual Retail Trade Survey multiplied by 1977 margin rates. Trade margins on each commodity are estimated using 1977 commodity margin rates and adjusted to agree with total trade margins.

Gross private domestic fixed investment.—The estimates of producers' durable equipment and the mobile homes part of structures are derived using the commodity-flow procedure described above for PCE. The same differences in source data that exist for PCE apply to producers' durable equipment. The estimates of other residential structures and nonresidential structures for both the annual and the benchmark accounts are based primarily on data from the Current Construction Reports. The only major difference between the annual and benchmark source data is in the mining exploration, shafts, and wells component of structures, where the benchmark estimates were based on data from the census of mineral industries and the annual estimates on survey data.

Change in business inventories.—Annual source data for change in business inventories by industry are from the Census Bureau annual surveys and Internal Revenue Service *Statistics of Income*. The same sources are used for the benchmark except for mineral industries, manufactures, and manufacturers' sales branches, for which economic census data are used.

Net exports of goods and services.—Exports and imports in both the annual and benchmark are from the Census Bureau foreign trade statistics and BEA balance of payments accounts.

Government purchases of goods and services.—Federal Government purchases in both the annual and benchmark accounts are based primarily on various annual budget documents, the Current Construction Reports, and the Current Industrial Report "Shipments to Federal Government Agencies." State and local government purchases in both the annual and benchmark accounts are based on the Census Bureau *Governmental Finances* series, the Current Construction Reports, and Bureau of Labor Statistics *Employment and Wages*.

4. Balancing the table

Total commodity consumption (that is, intermediate and final, in steps 2 and 3) is adjusted to equal total commodity output (step 1) by allocating the difference proportionally to all consuming industries. Total commodity consumption by industry is then subtracted from total industry output (step 1) to yield value added. For some industries (for example, farms), independent estimates of value added are used, and the commodity consumption is adjusted.

Table 1.—The Use of Commodities

[Millions of dollars

Commodity number	For the distribution of output of a commodity, read the row for that commodity / For the composition of inputs to an industry, read the column for that industry	Livestock and livestock products	Other agricultural products	Forestry and fishery products	Agricultural, forestry, and fishery services	Iron and ferroalloy ores mining	Nonferrous metal ores mining	Coal mining	Crude petroleum and natural gas	Stone and clay mining and quarrying	Chemical and fertilizer mineral mining
	Industry number	1	2	3	4	5	6	7	8	9	10
1	Livestock and livestock products	15,164	2,190		296						
2	Other agricultural products	17,120	3,796		182				3		
3	Forestry and fishery products			19	21						
4	Agricultural, forestry, and fishery services	2,836	3,877	565	89		(*)	4	(*)	(*)	1
5	Iron and ferroalloy ores mining					255					
6	Nonferrous metal ores mining					20	391				
7	Coal mining	18	3			14	16	3,936		9	3
8	Crude petroleum and natural gas								5,138		
9	Stone and clay mining and quarrying	2	250		2	13	3			195	41
10	Chemical and fertilizer mineral mining		1								164
11	New construction										
12	Repair and maintenance construction	549	1,230	179	118	17	7	106	7,296	19	28
13	Ordnance and accessories			7							
14	Food and kindred products	12,592		68	81		1	(*)	6	1	1
15	Tobacco manufactures										
16	Broad and narrow fabrics, yarn and thread mills		23				1	38			6
17	Miscellaneous textile goods and floor coverings	21	63	43	32						
18	Apparel						1	14	13	3	1
19	Miscellaneous fabricated textile products		53	8	55						
20	Lumber and wood products, except containers	13	12			2	15	102			
21	Wood containers	3	205		13						
22	Household furniture										
23	Other furniture and fixtures										
24	Paper and allied products, except containers	128	58	1	7	(*)	1	10	4	31	7
25	Paperboard containers and boxes	2	118	1	90		(*)		3	2	1
26	Printing and publishing	14	20	1	6	(*)	1	7	14	5	2
27	Chemicals and selected chemical products	200	8,704	220	979	80	180	335	743	94	124
28	Plastics and synthetic materials										
29	Drugs, cleaning and toilet preparations	163							5		1
30	Paints and allied products			2					12		
31	Petroleum refining and related industries	930	5,458	318	512	149	161	1,058	705	370	146
32	Rubber and miscellaneous plastics products	364	430	3	44	46	69	198	26	55	12
33	Leather tanning and finishing										
34	Footwear and other leather products	34			3				2		
35	Glass and glass products	6		(*)	2	(*)	1	(*)	12	1	1
36	Stone and clay products		111		12	3	31	133	17	3	1
37	Primary iron and steel manufacturing	9	10			80	151	142	626	46	33
38	Primary nonferrous metals manufacturing					4	16	67		15	4
39	Metal containers			5							
40	Heating, plumbing, and fabricated structural metal products	9	14						55	19	10
41	Screw machine products and stampings	28				12	23	244		14	12
42	Other fabricated metal products	125	202	21	30	58	62	162	476	61	13
43	Engines and turbines			13	48	41	38	209	241	54	39
44	Farm and garden machinery	440	915	10	26						
45	Construction and mining machinery					112	148	1,328	407	231	75
46	Materials handling machinery and equipment					21	17	92		36	8
47	Metalworking machinery and equipment			(*)	2	3	4	5	34	5	1
48	Special industry machinery and equipment										
49	General industrial machinery equipment	22	27	6	1	38	38	328	280	54	18
50	Miscellaneous machinery, except electrical	60	85	1	4	6	22	115	235	32	9
51	Office, computing, and accounting machines				1						
52	Service industry machines										
53	Electric industrial equipment and apparatus	10	12			7	17	119	363	25	13
54	Household appliances										
55	Electric lighting and wiring equipment	5	4	1	3	(*)	2	22	22	2	1
56	Radio, TV, and communication equipment				(*)			1	1		
57	Electronic components and accessories										
58	Miscellaneous electrical machinery and supplies	94	390	(*)	26	(*)	5	10	12	5	1
59	Motor vehicles and equipment	50	55	4	43	61	6	6	8	48	5
60	Aircraft and parts			(*)	8						
61	Other transportation equipment			234	8	1	4				
62	Scientific and controlling instruments			2	1	(*)	3	13	45	1	(*)
63	Optical, ophthalmic, and photographic equipment			1	5	(*)	1	(*)	5	1	(*)
64	Miscellaneous manufacturing	7	10	(*)	4	7	2	8	10	6	3
65	Transportation and warehousing	1,050	1,075	64	307	76	69	233	356	74	45
66	Communications, except radio and TV	218	302	5	2	3	5	23	99	11	4
67	Radio and television broadcasting										
68	Private electric, gas, water, and sanitary services	634	1,809	30	207	464	327	582	1,449	397	577
69	Wholesale and retail trade	2,470	4,444	245	852	170	183	1,033	783	244	92
70	Finance and insurance	1,413	1,405	36	136	20	54	228	532	95	90
71	Real estate and rental	1,375	7,751	1	533	48	70	648	7,888	158	56
72	Hotels; personal and repair services (except auto)	101	107	9	24	3	6	28	64	35	11
73	Business services	291	1,520	65	286	85	97	771	1,135	222	115
74	Eating and drinking places	11	15	31	107	6	12	32	377	22	19
75	Automobile repair and services	234	258	26	194	39	69	154	207	37	33
76	Amusements				349			2	7	2	1
77	Health, educational, and social services and nonprofit organizations	510	35	8	17	4	6	25	42	6	4
78	Federal Government enterprises	9	13	5	39	4	8	10	18	6	9
79	State and local government enterprises			1	13	1	2	3	4	(*)	(*)
80	Noncomparable imports	(*)	3	1	1	2	20	8	188	2	3
81	Scrap and used goods					1	1	2		2	3
82	Government industry										
83	Rest of the world industry										
84	Household industry										
85	Inventory valuation adjustment										
I	Total intermediate inputs	59,332	47,058	2,257	5,819	1,975	2,363	12,589	29,966	2,754	1,845
VA	Value added	21,377	50,976	3,222	5,397	1,668	2,312	13,577	129,412	3,617	2,247
T	**Total industry output**	**80,708**	**98,034**	**5,480**	**11,217**	**3,643**	**4,675**	**26,166**	**159,378**	**6,371**	**4,092**

* Less than $500,000.

by Industries, 1981

at producers' prices]

New construction	Repair and maintenance construction	Ordnance and accessories	Food and kindred products	Tobacco manufactures	Broad and narrow fabrics, yarn and thread mill	Miscellaneous textile goods and floor coverings	Apparel	Miscellaneous fabricated textile products	Lumber and wood products, except containers	Wood containers	Household furniture	Other furniture and fixtures	Paper and allied products, except containers	Paperboard containers and boxes	Printing and publishing	Chemicals and selected chemical products	Commodity number
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	
			55,115		128	113											1
			23,224	2,100	2,074	30	24									126	2
			2,457				286		4,359				28			46	3
186	359	(*)	3		1	(*)	(*)		65	(*)	(*)		1	(*)	(*)	152	4
																126	5
													7			618	6
		6	115	9	43	4	6	2	7	(*)	5	1	307	5	4	311	7
																3,839	8
1,247	1,124		39										132			381	9
			21										43			1,922	10
																	11
459	163	102	1,594	30	275	58	218	40	307	6	108	78	728	178	323	850	12
20	1	722			(*)		(*)		(*)							(*)	13
10	3	(*)	50,056	7	2	8	10	5	4	(*)	37	3	376	3	20	512	14
				3,549													15
		1			12,129	1,677	11,273	3,065			940	5	699		40		16
1,399	348	1	15		300	660	97	875	60		239	203	325		84		17
34	10	9	16	2	6	103	10,019	97	14	(*)	48	7	12	2	8	2	18
53	44		69			10	792	298			34	1	2		1	26	19
17,095	2,375	23	28	(*)	4	1		14	13,084	187	1,491	602	3,597		2	101	20
		15	83	6					3	5	10	4	2				21
115	37										26	2					22
529	127											79	2				23
647	338	4	2,835	224	51	78	215	33	28	(*)	32	17	10,722	7,641	12,927	781	24
8	3	25	5,660	107	262	65	233	90	92	38	148	127	827	721	201	333	25
3	1	30	1,353	164	19	10	62	21	24	1	26	12	55	21	7,226	157	26
708	462	55	2,071	27	1,072	507	123	18	699		47	82	2,064	443	1,715	23,135	27
		25	68		6,017	2,700	1,831	104	30	4	75	5	1,538	202	8	742	28
187	90	2	1,341	20	82	21	162						109			281	29
2,252	1,791	3			3	3	(*)		214		137	87	15	31	22	122	30
9,389	4,815	106	1,981	94	464	137	416	39	1,055	11	148	88	2,767	339	645	3,208	31
2,035	1,631	97	2,557	337	366	356	231	267	276	(*)	817	404	1,273	36	473	548	32
							250	111			55	4			5		33
3	1	(*)	3		9		6		12				1	1	2	8	34
203	151	2	4,118	1	106	23			70		61	12	2	(*)	1	38	35
16,868	4,647	18	93	2	10	3	8	2	231	2	62	33	113	10	24	149	36
9,298	2,195	495	11	2	1	2	1		38	4	335	1,169	1	109	28	333	37
3,954	1,096	383	1			40			15		93	161	71	53	35	1,242	38
			7,925	1												690	39
19,831	6,681								101								40
145	62	95	525						388		83	154			1	9	41
6,650	3,305	146	698	82	6	2	35	1	1,012	3	833	377	441	87	131	207	42
		36															43
																	44
1,026	119								10								45
1,173	456		2	1	32		3		26				(*)				46
57	19	100	45	4	18	6	14	4	100	1	13	34	28	74	15	20	47
			129		209	123	94	9	24	1	6		210	76	345	322	48
1,659	268	120	78	4			7		33		1	22	34		1	270	49
423	157	102	149	4	59	22	45	10	130	3	27	40	85	37	40	62	50
															1		51
3,454	1,581		11														52
1,651	608	89							31			25				35	53
785	406		(*)		(*)		44							(*)	1	(*)	54
4,767	1,675	1	16	(*)	4	1	4	(*)	17	(*)	2	3	4	2	6	3	55
824	265	712	3	(*)	(*)	(*)	1	(*)	1		1	1	(*)	(*)	4	1	56
		233			8												57
220	68	5	3	(*)	1		3		14		(*)		3	1	7	(*)	58
137	60	27	11	1	2	(*)	4		61	(*)	2	1	7	2	13	2	59
		530		1													60
3									2								61
1,148	501	6	43	2	9	(*)	6	2	9	(*)	7	2	28	3	5	100	62
17	6	43	17	1	4	5	8	1	7	(*)	2	1	14	5	788	14	63
433	143	7	19	1	6	1	712	18	12	(*)	15	1	5	3	159	5	64
5,143	1,770	212	6,569	128	367	269	484	117	981	15	288	193	2,190	768	2,065	4,450	65
2,389	1,182	79	566	12	175	22	514	34	69	2	79	49	138	48	945	201	66
																	67
1,262	481	259	4,272	72	1,059	273	566	104	880	10	178	166	3,248	279	790	6,320	68
23,604	8,686	305	17,823	220	1,805	539	2,450	548	2,462	41	874	498	4,068	427	3,378	4,211	69
3,620	916	61	1,382	150	143	50	377	73	319	13	216	135	258	58	782	525	70
900	352	89	922	51	112	47	487	116	167	5	141	108	284	104	1,421	616	71
365	95	29	562	10	48	17	164	56	65	2	47	30	190	22	513	195	72
34,237	2,498	526	7,644	917	1,186	248	1,260	219	669	21	584	473	1,396	258	4,402	2,448	73
215	69	122	598	23	140	32	233	42	127	5	79	50	141	65	1,489	421	74
974	183	17	517	33	64	19	115	19	189	2	82	58	160	56	313	95	75
2	(*)		6	2	(*)		3		(*)		14	5	4	1	19	10	76
8	3	6	83	8	44	2	33	36	63	2	32	16	35	3	154	72	77
133	41	12	303	39	51	24	221	23	33	2	33	31	61	22	1,244	71	78
75	22	4	172	4	16	6	10		6	(*)	2	2	48	5	16	31	79
			3,699	2	21	238	49	69	6		24	1	44	11	34	428	80
4	(*)	5			33	96							860			59	81
																	82
																	83
																	84
																	85
184,032	54,489	6,099	209,716	9,853	29,041	8,650	34,212	6,582	28,699	390	8,639	5,660	39,801	12,212	42,875	61,978	I
106,395	64,176	9,231	56,713	8,047	9,177	2,232	17,479	2,887	14,697	186	4,944	4,300	20,680	6,643	35,051	27,683	VA
290,427	**118,665**	**15,331**	**266,429**	**16,498**	**38,218**	**10,881**	**51,690**	**9,469**	**43,396**	**576**	**13,583**	**9,961**	**60,480**	**18,855**	**77,926**	**89,661**	**T**

Table 1.—The Use of Commodities

[Millions of dollars

Commodity number	For the distribution of output of a commodity, read the row for that commodity For the composition of inputs to an industry, read the column for that industry Industry number	Plastics and synthetic materials	Drugs, cleaning and toilet preparations	Paints and allied products	Petroleum refining and related industries	Rubber and miscellaneous plastics products	Leather tanning and finishing	Footwear and other leather products	Glass and glass products	Stone and clay products
		28	29	30	31	32	33	34	35	36
1	Livestock and livestock products		39							
2	Other agricultural products		77	2						2
3	Forestry and fishery products		16	22						
4	Agricultural, forestry, and fishery services	1	(*)	(*)	(*)	1			(*)	1
5	Iron and ferroalloy ores mining			8						6
6	Nonferrous metal ores mining	3		19						8
7	Coal mining	129	18		14	32	1	1	1	344
8	Crude petroleum and natural gas	952		144	152,739	184				
9	Stone and clay mining and quarrying		19	57	233	17			236	2,057
10	Chemical and fertilizer mineral mining			4	14	9	2		5	110
11	New construction									
12	Repair and maintenance construction	312	207	76	1,353	390	10	33	131	643
13	Ordnance and accessories					1				28
14	Food and kindred products	53	806	202	41	13	525	28	1	22
15	Tobacco manufactures									
16	Broad and narrow fabrics, yarn and thread mills	106				839		280		175
17	Miscellaneous textile goods and floor coverings		14		18	751		288		(*)
18	Apparel	6	1	(*)	1	14	(*)	17	5	7
19	Miscellaneous fabricated textile products	1	2	1		7			1	
20	Lumber and wood products, except containers	14	6		27	143		40	91	134
21	Wood containers					6		1	63	(*)
22	Household furniture									
23	Other furniture and fixtures									
24	Paper and allied products, except containers	382	378	16	241	665	(*)	65	16	454
25	Paperboard containers and boxes	263	962	70	400	716	12	102	535	147
26	Printing and publishing	15	152	46	17	45	2	19	26	31
27	Chemicals and selected chemical products	13,838	4,869	2,683	4,991	3,124	173	72	632	898
28	Plastics and synthetic materials	1,348	158	658	39	11,832		121		279
29	Drugs, cleaning and toilet preparations	147	3,226	28	625	19	45	22		28
30	Paints and allied products	57	62	107	5	32			19	58
31	Petroleum refining and related industries	891	803	328	15,128	1,129	32	21	332	1,257
32	Rubber and miscellaneous plastics products	575	1,481	27	182	2,556	(*)	519	59	158
33	Leather tanning and finishing					1	97	1,504		
34	Footwear and other leather products	(*)	1	1	6	8		502	5	(*)
35	Glass and glass products	12	582	8	29	285			1,158	28
36	Stone and clay products	22	21	109	240	196	4	4	152	4,390
37	Primary iron and steel manufacturing	(*)	1	42	51	596		4	2	235
38	Primary nonferrous metals manufacturing	14	5	76		67		(*)	8	233
39	Metal containers	81	791	424	423					4
40	Heating, plumbing, and fabricated structural metal products		12			46				11
41	Screw machine products and stampings		171	13		177		22	24	15
42	Other fabricated metal products	41	339	41	340	289	(*)	71	8	360
43	Engines and turbines					16				4
44	Farm and garden machinery									
45	Construction and mining machinery									184
46	Materials handling machinery and equipment					3		(*)		2
47	Metalworking machinery and equipment	11	14	1	9	152	1	9	61	31
48	Special industry machinery and equipment	5				60		5	40	2
49	General industrial machinery equipment	56	95	(*)	226	14		(*)	5	20
50	Miscellaneous machinery, except electrical	30	25	9	28	217	3	20	65	81
51	Office, computing, and accounting machines									
52	Service industry machines									
53	Electric industrial equipment and apparatus					4			22	10
54	Household appliances		(*)	(*)		(*)			8	
55	Electric lighting and wiring equipment	1	2	(*)	10	52	(*)	1	10	31
56	Radio, TV, and communication equipment	(*)	1	(*)	(*)	1		(*)	1	(*)
57	Electronic components and accessories					18				
58	Miscellaneous electrical machinery and supplies		5		1	9			1	1
59	Motor vehicles and equipment	1	3	4	152	33	(*)		1	78
60	Aircraft and parts									
61	Other transportation equipment									
62	Scientific and controlling instruments	20	41	2	39	49	(*)	2	25	11
63	Optical, ophthalmic, and photographic equipment	3	12	(*)	7	12	(*)	(*)	6	16
64	Miscellaneous manufacturing	2	22	7	3	19	(*)	79	1	41
65	Transportation and warehousing	893	1,000	493	7,630	1,484	36	110	432	3,281
66	Communications, except radio and TV	44	172	23	231	158	3	41	38	116
67	Radio and television broadcasting									
68	Private electric, gas, water, and sanitary services	1,193	551	88	4,855	1,461	35	67	1,149	2,082
69	Wholesale and retail trade	1,336	2,125	515	3,349	2,139	110	298	580	1,411
70	Finance and insurance	103	409	61	915	351	7	106	83	271
71	Real estate and rental	251	869	58	396	517	5	63	161	281
72	Hotels; personal and repair services (except auto)	65	145	33	61	100	15	36	26	66
73	Business services	882	6,551	308	2,433	1,373	25	315	311	899
74	Eating and drinking places	121	512	65	293	273	4	51	52	178
75	Automobile repair and services	94	78	23	110	108	2	20	52	140
76	Amusements	1	8	1	2	4		(*)	1	1
77	Health, educational, and social services and nonprofit organizations	23	138	11	74	94	1	3	8	25
78	Federal Government enterprises	15	102	22	92	57	3	60	21	44
79	State and local government enterprises	6	17		8	10	5	1	4	6
80	Noncomparable imports	39	284	56	378	966	1		72	77
81	Scrap and used goods					4			62	
82	Government industry									
83	Rest of the world industry									
84	Household industry									
85	Inventory valuation adjustment									
I	Total intermediate inputs	24,458	28,397	6,994	198,456	33,945	1,157	5,021	6,805	21,509
VA	Value added	6,277	16,325	1,760	22,258	19,141	896	3,342	5,813	13,061
T	**Total industry output**	**30,735**	**44,722**	**8,754**	**220,714**	**53,086**	**2,053**	**8,363**	**12,618**	**34,571**

* Less than $500,000.

by Industries, 1981—Continued

at producers' prices]

Primary iron and steel manufacturing	Primary nonferrous metals manufacturing	Metal containers	Heating, plumbing, and fabricated structural metal products	Screw machine products and stampings	Other fabricated metal products	Engines and turbines	Farm and garden machinery	Construction and mining machinery	Materials handling machinery and equipment	Metalworking machinery and equipment	Special industry machinery and equipment	General industrial machinery and equipment	Miscellaneous machinery, except electrical	Office, computing, and accounting machines	Service industry machines	Commodity number
37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	
																1
																2
																3
1	(*)	(*)	(*)	(*)	1	(*)	(*)	(*)		(*)	(*)	(*)	(*)	(*)	(*)	4
3,975																5
112	3,217		44													6
4,129	28	(*)	1	5	7	1	5	8	1	4	(*)	2	1	(*)	4	7
93																8
304	14		4		12											9
82	1														19	10
																11
2,047	390	97	606	305	332	121	66	198	49	95	69	137	65	152	76	12
16																13
9	4	1	5	2	4	1	1	2	1	3	3	3	2	7	2	14
																15
	27															16
	2				2							107	23			17
18	4	1	5	3	15	4	1	2	1	4	2	7	2	2	2	18
2	1			22								1	1			19
81	75	11	63	64	140		35	10	6	5	28	34	1		44	20
12	20		26	19	3		1	4	4	9	2	9	1		25	21
																22
2									3							23
14	30	9	38	81	9	25	4	4	2	5	3	60	6	141	18	24
71	79	37	139	160	338	44	33	5	3	80	12	83	92	151	125	25
37	31	151	40	29	47	11	13	24	11	28	20	28	24	87	20	26
2,767	1,332	10	58	140	854	1	3	32	3	136	169	20	5	4	104	27
	751	33		63	125							16		79	98	28
2	1	9	21	14	18								3			29
24	41	238	125	93	268	6	39	32	8	28		7	6	55	48	30
1,782	900	59	323	123	316	123	46	99	77	220	105	436	94	330	182	31
91	303	20	255	148	858	49	385	385	109	94	177	239	22	1,227	324	32
																33
6	1							1		(*)			1	1	(*)	34
3	21	(*)	264	31	41	(*)		(*)		(*)	14	1	(*)	10	12	35
665	166	6	74	32	144	101	31	152	24	215	54	155	196	73	92	36
17,732	422	3,357	8,845	6,402	5,510	1,869	1,887	4,689	1,025	1,951	1,045	3,006	1,124	293	1,381	37
1,863	20,851	1,570	3,633	1,090	2,375	599	128	148	149	423	332	769	468	731	1,153	38
6	3	410		18	12											39
			781		9	206		428	113	136	147	199		448	141	40
280	123	8	1,114	719	624	353	262	154	85	126	86	310	86	763	429	41
760	427	125	1,294	418	1,613	194	146	369	122	192	210	290	227	588	380	42
27			2		65	1,828	1,140	941	120		135	170	55		62	43
							1,201									44
								2,205	13							45
25	21								352		6					46
550	545	49	215	354	313	234	109	252	73	1,208	176	361	266	192	164	47
35	9			2	5						307					48
902	395	2	246	23	46	356	719	1,742	532	483	485	1,592	212	58	424	49
531	241	37	243	925	315	536	362	203	157	601	427	540	1,512	186	297	50
7														3,223		51
2			93								8				977	52
746	215	1	326	48	148	157	85	381	288	577	499	926	82	1,504	1,261	53
																54
12	11	(*)	7	20	3	1	17	2	(*)	23	1	1	1	141	92	55
(*)	(*)	(*)	1	(*)	1		(*)	(*)		(*)	(*)	1	(*)	3	(*)	56
					9					6	23	46		4,806		57
3	1	(*)	2		6	199	102	3	7	1		(*)	92	37	(*)	58
3	4	1	23	48	3	83	308	300	1	3	7	1	28	6	1	59
													49			60
5																61
139	35	1	60	6	14	2	2	3	2	55	3	51	4	37	236	62
16	4	3	9	6	15	7	4	9	4	9	7	11	10	36	8	63
13	7	1	19	3	11	1	2	9	4	6	2	3	3	27	29	64
3,515	1,837	278	685	408	628	180	218	341	76	230	156	316	250	759	272	65
97	94	12	168	163	179	37	29	182	30	73	76	161	75	296	69	66
			9													67
5,617	3,083	204	495	443	825	157	179	358	78	311	147	353	257	413	216	68
5,203	3,504	496	2,002	1,011	1,752	658	1,211	1,909	479	806	728	1,319	400	2,479	1,209	69
449	347	73	261	136	359	60	52	132	36	129	108	168	130	593	71	70
313	220	73	283	153	256	47	77	105	55	147	85	167	187	557	83	71
149	88	28	195	51	94	19	14	37	12	37	26	52	52	583	46	72
1,386	886	155	905	623	1,027	254	195	668	174	479	294	653	922	1,741	416	73
167	137	47	199	80	176	38	39	106	36	125	67	196	108	425	78	74
60	109	20	96	82	100	38	12	25	23	60	18	61	65	85	13	75
1	3	1	11	1	2	2		2	2	2		7	1	1	(*)	76
12	26	8	29	43	29	4	4	5	2	21	5	25	27	26	12	77
83	40	4	51	24	51	12	22	24	14	24	28	45	21	65	8	78
19	10	3	7	5	13	2	2	4	1	5	2	5	3	16	3	79
75	190	3	13	8	24	10	22	49	6	103	18	18	1	215	1	80
2,613	2,378		63		47	39	18	9		9	8	11				81
																82
																83
																84
																85
59,757	43,701	7,651	24,469	14,646	20,191	8,670	9,227	16,747	4,363	9,287	6,329	13,181	7,265	23,653	10,724	I
30,243	15,402	3,778	14,520	9,020	16,905	6,265	6,244	14,193	3,157	12,953	6,415	11,787	8,432	13,164	5,648	VA
89,999	**59,103**	**11,429**	**38,989**	**23,666**	**37,096**	**14,934**	**15,471**	**30,941**	**7,520**	**22,240**	**12,743**	**24,968**	**15,697**	**36,817**	**16,372**	T

Table 1.—The Use of Commodities

[Millions of dollars

Commodity number	For the distribution of output of a commodity, read the row for that commodity For the composition of inputs to an industry, read the column for that industry Industry number	Electric industrial equipment and apparatus	Household appliances	Electric lighting and wiring equipment	Radio, TV, and communication equipment	Electronic components and accessories	Miscellaneous electrical machinery and supplies	Motor vehicles and equipment	Aircraft and parts	Other transportation equipment
		53	54	55	56	57	58	59	60	61
1	Livestock and livestock products									
2	Other agricultural products									
3	Forestry and fishery products									
4	Agricultural, forestry, and fishery services	1		(*)	1	1	(*)	1	1	1
5	Iron and ferroalloy ores mining						6			
6	Nonferrous metal ores mining						35			
7	Coal mining	3	6	3	5	1	4	39	6	3
8	Crude petroleum and natural gas									
9	Stone and clay mining and quarrying							1		
10	Chemical and fertilizer mineral mining									
11	New construction									
12	Repair and maintenance construction	211	96	67	192	236	54	301	273	90
13	Ordnance and accessories				(*)			(*)	2	(*)
14	Food and kindred products	4	2	1	4	6	1	2	5	4
15	Tobacco manufactures									
16	Broad and narrow fabrics, yarn and thread mills		44	18				15	89	10
17	Miscellaneous textile goods and floor coverings	3					2	214		220
18	Apparel	4	2	2	25	25	1	14	10	17
19	Miscellaneous fabricated textile products							1,987	67	80
20	Lumber and wood products, except containers	30	67	19	20		1	119	20	907
21	Wood containers	13	18		20			5	7	(*)
22	Household furniture				351	23			13	63
23	Other furniture and fixtures		8					250	17	96
24	Paper and allied products, except containers	182	48	3	76	89	4	100	12	20
25	Paperboard containers and boxes	124	235	199	140	115	73	86	5	15
26	Printing and publishing	48	16	16	264	55	11	43	84	31
27	Chemicals and selected chemical products	230	77	116	95	727	381	218	37	71
28	Plastics and synthetic materials	103	273	191	310	167	95	185	35	142
29	Drugs, cleaning and toilet preparations							5		1
30	Paints and allied products	65	120	32	37	1	16	388	65	173
31	Petroleum refining and related industries	259	40	74	192	258	75	396	518	270
32	Rubber and miscellaneous plastics products	388	652	294	1,848	1,157	273	4,160	271	306
33	Leather tanning and finishing									
34	Footwear and other leather products				2	1		5	2	
35	Glass and glass products	18	79	347	52	369	7	1,073	7	118
36	Stone and clay products	237	89	49	58	371	23	406	84	273
37	Primary iron and steel manufacturing	1,750	1,244	774	325	274	266	8,832	1,529	2,647
38	Primary nonferrous metals manufacturing	1,729	595	739	1,625	1,741	1,187	1,898	2,235	536
39	Metal containers									
40	Heating, plumbing, and fabricated structural metal products	87			345	46	17	7	87	1,140
41	Screw machine products and stampings	427	315	330	511	634	167	7,315	535	230
42	Other fabricated metal products	285	347	249	728	731	361	2,413	441	429
43	Engines and turbines	105						1,073		979
44	Farm and garden machinery									
45	Construction and mining machinery							19		121
46	Materials handling machinery and equipment							17		3
47	Metalworking machinery and equipment	195	55	98	176	160	84	323	599	132
48	Special industry machinery and equipment									2
49	General industrial machinery equipment	110	80	4	32	2	78	705	395	716
50	Miscellaneous machinery, except electrical	159	49	45	263	142	53	1,167	743	374
51	Office, computing, and accounting machines	22			30			(*)	7	(*)
52	Service industry machines		223		9			1,198		83
53	Electric industrial equipment and apparatus	2,239	731	235	419	133	170	205	100	295
54	Household appliances		158							172
55	Electric lighting and wiring equipment	152	158	242	361	70	63	535	4	159
56	Radio, TV, and communication equipment	(*)	(*)	(*)	2,362	4	(*)	500	1,555	153
57	Electronic components and accessories	630		169	9,148	4,792	386	193	923	7
58	Miscellaneous electrical machinery and supplies	(*)	2	224	28	4	446	1,810	135	64
59	Motor vehicles and equipment	1		1	56	3	3	30,783	2	528
60	Aircraft and parts	53						18	10,076	35
61	Other transportation equipment							19		882
62	Scientific and controlling instruments	42	369	2	82	10	6	236	531	67
63	Optical, ophthalmic, and photographic equipment	25	2	9	126	37	7	16	216	14
64	Miscellaneous manufacturing	14	59	2	19	10	1	23	12	25
65	Transportation and warehousing	440	190	211	642	667	278	1,159	1,009	362
66	Communications, except radio and TV	127	35	37	322	193	30	65	288	84
67	Radio and television broadcasting									
68	Private electric, gas, water, and sanitary services	448	241	177	529	666	187	965	676	299
69	Wholesale and retail trade	1,686	820	775	2,750	2,078	602	5,178	1,297	1,567
70	Finance and insurance	319	95	151	277	372	154	394	774	140
71	Real estate and rental	279	50	78	2,187	289	116	176	311	474
72	Hotels; personal and repair services (except auto)	112	41	62	402	258	66	70	628	40
73	Business services	663	622	339	2,159	1,180	275	1,888	1,996	527
74	Eating and drinking places	173	57	76	437	370	66	128	934	77
75	Automobile repair and services	41	17	17	65	130	26	683	101	47
76	Amusements	1		1	10	21	20	15	21	21
77	Health, educational, and social services and nonprofit organizations	10	12	8	62	51	4	75	64	8
78	Federal Government enterprises	43	43	18	200	58	8	116	156	29
79	State and local government enterprises	5	3	3	9	11	4	19	9	3
80	Noncomparable imports	97	15	7	192	36	17	575	70	4
81	Scrap and used goods		1	24			22	59		(*)
82	Government industry									
83	Rest of the world industry									
84	Household industry									
85	Inventory valuation adjustment									
I	Total intermediate inputs	14,393	8,496	6,538	30,579	18,775	6,226	80,877	30,086	16,382
VA	Value added	14,060	4,352	5,462	17,923	10,306	5,510	35,975	26,622	12,145
T	**Total industry output**	**28,453**	**12,848**	**12,000**	**48,502**	**29,081**	**11,736**	**116,852**	**56,708**	**28,527**

* Less than $500,000.

by Industries, 1981—Continued

at producers' prices]

Scientific and controlling instruments	Optical, ophthalmic, and photographic equipment	Miscellaneous manufacturing	Transportation and warehousing	Communications, except radio and TV	Radio and TV broadcasting	Private electric, gas, water, and sanitary services	Wholesale and retail trade	Finance and insurance	Real estate and rental	Hotels; personal and repair services (exc. auto)	Business services	Eating and drinking places	Automobile repair and services	Amusements	Health, educational, and social services and nonprofit organizations	Commodity number
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	
		2	2							3	16	524		81	118	1
		20	5				33		19	33	14	1,071		1,161	149	2
		8	(*)				3					1,117			22	3
(*)	(*)	(*)	5	1	(*)	8	1,049	4	2,120	43	8	1	(*)	101	100	4
																5
7																6
1	8	3	5			9,131			9						23	7
			261			33,587										8
(*)		45													1	9
																10
																11
93	91	169	5,625	3,676	30	6,317	4,940	699	21,134	1,021	996	980	555	1,341	3,877	12
			2	(*)		(*)	6	2	1	(*)	132	(*)			3	13
62	2	18	119		5	7	512	10	1	129	111	35,077	2	554	3,409	14
																15
241		428	4				1			192				55	46	16
182	9	70	67				85			20	3	25	15	32	21	17
28	1	21	111	64	(*)	6	112		3	462	46		45	117	480	18
	1	67	105				41	124	1	496	10	69	(*)	55	482	19
22		545	23			66	796		4	96		20		84	52	20
		9	(*)				30									21
4										2				2		22
														2		23
221	480	474	108	70	7	66	3,633	676	83	208	697	501	29	34	1,422	24
174	126	514	51	18	(*)	6	1,155	2		61	48	832	1	1	101	25
78	24	71	392	281	24	101	2,577	2,776	483	314	2,688	139	17	106	5,141	26
171	1,589	553	158	17	12	546	44	10	193	215	513	105	5	53	4,897	27
203	161	823														28
2		(*)	6	70		2	177	9	6	774	280	175		6	5,132	29
21	1	149	31	56						1	75		433	1	16	30
290	167	326	26,576	542	18	20,352	13,988	1,219	1,273	891	3,193	578	1,766	598	4,388	31
731	708	791	1,213	127	1	79	1,646	81	350	441	487	1,078	121	141	2,273	32
		58														33
8	(*)	58	6	2	1	1	144	16	4	67	9	2	(*)	31	29	34
107	157	15	30	5	(*)	1	192	18	3	128	45	267	222	1	272	35
66	57	96	78	25		12	112	3	22	206	27	162	553	4	55	36
420	77	693	395	1			17	2		3	5				12	37
864	481	1,375	113	118		28				7		17		8		38
8						6	185				41					39
48	13	4					35		159						7	40
480	167	152	86	141		71				26	95	393	1,887	20	160	41
380	214	392	587	49	(*)	142	450	17	7	130	276	75	1,431	26	180	42
		8	276	227		925					137		52			43
							17		66		411					44
											495				1	45
			7			9	194				227					46
117	24	42	87	2	(*)	19	79				157		9	1		47
		7					17				111	79				48
29	48	11	414	93		71	3	10	6		456		4			49
152	49	85	219	27	1	42	439		5	35	129	288	540	5	17	50
31			7			3	25	47	4	361	309				13	51
		30	14			(*)	132			42	35	27	13	30	7	52
375	62	110	232			169	3			20	191		116			53
			17	(*)		(*)	26	5	30	318	74	(*)		(*)	1	54
47	29	31	57	19	1	130	71	25	52	24	127	61	167	27	193	55
1	(*)	9	30	2,061	28	5	92	24	(*)	34	27	2	54	8	75	56
662	988	151	52	524	270	3	16	80		734	839				134	57
29	17	15	73	15	(*)	7	148	20	61	9	93	12	347	2	517	58
3	2	3	434	290	1	33	579	35	21	15	142	18	6,937	46	70	59
			1,570													60
		13	1,549	8	1	8		34		4	229		6	189	8	61
609	34	6	62	13	1	165	95	13	3	29	47	(*)	9	(*)	2,206	62
17	744	20	44	25	203	55	310	187	72	436	1,621	6	2	221	1,215	63
64	5	1,305	110	62	4	30	746	293	67	912	440	194	17	125	624	64
273	405	770	24,942	525	142	3,173	12,324	1,836	419	351	3,742	1,988	1,676	709	3,764	65
141	128	209	1,625	2,003	104	468	9,848	4,554	877	981	4,594	696	669	477	3,147	66
					91						198					67
265	200	325	1,936	1,111	143	50,678	15,596	2,578	4,572	3,221	2,025	3,324	871	1,214	6,343	68
1,119	814	1,902	6,898	671	84	2,501	11,932	1,037	1,483	1,411	3,237	8,413	7,772	688	5,569	69
131	159	278	2,645	1,078	136	1,373	9,813	43,512	12,331	1,221	2,522	1,923	384	732	2,389	70
215	163	469	2,546	2,052	677	855	28,466	5,928	35,230	3,053	7,883	4,711	1,272	2,442	18,212	71
49	82	81	461	228	108	243	2,594	1,121	120	944	2,145	674	128	436	1,705	72
774	936	1,301	6,966	3,194	517	1,598	52,536	16,893	9,190	3,548	19,380	5,361	1,763	3,716	14,118	73
183	206	173	1,780	313	198	151	10,792	1,976	1,127	423	3,166	231	133	518	2,745	74
212	59	76	3,481	211	9	223	9,762	672	262	497	2,158	202	251	598	1,699	75
27	15	12	67	5	3,136	10	1,416	4	(*)	24	226	1,242	(*)	6,344	575	76
52	86	79	298	113	31	145	723	1,003	150	454	1,015	268	37	272	4,996	77
52	30	95	198	324	13	448	2,661	3,858	1,001	192	1,595	171	30	83	1,467	78
5	4	6	106	31	16	24	277	41	58	66	48	86	38	16	137	79
61	38	980	6,146	1,322	52	5	796	504	4	131	508	72		88	49	80
			56							26			5			81
																82
																83
																84
																85
10,602	9,862	16,550	101,563	21,807	6,063	134,106	204,488	91,955	93,086	25,482	70,551	73,251	30,383	23,599	104,860	I
10,117	10,697	11,767	95,082	63,347	7,668	68,319	400,258	117,917	360,121	46,132	177,707	61,859	32,539	21,345	174,771	VA
20,718	**20,559**	**28,317**	**196,645**	**85,154**	**13,731**	**202,425**	**604,746**	**209,872**	**453,207**	**71,614**	**248,258**	**135,110**	**62,922**	**44,943**	**279,631**	**T**

Table 1.—The Use of Commodities

[Millions of dollars

Commodity number	For the distribution of output of a commodity, read the row for that commodity For the composition of inputs to an industry, read the column for that industry Industry number	Federal Government enterprises	State and local government enterprises	Government industry	Rest of the world industry	Household industry	Inventory valuation adjustment	Total intermediate use
		78	79	82	83	84	85	
1	Livestock and livestock products	9						73,798
2	Other agricultural products	994	3					52,262
3	Forestry and fishery products	28						8,431
4	Agricultural, forestry, and fishery services	1	18					11,614
5	Iron and ferroalloy ores mining							4,377
6	Nonferrous metal ores mining							4,481
7	Coal mining	788	994					20,589
8	Crude petroleum and natural gas							196,938
9	Stone and clay mining and quarrying							6,428
10	Chemical and fertilizer mineral mining		11					2,407
11	New construction							
12	Repair and maintenance construction	285	8,036					84,407
13	Ordnance and accessories	(*)	(*)					944
14	Food and kindred products	1,267	1					106,859
15	Tobacco manufactures							3,549
16	Broad and narrow fabrics, yarn and thread mills	8						32,473
17	Miscellaneous textile goods and floor coverings	1	3					6,942
18	Apparel	1	15					12,155
19	Miscellaneous fabricated textile products	29	4					5,101
20	Lumber and wood products, except containers							42,689
21	Wood containers							658
22	Household furniture							638
23	Other furniture and fixtures							1,113
24	Paper and allied products, except containers	74	34					48,831
25	Paperboard containers and boxes	24	(*)					17,917
26	Printing and publishing	185	77					26,241
27	Chemicals and selected chemical products	8	458					93,299
28	Plastics and synthetic materials							31,637
29	Drugs, cleaning and toilet preparations	27	22					13,366
30	Paints and allied products	2	(*)					7,731
31	Petroleum refining and related industries	588	3,454					142,928
32	Rubber and miscellaneous plastics products	31	81					42,918
33	Leather tanning and finishing	(*)						2,086
34	Footwear and other leather products	16	1					1,018
35	Glass and glass products	3	2					10,847
36	Stone and clay products	1	93					33,065
37	Primary iron and steel manufacturing	1	(*)					95,853
38	Primary nonferrous metals manufacturing	9	1					59,240
39	Metal containers							11,032
40	Heating, plumbing, and fabricated structural metal products	4	2					31,396
41	Screw machine products and stampings	56	6					21,940
42	Other fabricated metal products	13	9					34,428
43	Engines and turbines	7	34					9,108
44	Farm and garden machinery		107					3,193
45	Construction and mining machinery	2	1					6,497
46	Materials handling machinery and equipment	2						2,734
47	Metalworking machinery and equipment	3	14					8,327
48	Special industry machinery and equipment							2,231
49	General industrial machinery equipment	15	7					15,228
50	Miscellaneous machinery, except electrical	15	230					14,829
51	Office, computing, and accounting machines	5	1					4,095
52	Service industry machines	12	4					7,985
53	Electric industrial equipment and apparatus	1	101					16,187
54	Household appliances	2	28					2,075
55	Electric lighting and wiring equipment	19	58					9,887
56	Radio, TV, and communication equipment	4	3					8,855
57	Electronic components and accessories	2	14					25,865
58	Miscellaneous electrical machinery and supplies	7	23					5,446
59	Motor vehicles and equipment	39	141					41,893
60	Aircraft and parts							12,341
61	Other transportation equipment	23	115					3,345
62	Scientific and controlling instruments	2	9					7,423
63	Optical, ophthalmic, and photographic equipment	23	23					6,833
64	Miscellaneous manufacturing	44	29					7,146
65	Transportation and warehousing	1,523	517					118,895
66	Communications, except radio and TV	150	117					41,703
67	Radio and television broadcasting							298
68	Private electric, gas, water, and sanitary services	380	7,557					157,838
69	Wholesale and retail trade	501	810					193,071
70	Finance and insurance	357	166					102,319
71	Real estate and rental	476	345					148,808
72	Hotels; personal and repair services (except auto)	100	67					17,791
73	Business services	702	737					240,323
74	Eating and drinking places	130	233					34,852
75	Automobile repair and services	104	80					27,316
76	Amusements	45	1					13,732
77	Health, educational, and social services and nonprofit organizations	11	37					11,969
78	Federal Government enterprises	575	91					16,947
79	State and local government enterprises	13	6					1,637
80	Noncomparable imports	884						20,134
81	Scrap and used goods		2					6,519
82	Government industry							
83	Rest of the world industry							
84	Household industry							
85	Inventory valuation adjustment							
I	Total intermediate inputs	10,629	25,028					2,780,297
VA	Value added	21,183	12,877	307,748	52,479	7,042	−28,556	
T	**Total industry output**	**31,812**	**37,905**	**307,748**	**52,479**	**7,042**	**−28,556**	

* Less than $500,000.

by Industries, 1981—Continued

at producers' prices]

Personal consumption expenditures	Gross private fixed investment	Change in business inventories	Exports	Imports	Federal Government purchases			State and local government purchases			Total final demand	Total commodity output	Commodity number
					Total	National defense	Nondefense	Total	Education	Other			
91	92	93	94	95		96	97		98	99			
2,636		523	434	−491	9	2	7	78	33	45	3,189	76,987	1
10,645		4,914	26,528	−2,094	2,396		2,396	545	265	280	42,934	95,196	2
550		21	202	−1,947	−677		−677	−96	5	−102	−1,948	6,483	3
483			232	−3	97	6	91	640	224	415	1,449	13,063	4
		49	613	−1,218	−15	−15					−571	3,806	5
	757	114	322	−1,165	−1	−1	(*)				27	4,508	6
254		430	4,695	−40	58	41	18	162	80	82	5,559	26,149	7
	576	4,200	1,754	−60,138	4,181	1	4,180				−49,427	147,511	8
1		−29	355	−323	−1	−1		−52		−52	−49	6,378	9
3		217	411	−506	5		5	135		135	265	2,672	10
	230,976		12		10,610	3,108	7,503	48,829	8,169	40,659	290,427	290,427	11
	11,299		44		5,065	3,500	1,565	17,851	6,195	11,657	34,259	118,665	12
965	36	93	1,915	−184	10,893	10,072	821	62		62	13,781	14,725	13
154,868		1,289	13,525	−12,687	1,276	182	1,094	4,573	3,109	1,464	162,843	269,702	14
11,435		612	1,230	−315				(*)	(*)		12,961	16,510	15
1,663		438	2,092	−1,904	102	96	6	90	42	48	2,480	34,953	16
2,699	1,125	198	821	−512	21	2	19	32	5	27	4,384	11,326	17
45,271		2,132	1,391	−10,109	493	493		462	10	453	39,640	51,795	18
5,227		247	680	−398	126	97	29	288	46	241	6,169	11,270	19
808	14	472	2,776	−3,541	36	29	8	103	72	31	668	43,357	20
		(*)	13	−49	8	5	2				−29	629	21
11,795	995	306	303	−761	74	15	59	79	55	24	12,791	13,428	22
634	7,236	48	325	−623	151	38	113	919	550	369	8,690	9,803	23
8,631		1,230	4,280	−5,630	173	51	122	1,717	753	964	10,401	59,231	24
281		276	228	−34	65	44	21	146	54	92	962	18,878	25
15,274		906	1,367	−601	643	255	388	5,142	3,000	2,142	22,731	48,972	26
1,969	898	1,721	12,522	−8,513	2,456	1,903	553	1,423	445	979	12,477	105,776	27
		655	3,916	−756	67	63	4	3	3	1	3,886	35,523	28
27,076		835	2,592	−2,266	491	321	170	1,514	308	1,206	30,241	43,607	29
337		169	267	−16	7	1	6	172	145	27	936	8,667	30
69,093		1,996	7,528	−20,089	4,743	6,170	−1,427	5,818	2,937	2,881	69,090	212,018	31
9,320	64	978	2,782	−4,210	606	485	122	895	189	706	10,436	53,353	32
		35	297	−379	2	1	1				−45	2,041	33
10,263		497	261	−3,800	39	25	14	46		46	7,306	8,324	34
1,197		311	815	−760	22	11	12	448	117	331	2,033	12,880	35
1,657		699	1,215	−2,129	111	46	65	130	54	76	1,683	34,748	36
8	20	1,071	3,274	−12,691	230	185	45	33	6	27	−8,056	87,797	37
50	135	1,610	3,619	−6,748	382	209	173	28	2	27	−925	58,316	38
	10	21	174	−70	90	90		35	33	1	259	11,291	39
451	4,423	358	2,433	−611	1,411	968	443				8,466	39,862	40
901		267	1,125	−902	159	117	42	231	177	53	1,780	23,721	41
2,936	2,634	748	2,344	−3,388	642	480	162	244	132	112	6,161	40,588	42
773	2,117	132	3,269	−1,621	1,114	1,079	36	172		172	5,957	15,064	43
89	11,399	129	1,679	−1,385	32	28	5	119	28	91	12,062	15,255	44
	13,375	646	9,509	−1,778	229	159	70	509		509	22,489	28,986	45
	4,361	98	710	−381	193	147	47	4	2	2	4,985	7,719	46
368	13,832	488	2,421	−2,668	160	125	35	85	53	32	14,686	23,013	47
136	8,901	194	3,888	−2,367	131	103	28	38	36	2	10,920	13,152	48
	8,689	472	4,338	−3,432	468	362	106	75		75	10,611	25,839	49
331	35	198	280	−7	307	146	162	54	28	26	1,197	16,026	50
1,144	22,095	916	9,308	−3,271	1,688	1,078	609	525	319	206	32,403	36,498	51
722	4,438	256	2,051	−395	147	87	60	380	289	92	7,599	15,584	52
157	8,140	807	4,690	−2,226	1,251	847	404	175	68	107	12,993	29,180	53
8,645	1,890	−42	1,093	−1,260	52	46	6	112	46	67	10,490	12,565	54
1,664	152	329	651	−1,104	103	77	26	251	190	61	2,046	11,933	55
9,904	21,686	1,917	4,112	−9,127	10,444	9,037	1,407	384	261	123	39,321	48,176	56
1,104	87	958	5,558	−5,137	1,657	1,219	437	86	35	52	4,313	30,177	57
2,966	2,323	309	1,389	−1,484	365	168	196	222	26	196	6,089	11,534	58
51,502	33,549	1,283	12,245	−28,981	1,626	1,252	375	3,059	864	2,196	74,283	116,176	59
310	7,617	2,348	16,725	−3,534	18,509	17,370	1,139	10		10	41,986	54,326	60
8,176	11,346	334	1,774	−2,336	4,678	4,444	234	494	39	454	24,466	27,810	61
2,809	7,115	454	3,416	−2,767	1,259	871	389	1,222	82	1,140	13,509	20,932	62
3,347	7,569	531	2,908	−3,533	1,318	605	713	1,215	524	691	13,354	20,186	63
18,890	2,717	1,270	2,520	−6,923	173	93	81	1,206	746	460	19,851	26,997	64
49,894	2,754	810	17,826	−1,524	5,686	4,646	1,041	5,558	3,484	2,074	81,004	199,899	65
32,943	4,900		1,372		1,921	818	1,103	2,316	1,106	1,210	43,452	85,154	66
564			5	−5							564	862	67
70,923			610	−5,336	3,360	1,598	1,762	6,836	3,836	3,000	76,392	234,230	68
333,424	36,284	2,856	24,186	8,551	3,582	2,648	934	4,853	1,727	3,126	413,737	606,807	69
97,943			3,118	−715	517	11	506	4,878	249	4,629	105,740	208,060	70
284,767	10,903		7,986		1,047	397	650	4,842	575	4,266	309,544	458,352	71
51,583			35		855	578	278	852	−480	1,332	53,324	71,115	72
25,315			4,896	−539	13,494	5,889	7,604	9,420	3,386	6,035	52,586	292,909	73
105,840			124		270	174	96	−3,109	−4,070	961	103,126	137,978	74
34,910		2	4	−19	121	71	49	971	205	766	35,989	63,305	75
28,676		961	1,003	−31	297	192	105	237	203	34	31,143	44,875	76
261,041			94		4,648	434	4,215	1,500	−1,034	2,534	267,284	279,253	77
4,269			90		222	181	41	694	62	631	5,275	22,221	78
6,044			1		112	71	41	117	68	49	6,274	7,912	79
15,253	139	1,993	396	−45,375	7,437	6,600	837	23	19	3	−20,134		80
6,794	−14,717	1,262	2,586	−705	−196	−67	−129	1,142	242	901	−3,834	2,685	81
					106,109	74,812	31,297	201,638	110,958	90,681	307,748	307,748	82
−14,433			106,530	−39,195	−422	−26	−396				52,479	52,479	83
7,042											7,042	7,042	84
		−28,556									−28,556	−28,556	85
													I
											3,056,099		VA
1,915,206	**494,897**	**24,007**	**377,105**	**−343,209**	**242,208**	**167,456**	**74,753**	**345,885**	**151,383**	**194,503**		**5,836,396**	**T**

Table 2.—The Make of Commodities

[Millions of dollars

Industry number	For the distribution of industries producing a commodity, read the column for that commodity For the distribution of commodities produced by an industry, read the row for that industry Commodity number	Livestock and livestock products	Other agricultural products	Forestry and fishery products	Agricultural, forestry, and fishery services	Iron and ferroalloy ores mining	Nonferrous metal ores mining	Coal mining	Crude petroleum and natural gas	Stone and clay mining and quarrying	Chemical and fertilizer mineral mining
		1	2	3	4	5	6	7	8	9	10
1	Livestock and livestock products	76,979		119	677						
2	Other agricultural products		95,196	884	1,110						
3	Forestry and fishery products			5,480							
4	Agricultural, forestry, and fishery services				11,217						
5	Iron and ferroalloy ores mining					3,625	16			(*)	1
6	Nonferrous metal ores mining					173	4,477	5	(*)	6	15
7	Coal mining						12	26,135		19	
8	Crude petroleum and natural gas							3	147,196	1	
9	Stone and clay mining and quarrying					8	2	5	3	6,059	
10	Chemical and fertilizer mineral mining						1			8	2,609
11	New construction										
12	Repair and maintenance construction										
13	Ordnance and accessories										
14	Food and kindred products	8									
15	Tobacco manufactures										
16	Broad and narrow fabrics, yarn and thread mills										
17	Miscellaneous textile goods and floor coverings										
18	Apparel										
19	Miscellaneous fabricated textile products										
20	Lumber and wood products, except containers										
21	Wood containers										
22	Household furniture										
23	Other furniture and fixtures										
24	Paper and allied products, except containers										
25	Paperboard containers and boxes										
26	Printing and publishing										
27	Chemicals and selected chemical products								68		48
28	Plastics and synthetic materials										
29	Drugs, cleaning and toilet preparations									2	
30	Paints and allied products										
31	Petroleum refining and related industries									34	
32	Rubber and miscellaneous plastics products									3	
33	Leather tanning and finishing										
34	Footwear and other leather products										
35	Glass and glass products										
36	Stone and clay products									238	(*)
37	Primary iron and steel manufacturing									11	
38	Primary nonferrous metals manufacturing						(*)				
39	Metal containers										
40	Heating, plumbing, and fabricated structural metal products										
41	Screw machine products and stampings										
42	Other fabricated metal products										
43	Engines and turbines										
44	Farm and garden machinery										
45	Construction and mining machinery										
46	Materials handling machinery and equipment										
47	Metalworking machinery and equipment										
48	Special industry machinery and equipment										
49	General industrial machinery equipment										
50	Miscellaneous machinery, except electrical										
51	Office, computing, and accounting machines										
52	Service industry machines										
53	Electric industrial equipment and apparatus										
54	Household appliances										
55	Electric lighting and wiring equipment										
56	Radio, TV, and communication equipment										
57	Electronic components and accessories										
58	Miscellaneous electrical machinery and supplies										
59	Motor vehicles and equipment										
60	Aircraft and parts										
61	Other transportation equipment										
62	Scientific and controlling instruments										
63	Optical, ophthalmic, and photographic equipment										
64	Miscellaneous manufacturing										
65	Transportation and warehousing				59						
66	Communications, except radio and TV										
67	Radio and television broadcasting										
68	Private electric, gas, water, and sanitary services								243		
69	Wholesale and retail trade										
70	Finance and insurance										
71	Real estate and rental										
72	Hotels; personal and repair services (except auto)										
73	Business services										
74	Eating and drinking places										
75	Automobile repair and services										
76	Amusements										
77	Health, educational, and social services and nonprofit organizations										
78	Federal Government enterprises										
79	State and local government enterprises										
82	Government industry										
83	Rest of the world industry										
84	Household industry										
85	Inventory valuation adjustment										
T	**Total commodity output**	**76,987**	**95,196**	**6,483**	**13,063**	**3,806**	**4,508**	**26,149**	**147,511**	**6,378**	**2,672**

* Less than $500,000.

by Industries, 1981

at producers' prices]

New construction	Repair and maintenance construction	Ordnance and accessories	Food and kindred products	Tobacco manufactures	Broad and narrow fabrics, yarn and thread mill	Miscellaneous textile goods and floor coverings	Apparel	Miscellaneous fabricated textile products	Lumber and wood products, except containers	Wood containers	Household furniture	Other furniture and fixtures	Paper and allied products, except containers	Paperboard containers and boxes	Printing and publishing	Chemicals and selected chemical products	Industry number
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	
			2,857														1
			619						106								2
																	3
																	4
																	5
																	6
																	7
																107	8
			(*)													1	9
																1,329	10
290,427																	11
	118,665																12
		13,408															13
			265,352			(*)	15	1	6	(*)	1	2	49	14	12	482	14
				16,466									4				15
					34,265	214	367	1,421			12	3	76		16		16
					149	10,272	22	43	40		(*)	49	49		14	7	17
					166	43	51,161	181					13				18
			5		143	21	55	9,080	5		8	2	43	1	15		19
			(*)		3	1		1	42,616	93	36	60	66	7	(*)	58	20
									44	522	1	(*)	3	2			21
					1	9		30	55	(*)	13,090	31	5				22
		7				161		7	45	1	37	9,297	7		4	2	23
			(*)	41	4	156		74	111			1	57,673	102	323	336	24
						1			4	1			74	18,445	43		25
				3		37		10	12			14	455	67	47,964	7	26
		7	371					4	1			1	102		49	79,715	27
			14		142	210		99					4			2,123	28
			401				24	24	16				15		5	1,906	29
			2			2							1			150	30
					3				1				13	3		16,526	31
		25	45		49	132	50	49	13	2	51	9	120	33	41	440	32
			2				2	3									33
					1		30	41	26			(*)	4		5		34
							2	4	3		4			10	2		35
					5	23		6	36				68		(*)	96	36
		36					1		49			(*)	9	10	8	392	37
		3							4		3	2	27			470	38
			10										7	76	194	14	39
		29						8	31	4	13	22	14		1	135	40
		37						19	3		6	8	2	26	1	4	41
		27	1		5			6	26	1	18	32	90	47	53	20	42
		21										4					43
									12	2	4	3		8		29	44
		8									12					61	45
		19						1			1	7			(*)		46
		51					1				1	3	2	3	8	25	47
		4			4		2	1	30	(*)		3	4			39	48
		5			3	1		6			7	5				32	49
		3						3	1		1	(*)	1			13	50
		12						6			1	35	18		47	25	51
		7	16					5				6		4		69	52
						1						3	10		1	25	53
		14				10			4		12	48	12			5	54
		19			4	18		7	4		1	3	13		10	8	55
		382									25	1	3		13	10	56
		32				8			4	2	9		10		1	23	57
																37	58
		17					20	32	2			94	47			3	59
		473										17			22		60
		43					6	10	14			20		19			61
		25	7		2	2	8	4	5		2	13	40		4	100	62
		2										2	43		22	178	63
		11	(*)		4	3	32	86	30		76	6	34	4	94	302	64
																	65
																	66
																	67
																397	68
																	69
																	70
																	71
																	72
																	73
																	74
																	75
																	76
																	77
																77	78
																	79
																	82
																	83
																	84
																	85
290,427	118,665	14,725	269,702	16,510	34,953	11,326	51,795	11,270	43,357	629	13,428	9,803	59,231	18,878	48,972	105,776	T

Table 2.—The Make of Commodities by

[Millions of dollars

Industry number	For the distribution of industries producing a commodity, read the column for that commodity For the distribution of commodities produced by an industry, read the row for that industry Commodity number	Plastics and synthetic materials	Drugs, cleaning and toilet preparations	Paints and allied products	Petroleum refining and related industries	Rubber and miscellaneous plastics products	Leather tanning and finishing	Footwear and other leather products	Glass and glass products	Stone and clay products
		28	29	30	31	32	33	34	35	36
1	Livestock and livestock products									
2	Other agricultural products									
3	Forestry and fishery products									
4	Agricultural, forestry, and fishery services									
5	Iron and ferroalloy ores mining									
6	Nonferrous metal ores mining									
7	Coal mining									
8	Crude petroleum and natural gas				6,182					
9	Stone and clay mining and quarrying				68					223
10	Chemical and fertilizer mineral mining									146
11	New construction									
12	Repair and maintenance construction									
13	Ordnance and accessories					3				
14	Food and kindred products	8	276		1	76				
15	Tobacco manufactures									
16	Broad and narrow fabrics, yarn and thread mills	1,608	(*)		5	65		2	4	71
17	Miscellaneous textile goods and floor coverings	89	8	3	2	87	(*)	(*)		
18	Apparel	3				7	(*)	38		
19	Miscellaneous fabricated textile products	1	3			17		3		1
20	Lumber and wood products, except containers		9	1	11	75			10	10
21	Wood containers					2		(*)		
22	Household furniture					28		3	72	
23	Other furniture and fixtures	7				135		2		2
24	Paper and allied products, except containers	42	15	6	8	486				39
25	Paperboard containers and boxes					153		3	19	
26	Printing and publishing					29		5	1	
27	Chemicals and selected chemical products	4,894	1,211	129	1,742	60	6			134
28	Plastics and synthetic materials	27,506	72	34		454				15
29	Drugs, cleaning and toilet preparations	280	41,453	55	133	47				19
30	Paints and allied products	225	8	8,338	4	6				11
31	Petroleum refining and related industries	215	104	13	203,584	24		1	3	99
32	Rubber and miscellaneous plastics products	396	65	13	9	50,237	2	54	7	159
33	Leather tanning and finishing				1	2	2,032	7		
34	Footwear and other leather products		1	3		26	1	8,171		6
35	Glass and glass products	34		3		24			12,413	5
36	Stone and clay products	99	12	11	121	95		(*)	60	33,343
37	Primary iron and steel manufacturing					5				15
38	Primary nonferrous metals manufacturing		5		1	101			126	63
39	Metal containers					20			5	
40	Heating, plumbing, and fabricated structural metal products			3	3	78			67	30
41	Screw machine products and stampings	36				47			1	9
42	Other fabricated metal products	18	10	20	1	148	(*)	2	2	29
43	Engines and turbines					7				
44	Farm and garden machinery					5				
45	Construction and mining machinery					22				5
46	Materials handling machinery and equipment					1				
47	Metalworking machinery and equipment	7	21		2	34				6
48	Special industry machinery and equipment		4	2		12				19
49	General industrial machinery equipment	4	2	2		64			12	4
50	Miscellaneous machinery, except electrical					4				13
51	Office, computing, and accounting machines					42		1		
52	Service industry machines		13			9			(*)	5
53	Electric industrial equipment and apparatus					46			6	38
54	Household appliances		13			27			1	
55	Electric lighting and wiring equipment				1	13		1	12	11
56	Radio, TV, and communication equipment	12				33				18
57	Electronic components and accessories					40				15
58	Miscellaneous electrical machinery and supplies		3			13		5	(*)	4
59	Motor vehicles and equipment		9	22	10	7				59
60	Aircraft and parts				9	101				21
61	Other transportation equipment					5			(*)	
62	Scientific and controlling instruments		208			34		5	60	
63	Optical, ophthalmic, and photographic equipment	39	10	5		97			(*)	11
64	Miscellaneous manufacturing		74	4	2	200	(*)	21	1	67
65	Transportation and warehousing									
66	Communications, except radio and TV									
67	Radio and television broadcasting									
68	Private electric, gas, water, and sanitary services				121					
69	Wholesale and retail trade									
70	Finance and insurance									
71	Real estate and rental									
72	Hotels; personal and repair services (except auto)									
73	Business services									
74	Eating and drinking places									
75	Automobile repair and services									
76	Amusements									
77	Health, educational, and social services and nonprofit organizations									
78	Federal Government enterprises									
79	State and local government enterprises									26
82	Government industry									
83	Rest of the world industry									
84	Household industry									
85	Inventory valuation adjustment									
T	**Total commodity output**	**35,523**	**43,607**	**8,667**	**212,018**	**53,353**	**2,041**	**8,324**	**12,880**	**34,748**

* Less than $500,000.

Industries, 1981—Continued

at producers' prices]

Primary iron and steel manufacturing	Primary nonferrous metals manufacturing	Metal containers	Heating, plumbing, and fabricated structural metal products	Screw machine products and stampings	Other fabricated metal products	Engines and turbines	Farm and garden machinery	Construction and mining machinery	Materials handling machinery and equipment	Metalworking machinery and equipment	Special industry machinery and equipment	General industrial machinery and equipment	Miscellaneous machinery, except electrical	Office, computing, and accounting machines	Service industry machines	Industry number
37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	
																1
																2
																3
																4
																5
																6
																7
													27			8
																9
																10
																11
																12
27	3	1	110	27	26	43		2	1	45	42	8	19		1	13
		25	9	31	5		2				15				8	14
		27														15
					4						30					16
	3				3						13	3			3	17
			1								1			(*)		18
	1		1	1	11		2		(*)	3	1		(*)			19
1	5		113	5	101		3		2	9	3	2	2			20
					1				1							21
12	14		26	7	31		8			8				29		22
5			49	8	19		3		12	3	5	7	6	16	7	23
			10		204						20	10		193		24
		15		16	32				15	2	1					25
7		14	10		92					10	16		2	48		26
6	50		16	20	153		34		4	14	130	17		6	9	27
					17					11						28
					21						8	24			1	29
			1													30
		72						1		5		7				31
32	22	3	53	22	169		20	7	17	136	40	59	43	29	8	32
																33
			1	3	11		1			6	1					34
2			10	3	13					8		6	1			35
5			46	1	43		5	5	2	34	9	25	6	13	1	36
85,484	448		237	167	2,208		48	24	7	122	14	118	41	24		37
411	56,551	22	126	14	421		2			118	18	72	8			38
		11,013	32	20	17		3			9	1					39
75	100	10	37,113	77	226	30	45	29	84	41	38	107	63		63	40
77	57	52	112	21,985	147	29	36	18	17	374	16	71	20	14	25	41
262	88	9	147	118	34,454	34	44	65	42	226	91	192	110	17	32	42
9	2		143	12	31	13,213	3	16		47	29	121	14	21	19	43
138	(*)		82	22	43	63	14,384	373	23	14	40	57	7		7	44
231			162	7	408	375	139	27,876	223	45	36	459	36		12	45
19			29	6	20	12	22	71	6,932	29	51	85	15	15	3	46
89	7		45	37	196	10	95	44	29	20,935	110	91	46	24	24	47
30	5	1	75	14	41	9	16	22	46	99	11,778	127	14	75	32	48
60	51		139	33	340	143	35	68	33	77	145	22,907	121	53	111	49
19	16	2	18	6	27	28	6	7	8	62	27	82	15,072	3	7	50
2			57	50	115				17	12	13	74	19	34,140	2	51
9	56	8	126	8	95		24	1	23	22	18	139	21	18	14,674	52
24	83		25	9	39	109		4	25	53	13	98	10	99	28	53
36	7	10	100	110	22		23				1	116	4		247	54
61	94		43	51	80				17	14	5	8	14	33	1	55
12	103		24	3	75			7	5	7	49	13	37	211	6	56
20	29		43	39	36	12		9		46	105	72	21	1,023		57
12	295		1	2	6			6	(*)	10	(*)	20	73	25	8	58
505	166	4	137	650	169	185	97	119	67	181	28	98	60	50	141	59
84	12		131	65	167	626	39	94	47	63	130	306	22	102	77	60
23			184	13	52	126	114	100	8	57	13	93	12		11	61
2	27		46	15	95			9	16	20	12	84	18	64	13	62
	1	4	5	11	8	18		10		14	25	49	28	148	1	63
7	21	1	27	32	100		6	1		24	9	15	18	7	1	64
																65
																66
																67
																68
																69
																70
																71
																72
																73
																74
																75
																76
																77
																78
																79
																82
																83
																84
																85
87,797	**58,316**	**11,291**	**39,862**	**23,721**	**40,588**	**15,064**	**15,255**	**28,986**	**7,719**	**23,013**	**13,152**	**25,839**	**16,026**	**36,498**	**15,584**	**T**

Table 2.—The Make of Commodities

[Millions of dollars

Industry number	For the distribution of industries producing a commodity, read the column for that commodity For the distribution of commodities produced by an industry, read the row for that industry	Electric industrial equipment and apparatus	Household appliances	Electric lighting and wiring equipment	Radio, TV, and communication equipment	Electronic components and accessories	Miscellaneous electrical machinery and supplies	Motor vehicles and equipment	Aircraft and parts	Other transportation equipment
	Commodity number	53	54	55	56	57	58	59	60	61
1	Livestock and livestock products									
2	Other agricultural products									
3	Forestry and fishery products									
4	Agricultural, forestry, and fishery services									
5	Iron and ferroalloy ores mining									
6	Nonferrous metal ores mining									
7	Coal mining									
8	Crude petroleum and natural gas									
9	Stone and clay mining and quarrying									
10	Chemical and fertilizer mineral mining									
11	New construction									
12	Repair and maintenance construction									
13	Ordnance and accessories	26	1	1	602	9	1	67	611	104
14	Food and kindred products		6							
15	Tobacco manufactures									
16	Broad and narrow fabrics, yarn and thread mills									
17	Miscellaneous textile goods and floor coverings	1				6		3		
18	Apparel					3				
19	Miscellaneous fabricated textile products			(*)				5	1	1
20	Lumber and wood products, except containers		1	1	20	2		20		11
21	Wood containers									
22	Household furniture		44	5	5	16		7		
23	Other furniture and fixtures		3	3	7		5	7	10	3
24	Paper and allied products, except containers	3		4	1	216	4	13		
25	Paperboard containers and boxes									
26	Printing and publishing				16					
27	Chemicals and selected chemical products	3			10	93	92		9	2
28	Plastics and synthetic materials									
29	Drugs, cleaning and toilet preparations		6		11		56			
30	Paints and allied products	1								
31	Petroleum refining and related industries									
32	Rubber and miscellaneous plastics products	13	16	25	12	42	11	73	35	22
33	Leather tanning and finishing							2		
34	Footwear and other leather products							1	1	
35	Glass and glass products	6	6	8	8			16		
36	Stone and clay products	15		35	22	20	3	6	11	4
37	Primary iron and steel manufacturing	22		113		24		222		4
38	Primary nonferrous metals manufacturing	75	3	27	18	24	90	234	11	5
39	Metal containers			1				8		
40	Heating, plumbing, and fabricated structural metal products	58	46	20	26	5	21	71	51	38
41	Screw machine products and stampings	50	152	24		25	22	53	11	17
42	Other fabricated metal products	90	21	34	23	30	19	46	26	17
43	Engines and turbines	671	7		21			198	53	5
44	Farm and garden machinery	3	14	7	11		4	30	16	57
45	Construction and mining machinery	62			43			135	3	29
46	Materials handling machinery and equipment	10			7		1	64	5	15
47	Metalworking machinery and equipment	45	6	9	13	27	1	50	25	3
48	Special industry machinery and equipment	8	5	2	5	5	2	21	1	20
49	General industrial machinery equipment	80	50	24	10	52	4	152	22	21
50	Miscellaneous machinery, except electrical	8	4	4	5	7	15	185	19	2
51	Office, computing, and accounting machines	98	9	27	99	1,257	40		47	23
52	Service industry machines	19	255	11	12	7	29	603		1
53	Electric industrial equipment and apparatus	26,466	21	170	215	462	32	45	8	11
54	Household appliances	88	11,754	11	40		24	50	15	
55	Electric lighting and wiring equipment	144		10,829	123	147	39	118		7
56	Radio, TV, and communication equipment	205	8	50	45,715	743	8	99	49	5
57	Electronic components and accessories	102	9	133	329	26,580	73	28	33	
58	Miscellaneous electrical machinery and supplies	129	1	46	36	45	10,622	275	20	
59	Motor vehicles and equipment	235	77	83	3		254	112,959	73	69
60	Aircraft and parts	81		39	351	94		99	53,049	126
61	Other transportation equipment	212	(*)	2	9	18		130	43	27,150
62	Scientific and controlling instruments	135	29	62	183	110	37	67	29	13
63	Optical, ophthalmic, and photographic equipment	17	8	108	122	92	22	11	30	
64	Miscellaneous manufacturing	1	5	16	46	19	5	4	9	26
65	Transportation and warehousing									
66	Communications, except radio and TV									
67	Radio and television broadcasting									
68	Private electric, gas, water, and sanitary services									
69	Wholesale and retail trade									
70	Finance and insurance									
71	Real estate and rental									
72	Hotels; personal and repair services (except auto)									
73	Business services									
74	Eating and drinking places									
75	Automobile repair and services									
76	Amusements									
77	Health, educational, and social services and nonprofit organizations									
78	Federal Government enterprises									
79	State and local government enterprises									
82	Government industry									
83	Rest of the world industry									
84	Household industry									
85	Inventory valuation adjustment									
T	**Total commodity output**	**29,180**	**12,565**	**11,933**	**48,176**	**30,177**	**11,534**	**116,176**	**54,326**	**27,810**

* Less than $500,000.

by Industries, 1981—Continued

at producers' prices]

Scientific and controlling instruments	Optical, ophthalmic, and photographic equipment	Miscellaneous manufacturing	Transportation and warehousing	Communications, except radio and TV	Radio and TV broadcasting	Private electric, gas, water, and sanitary services	Wholesale and retail trade	Finance and insurance	Real estate and rental	Hotels; personal and repair services (exc. auto)	Business services	Eating and drinking places	Automobile repair and services	Amusements	Health, educational, and social services and nonprofit organizations	Industry number
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	
														77		1
			28											91		2
																3
																4
																5
																6
																7
						5,863										8
																9
																10
																11
																12
8	11	18														13
		25									2					14
		(*)														15
41		13														16
5		7														17
25		48									1					18
9		31									1					19
15		17									(*)					20
																21
16	9	21									3					22
40	7	20									1					23
54	106	209									13					24
		(*)									33					25
11	31	82									28,968					26
92	312	47														27
9	22															28
133		79									2					29
	2	4														30
		2														31
56	14	107									2					32
		3														33
3	1	17									1					34
16		10									1					35
22	8	20														36
	16	1				105										37
12		18														38
																39
41		23									2					40
18	3	41									2					41
228		51									3					42
28																43
8		5														44
54		12														45
8																46
53	1	22									(*)					47
33	4	4														48
50	9	8														49
6	5	2														50
208	111	49									7					51
31		17														52
204	31	1									2					53
24		18														54
23	11	12									2					55
153	72	15														56
75	44	45														57
20	10	7														58
67	5	33														59
152	2	51														60
15		11														61
18,633	200	54									1					62
161	19,133	29														63
76	5	25,690									1,078					64
			194,554			1,625					1		1			65
				85,154												66
					862						12,869					67
						201,575										68
							604,746									69
								207,960			1,912					70
									453,207							71
									444	71,086	84					72
									1,273	29	246,956					73
												135,110				74
													62,922			75
											588			44,356		76
											378				279,253	77
			61			4,739	1,534	48	199			2,868		65		78
			5,256			20,324	527	51	3,230				382	287		79
																82
																83
																84
																85
20,932	20,186	26,997	199,899	85,154	862	234,230	606,807	208,060	458,352	71,115	292,909	137,978	63,305	44,875	279,253	T

Table 2.—The Make Commodities by Industries, 1981—Continued

[Millions of dollars at producers' prices]

Industry number	For the distribution of industries producing a commodity, read the column for that commodity For the distribution of commodities produced by an industry, read the row for that industry Commodity number	Federal Government enterprises 78	State and local government enterprises 79	Scrap and used goods 81	Government industry 82	Rest of the world industry 83	Household industry 84	Inventory valuation adjustment 85	Total industry output
1	Livestock and livestock products								80,708
2	Other agricultural products								98,034
3	Forestry and fishery products								5,480
4	Agricultural, forestry, and fishery services								11,217
5	Iron and ferroalloy ores mining								3,643
6	Nonferrous metal ores mining								4,675
7	Coal mining								26,166
8	Crude petroleum and natural gas								159,378
9	Stone and clay mining and quarrying								6,371
10	Chemical and fertilizer mineral mining								4,092
11	New construction								290,427
12	Repair and maintenance construction								118,665
13	Ordnance and accessories			105					15,331
14	Food and kindred products								266,429
15	Tobacco manufactures			1					16,498
16	Broad and narrow fabrics, yarn and thread mills								38,218
17	Miscellaneous textile goods and floor coverings								10,881
18	Apparel								51,690
19	Miscellaneous fabricated textile products								9,469
20	Lumber and wood products, except containers			5					43,396
21	Wood containers			(*)					576
22	Household furniture			(*)					13,583
23	Other furniture and fixtures			4					9,961
24	Paper and allied products, except containers			4					60,480
25	Paperboard containers and boxes			(*)					18,855
26	Printing and publishing			17					77,926
27	Chemicals and selected chemical products			4					89,661
28	Plastics and synthetic materials			3					30,735
29	Drugs, cleaning and toilet preparations			1					44,722
30	Paints and allied products			(*)					8,754
31	Petroleum refining and related industries			6					220,714
32	Rubber and miscellaneous plastics products								53,086
33	Leather tanning and finishing								2,053
34	Footwear and other leather products								8,363
35	Glass and glass products								12,618
36	Stone and clay products								34,571
37	Primary iron and steel manufacturing			16					89,999
38	Primary nonferrous metals manufacturing			19					59,103
39	Metal containers			(*)					11,429
40	Heating, plumbing, and fabricated structural metal products			48					38,989
41	Screw machine products and stampings			(*)					23,666
42	Other fabricated metal products			26					37,096
43	Engines and turbines			240					14,934
44	Farm and garden machinery			1					15,471
45	Construction and mining machinery			487					30,941
46	Materials handling machinery and equipment			72					7,520
47	Metalworking machinery and equipment			43					22,240
48	Special industry machinery and equipment			126					12,743
49	General industrial machinery equipment			28					24,968
50	Miscellaneous machinery, except electrical			7					15,697
51	Office, computing, and accounting machines			158					36,817
52	Service industry machines			14					16,372
53	Electric industrial equipment and apparatus			38					28,453
54	Household appliances			3					12,848
55	Electric lighting and wiring equipment			(*)					12,000
56	Radio, TV, and communication equipment			333					48,502
57	Electronic components and accessories			31					29,081
58	Miscellaneous electrical machinery and supplies			4					11,736
59	Motor vehicles and equipment			17					116,852
60	Aircraft and parts			58					56,708
61	Other transportation equipment			15					28,527
62	Scientific and controlling instruments			229					20,718
63	Optical, ophthalmic, and photographic equipment			96					20,559
64	Miscellaneous manufacturing			20					28,317
65	Transportation and warehousing			404					196,645
66	Communications, except radio and TV								85,154
67	Radio and television broadcasting								13,731
68	Private electric, gas, water, and sanitary services		89						202,425
69	Wholesale and retail trade								604,746
70	Finance and insurance								209,872
71	Real estate and rental								453,207
72	Hotels; personal and repair services (except auto)								71,614
73	Business services								248,258
74	Eating and drinking places								135,110
75	Automobile repair and services								62,922
76	Amusements								44,943
77	Health, educational, and social services and nonprofit organizations								279,631
78	Federal Government enterprises	22,221							31,812
79	State and local government enterprises		7,823						37,905
82	Government industry				307,748				307,748
83	Rest of the world industry					52,479			52,479
84	Household industry						7,042		7,042
85	Inventory valuation adjustment							−28,556	−28,556
T	**Total commodity output**	**22,221**	**7,912**	**2,685**	**307,748**	**52,479**	**7,042**	**−28,556**	**5,836,396**

* Less than $500,000.

State Quarterly Personal Income, 1983:I–1986:III

Table 1.—Total Personal Income, States and Regions

[Millions of dollars, seasonally adjusted at annual rates]

State and region	1983				1984				1985				1986			Percent change	
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I r	II r	III p	1986:II–1986:III	1985:III–1986:III
United States [1]	**2,747,018**	**2,807,173**	**2,841,157**	**2,937,388**	**3,024,888**	**3,067,203**	**3,130,640**	**3,182,876**	**3,247,811**	**3,294,856**	**3,319,861**	**3,379,652**	**3,430,035**	**3,479,574**	**3,497,088**	**0.5**	**5.3**
New England	**162,671**	**166,552**	**169,600**	**175,547**	**179,757**	**184,143**	**188,847**	**192,861**	**196,717**	**199,824**	**202,207**	**207,171**	**210,495**	**214,322**	**216,677**	**1.1**	**7.2**
Connecticut	46,551	47,293	48,264	50,074	50,909	52,423	54,006	55,099	56,047	56,943	57,633	59,007	59,769	60,938	61,883	1.6	7.4
Maine	11,369	11,702	11,885	12,236	12,609	12,888	13,082	13,340	13,641	13,714	13,790	14,193	14,434	14,792	14,896	0.7	8.0
Massachusetts	76,783	78,792	80,055	82,883	84,966	87,058	89,294	91,138	93,015	94,626	95,796	98,006	99,547	101,246	102,287	1.0	6.8
New Hampshire	11,491	11,862	12,257	12,694	13,244	13,337	13,644	14,069	14,459	14,719	15,023	15,524	15,904	16,186	16,319	0.8	8.6
Rhode Island	11,178	11,453	11,623	11,974	12,226	12,526	12,784	13,031	13,249	13,401	13,444	13,763	14,024	14,259	14,393	0.9	7.1
Vermont	5,297	5,449	5,514	5,685	5,803	5,912	6,037	6,184	6,307	6,421	6,522	6,678	6,817	6,901	6,899	0.0	5.8
Mideast	**553,684**	**564,024**	**574,366**	**589,340**	**602,440**	**615,653**	**628,183**	**639,325**	**650,709**	**660,265**	**667,511**	**680,607**	**691,326**	**700,257**	**707,617**	**1.1**	**6.0**
Delaware	7,462	7,494	7,603	7,907	8,075	8,248	8,393	8,549	8,674	8,811	8,885	9,137	9,159	9,300	9,390	1.0	5.7
District of Columbia	9,645	9,792	9,885	9,962	10,325	10,456	10,744	10,844	11,195	11,286	11,411	11,575	11,711	11,840	11,937	0.8	4.6
Maryland	56,872	57,958	59,123	60,505	62,258	63,742	65,294	66,551	68,144	69,197	69,954	71,426	72,345	73,548	74,233	0.9	6.1
New Jersey	106,924	108,817	111,026	114,765	116,362	119,649	121,944	125,023	126,742	129,308	130,212	134,354	136,025	138,066	139,708	1.2	7.3
New York	234,169	239,930	244,216	251,326	257,926	263,441	269,420	274,273	279,174	282,809	287,212	292,482	298,536	302,140	305,699	1.2	6.4
Pennsylvania	138,612	140,033	142,513	144,874	147,494	150,115	152,388	154,084	156,779	158,854	159,837	161,634	163,550	165,364	166,652	0.8	4.3
Great Lakes	**479,026**	**488,244**	**492,116**	**507,518**	**527,783**	**533,445**	**542,256**	**550,268**	**558,149**	**565,448**	**567,772**	**576,790**	**584,238**	**592,807**	**593,485**	**0.1**	**4.5**
Illinois	144,998	146,730	146,179	150,954	157,854	159,484	162,429	164,704	166,799	169,561	170,458	173,178	174,364	178,797	178,477	−0.2	4.7
Indiana	57,998	58,602	58,394	60,705	64,358	64,611	65,514	66,450	67,461	68,473	68,363	69,474	70,360	71,975	71,400	−0.8	4.4
Michigan	103,336	105,811	107,981	111,306	114,850	116,550	118,504	120,741	121,891	122,828	124,182	125,791	128,459	128,863	129,659	0.6	4.4
Ohio	119,676	122,625	124,287	127,854	131,612	133,291	135,488	137,363	140,134	141,769	141,940	144,597	146,307	147,355	148,268	0.6	4.5
Wisconsin	53,018	54,477	55,276	56,699	59,109	59,509	60,322	61,010	61,863	62,818	62,829	63,750	64,749	65,816	65,680	−0.2	4.5
Plains	**194,361**	**200,150**	**198,229**	**207,482**	**219,391**	**216,210**	**220,541**	**226,024**	**229,859**	**234,939**	**231,896**	**236,206**	**236,944**	**246,445**	**240,526**	**−2.4**	**3.7**
Iowa	31,185	32,046	30,886	32,172	36,281	34,306	34,617	35,163	35,872	37,535	35,711	36,142	36,237	38,392	36,337	−5.4	1.8
Kansas	28,452	29,240	29,454	30,836	31,450	31,243	31,794	32,971	33,241	33,620	33,680	34,478	34,229	35,212	34,957	−0.7	3.8
Minnesota	48,291	49,869	49,729	51,789	54,826	54,743	56,045	57,300	58,139	59,341	59,026	59,767	60,651	62,841	62,093	−1.2	5.2
Missouri	55,847	56,555	56,567	58,610	61,017	61,620	62,919	63,853	65,372	66,311	66,905	67,832	68,902	69,649	70,102	0.7	4.8
Nebraska	17,325	18,233	17,613	18,794	20,285	19,296	19,827	20,257	21,050	22,085	20,765	21,393	21,242	23,085	21,163	−8.3	1.9
North Dakota	6,736	7,327	7,365	8,122	7,852	7,626	7,794	8,663	8,353	8,006	8,033	8,627	7,885	8,759	7,985	−8.8	−0.6
South Dakota	6,525	6,880	6,615	7,159	7,680	7,377	7,545	7,818	7,831	8,041	7,776	7,967	7,797	8,507	7,889	−7.3	1.5
Southeast	**558,982**	**571,754**	**578,527**	**599,527**	**618,019**	**627,512**	**641,288**	**650,583**	**664,888**	**674,153**	**680,721**	**692,118**	**706,085**	**713,124**	**720,310**	**1.0**	**5.8**
Alabama	35,931	36,684	36,921	38,383	39,464	39,831	40,637	41,069	42,258	42,676	42,970	43,748	44,891	44,771	45,036	0.6	4.8
Arkansas	20,831	21,180	20,919	21,991	23,383	23,024	23,341	23,804	24,945	24,481	24,463	24,940	25,886	25,876	25,979	0.4	6.2
Florida	124,457	128,852	131,926	136,652	139,068	142,347	146,119	148,398	152,011	155,388	157,453	159,885	162,740	165,304	167,396	1.3	6.3
Georgia	58,717	60,498	61,494	64,341	66,672	67,915	69,789	71,264	72,892	74,032	75,625	77,290	79,309	80,168	81,416	1.6	7.7
Kentucky	34,642	34,905	34,863	36,333	37,905	38,323	38,916	39,272	39,714	40,366	40,318	40,913	41,195	41,505	41,887	0.9	3.9
Louisiana	46,220	46,269	46,733	47,660	48,350	48,855	49,677	49,811	50,528	50,530	50,677	50,318	50,925	50,540	50,471	−0.1	−0.4
Mississippi	21,036	21,254	20,825	21,917	23,027	22,626	23,024	23,364	24,019	23,814	23,616	24,568	25,116	25,217	25,118	−0.4	6.4
North Carolina	58,445	59,908	60,942	63,350	65,718	67,152	68,500	69,863	70,772	72,189	73,058	74,662	75,579	76,938	77,782	1.1	6.5
South Carolina	29,175	29,987	30,450	31,421	32,670	33,087	33,723	34,143	34,700	35,129	35,649	36,261	36,963	37,466	38,215	2.0	7.2
Tennessee	44,553	45,265	45,286	47,093	48,777	49,688	50,605	51,436	52,404	53,303	53,626	54,827	55,898	56,546	57,555	1.8	7.3
Virginia	67,198	68,923	70,055	71,886	74,206	75,584	77,547	78,921	81,075	82,412	83,436	84,998	87,325	88,637	89,396	0.9	7.1
West Virginia	17,777	18,029	18,115	18,500	18,781	19,079	19,409	19,237	19,572	19,835	19,830	19,707	20,258	20,156	20,060	−0.5	1.2
Southwest	**265,412**	**269,975**	**272,910**	**282,714**	**288,772**	**293,499**	**300,258**	**304,417**	**312,550**	**316,168**	**319,298**	**322,781**	**327,072**	**327,548**	**328,369**	**0.3**	**2.8**
Arizona	31,213	32,361	33,373	34,513	35,761	36,273	37,439	38,209	39,695	40,305	41,078	42,023	43,297	43,874	44,823	2.2	9.1
New Mexico	13,240	13,569	13,802	14,154	14,407	14,694	15,026	15,230	15,577	15,775	15,856	16,106	16,239	16,316	16,369	0.3	3.2
Oklahoma	36,464	36,962	36,890	38,204	38,603	38,899	39,150	39,917	40,134	40,274	40,330	40,785	40,830	40,844	40,416	−1.0	0.2
Texas	184,496	187,082	188,846	195,842	200,001	203,633	208,643	211,060	217,144	219,814	222,034	223,868	226,706	226,515	226,761	0.1	2.1
Rocky Mountain	**78,340**	**80,181**	**81,516**	**84,429**	**84,978**	**86,299**	**87,958**	**89,758**	**90,616**	**91,846**	**92,133**	**93,773**	**94,077**	**95,564**	**94,977**	**−0.6**	**3.1**
Colorado	40,285	41,082	41,957	43,211	43,934	44,683	45,602	46,280	47,021	47,782	47,985	48,649	49,163	50,038	49,923	−0.2	4.0
Idaho	9,444	9,771	9,845	10,469	10,254	10,363	10,550	10,912	11,043	11,108	11,092	11,449	11,211	11,426	11,468	0.4	3.4
Montana	8,140	8,397	8,487	8,927	8,663	8,746	8,882	9,394	9,039	8,981	8,963	9,285	8,936	9,405	8,969	−4.6	0.1
Utah	14,306	14,762	15,017	15,505	15,837	16,118	16,464	16,671	16,974	17,216	17,321	17,523	17,812	17,879	17,943	0.4	3.6
Wyoming	6,165	6,169	6,209	6,317	6,291	6,388	6,459	6,501	6,539	6,759	6,772	6,866	6,955	6,815	6,675	−2.1	−1.4
Far West	**433,637**	**444,966**	**452,286**	**468,461**	**481,260**	**487,760**	**498,405**	**506,633**	**520,835**	**528,389**	**534,065**	**545,635**	**555,529**	**565,078**	**570,450**	**1.0**	**6.8**
California	340,833	349,947	356,433	368,584	380,959	386,160	394,888	401,628	414,185	420,345	425,145	434,585	443,241	451,207	455,891	1.0	7.2
Nevada	11,155	11,430	11,578	11,957	12,221	12,462	12,725	12,981	13,253	13,452	13,637	13,896	14,073	14,379	14,643	1.8	7.4
Oregon	28,909	29,607	29,943	30,964	31,423	31,842	32,413	32,909	33,328	33,769	33,993	34,594	34,903	35,417	35,467	0.1	4.3
Washington	52,741	53,981	54,332	56,955	56,657	57,297	58,380	59,114	60,068	60,822	61,290	62,560	63,311	64,075	64,448	0.6	5.2
Alaska	8,363	8,611	8,795	8,993	9,079	9,033	9,104	9,104	9,257	9,411	9,630	9,608	9,164	9,140	9,168	0.3	−4.8
Hawaii	12,541	12,717	12,812	13,377	13,409	13,649	13,800	13,903	14,232	14,412	14,627	14,962	15,106	15,288	15,509	1.4	6.0
	Census Regions																
New England	162,671	166,552	169,600	175,547	179,757	184,143	188,847	192,861	196,717	199,824	202,207	207,171	210,495	214,322	216,677	1.1	7.2
Middle Atlantic	479,704	488,780	497,755	510,966	521,782	533,206	543,752	553,381	562,695	570,971	577,261	588,470	598,111	605,570	612,058	1.1	6.0
East North Central	479,026	488,244	492,116	507,518	527,783	533,445	542,256	550,268	558,149	565,448	567,772	576,790	584,238	592,807	593,485	0.1	4.5
West North Central	194,361	200,150	198,229	207,482	219,391	216,210	220,541	226,024	229,859	234,939	231,896	236,206	236,944	246,445	240,526	−2.4	3.7
South Atlantic	429,749	441,442	449,592	464,526	477,773	487,612	499,519	507,771	519,035	528,277	535,301	544,941	555,388	563,356	569,823	1.1	6.4
East South Central	136,162	138,108	137,894	143,726	149,172	150,468	153,181	155,141	158,394	160,158	160,531	164,056	167,101	168,039	169,596	0.9	5.6
West South Central	288,010	291,493	293,387	303,697	310,337	314,411	320,812	324,593	332,751	335,100	337,504	339,911	344,347	343,774	343,627	0.0	1.8
Mountain	133,948	137,542	140,269	145,053	147,366	149,728	153,147	156,179	159,142	161,379	162,704	165,797	167,686	170,134	170,813	0.4	5.0
Pacific	443,387	454,863	462,314	478,874	491,528	497,981	508,584	516,658	531,070	538,759	544,685	556,309	565,725	575,127	580,483	0.9	6.6

r Revised.

p Preliminary.

1. The personal income shown for the United States differs from that in the national income and product accounts primarily because it omits income received by Federal Government employees overseas.

NOTES:

—Quarterly estimates for the years 1980–82 are available from the Regional Economic Information System, BE-55, Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230.

—The quarterly estimates of state personal income were prepared by Isabelle B. Whiston, under the supervision of Robert L. Brown.

BEA Publications

Available From GPO

Survey of Current Business. Contains estimates and analyses of U.S. economic activity. Features include a review of current economic developments; articles pertaining to BEA's work on the national, regional, and international economic accounts and related topics; quarterly national income and product accounts tables; and 36 pages of tables that present over 1,900 major economic series obtained from other public and private sources. Monthly. $5.00 single copy; $25.00 per year.

Business Statistics: 1984. (1985) Provides monthly or quarterly data for 1981–84 and annual data for 1961–84 for series that appear in the SURVEY OF CURRENT BUSINESS: national income and product accounts; U.S. international transactions; plant and equipment expenditures; business sales, inventories, and orders; prices; employment and unemployment; construction; banking and finance; transportation; and many other industries and commodities. Also contains definitions of terms, sources of data, and methods of compilation. 308 pages. $13.00 (GPO Stock No. 003-010-00160-7).

Business Conditions Digest. Contains tables and charts for 300 series, including business cycle indicators and other series that help evaluate business conditions. Features the composite indexes of leading, coincident, and lagging indicators. Also included are cyclical comparison charts and data sources. Monthly. $4.00 single copy; $44.00 per year.

Handbook of Cyclical Indicators. (1984) Contains series descriptions and data for 1947–82 for all series that appear in *Business Conditions Digest.* Features the composite indexes of cyclical indicators. 195 pages. $5.50 (GPO Stock No. 003-010-00127-5).

The National Income and Product Accounts of the United States, 1929–82: Statistical Tables. (1986) Contains detailed estimates of the national income and product accounts for 1929–82 from the comprehensive revision released in 1985. Also includes definitions of the major components of the accounts and of the major sectors of the economy. 442 pages. $23.00 (GPO Stock No. 003-010-00174-7).

BEA Methodology Paper No. 1: Introduction to National Economic Accounting. (1985) Introduces the concepts of the national income and product accounts by placing these accounts within the framework of national economic accounting. Shows how the national income and product accounts, capital finance accounts, and input-output accounts—the major branches of national economic accounting in the United States—are derived from the conventional accounting statements. 19 pages. $1.00 (GPO Stock No. 003-010-00158-5).

U.S. Direct Investment Abroad: 1982 Benchmark Survey Data. (1985) Contains estimates by country and industry of foreign affiliate and by industry of U.S. parent on the financing and operations of foreign affiliates and U.S. parent companies, on the U.S. direct investment position abroad, and on balance of payments transactions between U.S. parents and their foreign affiliates. 462 pages. $18.00 (GPO Stock No. 003-010-00161-5).

1985 OBERS BEA Regional Projections. (1985) Two volumes. Contains estimates for 1969, 1973, 1978, and 1983, and projections for 1990, 1995, 2000, 2005, 2015, and 2035 for total personal income, population, per capita personal income, and employment and earnings by industry for the United States and States.

Vol. 1. State Projections to 2035. 131 pages. $4.75 (GPO Stock No. 003-010-00157-7).

Vol. 2. Metropolitan Statistical Area Projections to 2035. 356 pages. $12.00 (GPO Stock No. 003-010-159-3).

Regional Multipliers: A User Handbook for the Regional Input-Output Modeling System (RIMS II). (1986) Contains an explanation of how to use regional input-output multipliers, by industry, for output, earnings, and employment. Includes information on how to perform systematic analyses of regional economic impacts of projects and programs. Also contains multipliers from the RIMS II, sample tables of input-output multipliers, and hypothetical case studies. 131 pages. $6.50 (GPO Stock No. 003-010-00163-1).

Local Area Personal Income, 1979–84. (1986) Nine volumes. Contains personal income by type of payment and earnings by major industry, population, and total and per capita personal income for 1979–84.

Vol. 1. Summary. Contains estimates for the United States, regions, States, and metropolitan areas. Also contains county definitions of metropolitan areas, a detailed description of sources and methods, and samples of tables available. 168 pages. $8.00 (GPO Stock No. 003-010-00165-8). Each of the eight regional volumes contains a summary methodology and detailed estimates for the States, counties, and metropolitan areas in that region.

Vol. 2. New England Region. 72 pages. $3.50 (GPO Stock No. 003-010-00166-6).

Vol. 3. Mideast Region. 112 pages. $5.00 (GPO Stock No. 003-010-00167-4).

Vol. 4. Great Lakes Region. 176 pages. $8.50 (GPO Stock No. 003-010-00168-2).

Vol. 5. Plains Region. 216 pages. $10.00 (GPO Stock No. 003-010-00169-1).

Vol. 6. Southeast Region. 360 pages. $17.00 (GPO Stock No. 003-010-00170-4).

Vol. 7. Southwest Region. 148 pages. $7.00 (GPO Stock No. 003-010-00171-2).

Vol. 8. Rocky Mountain Region. 108 pages. $4.75 (GPO Stock No. 003-010-00172-1).

Vol. 9. Far West Region. 108 pages. $4.75 (GPO Stock No. 003-010-00173-9).

BEA Staff Paper No. 42: Experimental BEA Estimates of Gross State Product by Industry. (1985) Describes estimates of gross State product—the State equivalent of gross national product—by industry and presents estimates for 1963, 1967, 1972, and 1977. 108 pages. $3.75 (GPO Stock No. 003-010-00144-5).

BEA Staff Paper No. 43: The Use of National Income and Product Accounts for Public Policy: Our Successes and Failures. (1985) Uses two indirect approaches to evaluate the national income and product accounts' successes and failures as tools for public policy. First, the "accuracy" of the estimates, using the size of revisions to GNP estimates as an indicator of accuracy of earlier estimates, was reviewed. Second, users' recommendations, drawn from publications spaced over the last 30 years, were reviewed. 26 pages. $1.25 (GPO Stock No. 003-010-00162-3).

BEA Staff Paper No. 44: The BEA Quarterly Econometric Model of the U.S. Economy: 1985 Version. (1986) Contains a detailed description of the component sectors and individual equations contained in the BEA quarterly econometric model as of fall of 1985. Distinctive features of the model include a stage-of-process price sector, a monetary policy reaction function, and detailed fiscal subsectors. 87 pages. $4.50 (GPO Stock No. 003-010-00164-0).

BEA Staff Paper No. 45: Cyclical Adjustment of the Federal Budget and Federal Debt: Updated Detailed Methodology and Estimates. (1986) Describes the models that BEA uses to estimate the cyclically adjusted Federal budget and inflation-induced changes in the cyclically adjusted budget. The quarterly data for the variables in the models and the regression equations underlying the coefficients in the models are presented. Cyclical adjustment of Federal debt is also discussed. 171 pages. $8.50 (GPO Stock No. 003-010-00176-3).

TO ORDER PUBLICATIONS AVAILABLE FROM THE U.S. GOVERNMENT PRINTING OFFICE (GPO): Publications listed above must be ordered from Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. Payment may be by check (made payable to Superintendent of Documents) or charged to a GPO deposit account number, VISA, or MasterCard. To order by phone: (202) 783-3238.

U.S. GOVERNMENT PRINTING OFFICE : 1987 O - 171-530

The statistics here update series published in BUSINESS STATISTICS: 1984, a statistical supplement to the SURVEY OF CURRENT BUSINESS. That volume (available from the Superintendent of Documents for $13.00, stock no. 003-010-00160-7) provides a description of each series, references to sources of earlier figures, and historical data as follows: For all series, monthly or quarterly, 1981 through 1984, annually, 1961-84; for selected series, monthly or quarterly, 1961-84 (where available).

The sources of the series are given in BUSINESS STATISTICS: 1984; they appear in the main methodological note for each series, and are also listed alphabetically on pages 143-144. Series originating in Government agencies are not copyrighted and may be reprinted freely. Series from private sources are provided through the courtesy of the compilers, and are subject to their copyrights.

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984	Units	Annual		1985		1986											
		1984	1985	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
GENERAL BUSINESS INDICATORS																	
PERSONAL INCOME BY SOURCE †																	
Seasonally adjusted, at annual rates:																	
Total personal income	bil. $	3,110.2	3,314.5	3,372.3	3,418.0	3,417.4	3,435.3	3,445.1	3,486.8	3,481.3	3,481.9	3,490.8	3,497.9	3,507.9	r3,518.8	r3,526.6	3,554.8
Wage and salary disbursements, total	do	1,836.8	1,966.1	2,010.5	2,031.1	2,035.7	2,044.8	2,051.8	2,054.9	2,058.4	2,063.2	2,072.0	2,083.4	2,088.0	r2,102.3	r2,112.2	2,118.9
Commodity-producing industries, total	do	577.8	607.7	616.7	622.6	624.2	621.7	620.2	621.6	621.6	619.1	619.3	623.3	622.7	r629.7	r626.8	629.7
Manufacturing	do	439.1	460.1	466.5	471.4	471.0	470.0	470.5	468.9	469.7	467.8	468.1	471.1	470.7	r477.3	r473.7	476.3
Distributive industries	do	442.2	469.8	478.7	481.8	482.3	486.0	487.3	484.8	483.9	484.1	486.9	488.2	489.9	r491.5	r496.4	494.7
Service industries	do	470.6	516.4	532.9	541.7	543.8	549.9	555.3	557.7	560.3	565.8	569.6	573.4	574.9	r578.7	r584.5	588.1
Govt. and govt. enterprises	do	346.2	372.2	382.3	384.9	385.4	387.3	389.0	390.8	392.5	394.3	396.2	398.5	400.4	r402.4	r404.5	406.4
Other labor income	do	184.5	196.9	201.7	202.6	203.6	204.5	205.5	206.4	207.3	208.2	209.5	210.4	211.3	212.1	213.0	213.8
Proprietors' income: ‡																	
Farm	do	31.5	29.2	26.0	38.2	23.4	26.9	22.8	53.0	38.1	27.5	18.3	19.1	21.3	r18.2	r14.3	34.0
Nonfarm	do	205.3	225.2	232.4	234.9	237.9	241.0	243.8	247.5	249.1	252.2	255.4	257.5	261.0	r260.4	r262.1	262.1
Rental income of persons with capital consumption adjustment	bil. $	8.3	7.6	2.9	11.7	12.2	12.7	13.5	15.1	16.6	17.1	16.5	16.1	16.0	16.3	r17.0	17.8
Dividends	do	74.7	76.4	76.8	76.9	78.0	79.2	80.0	80.8	81.1	81.5	81.7	82.1	82.3	82.4	82.7	82.9
Personal interest income	do	446.9	476.2	481.0	482.2	481.4	480.7	480.4	480.5	480.1	479.8	477.2	473.7	470.4	r468.4	r466.6	465.2
Transfer payments	do	455.6	487.1	493.5	494.5	503.4	504.2	506.5	507.9	510.7	511.8	520.3	516.5	518.7	r520.5	r521.4	523.1
Less: Personal contributions for social insurance	do	133.5	150.2	152.7	154.0	158.0	158.7	159.1	159.2	159.9	159.3	160.2	160.9	161.1	162.0	162.6	162.9
Total nonfarm income	do	3,052.2	3,261.0	3,323.2	3,356.9	3,371.1	3,385.6	3,399.5	3,411.0	3,420.5	3,431.7	3,449.6	3,455.9	3,463.7	r3,477.6	r3,489.4	3,498.0
DISPOSITION OF PERSONAL INCOME †																	
Seasonally adjusted, at annual rates:																	
Total personal income	bil. $	3,110.2	3,314.5	3,372.3	3,418.0	3,417.4	3,435.3	3,445.1	3,486.8	3,481.3	3,481.9	3,490.8	3,497.9	3,507.9	r3,518.8	r3,526.6	3,554.8
Less: Personal tax and nontax payments	do	439.6	486.5	500.1	504.6	496.8	498.5	497.3	500.5	503.9	509.9	513.9	519.4	523.6	r528.1	r533.0	535.7
Equals: Disposable personal income	do	2,670.6	2,828.0	2,872.2	2,913.4	2,920.7	2,936.8	2,947.8	2,986.3	2,977.4	2,972.0	2,976.9	2,978.5	2,984.2	r2,990.8	r2,993.6	3,019.1
Less: Personal outlays	do	2,501.9	2,684.7	2,743.1	2,794.4	2,775.7	2,794.7	2,798.0	2,803.0	2,825.2	2,848.3	2,861.9	2,884.4	2,941.1	r2,888.0	r2,905.4	2,963.3
Personal consumption expenditures	do	2,428.2	2,600.5	2,654.6	2,705.0	2,684.8	2,703.1	2,705.9	2,710.5	2,731.7	2,753.8	2,766.7	2,788.6	2,844.0	r2,789.4	r2,806.5	2,863.8
Durable goods	do	331.2	359.3	357.4	370.6	364.9	365.5	352.0	368.5	379.0	374.2	385.5	402.8	455.2	r391.3	r386.9	434.4
Nondurable goods	do	870.1	905.1	920.7	928.4	925.4	927.6	936.1	922.1	926.6	936.4	932.3	934.9	931.2	r934.3	r939.4	946.4
Services	do	1,227.0	1,336.1	1,376.5	1,406.0	1,394.5	1,410.0	1,417.8	1,419.9	1,426.1	1,443.3	1,448.8	1,450.9	1,457.6	r1,463.8	r1,480.3	1,483.0
Interest paid by consumers to business	do	72.3	82.6	86.9	87.8	89.2	90.0	90.4	91.3	92.2	93.3	94.1	94.7	96.0	97.0	r97.4	98.0
Personal transfer payments to foreigners (net)	do	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.2	1.2	1.2	1.2	1.2	1.2	r1.5	r1.5	1.5
Equals: personal saving	do	168.7	143.3	129.2	119.0	145.0	142.0	149.8	183.3	152.3	123.7	115.0	94.1	43.1	r102.8	r88.2	55.7
Personal saving as percentage of disposable personal income §	percent	6.3	5.1	4.4	4.5	4.6	5.0	5.3	5.4	5.1	4.4	3.7	2.8	2.7	2.6	2.7	
Disposable personal income in constant (1982) dollars	bil. $	2,470.6	2,528.0	2,530.6	2,560.3	2,558.1	2,583.0	2,602.6	2,639.9	2,627.0	2,610.5	2,612.4	2,606.2	2,598.3	2,598.7	2,594.9	
Personal consumption expenditures in constant (1982) dollars	do	2,246.3	2,324.5	2,338.9	2,377.1	2,351.5	2,377.5	2,389.0	2,396.1	2,410.3	2,418.9	2,427.9	2,440.0	2,476.2	r2,423.8	2,432.7	
Durable goods	do	318.9	343.9	343.0	355.2	348.7	349.2	338.4	353.0	361.7	356.6	366.3	381.0	427.4	r371.1	366.1	
Nondurable goods	do	828.6	841.6	844.9	847.9	843.7	859.5	878.8	873.8	875.9	882.2	878.5	878.5	869.4	r872.2	875.5	
Services	do	1,098.7	1,139.0	1,150.9	1,174.0	1,159.2	1,168.8	1,171.8	1,169.3	1,172.7	1,180.1	1,183.1	1,180.5	1,179.3	r1,180.5	1,191.1	
Implicit price deflator for personal consumption expenditures	index, 1982=100	108.1	111.9	113.5	113.8	114.2	113.7	113.3	113.1	113.3	113.8	114.0	114.3	114.9	115.1	115.4	
INDUSTRIAL PRODUCTION ◊																	
Federal Reserve Board Index of Quantity Output																	
Not Seasonally Adjusted																	
Total index	1977=100	121.4	123.8	124.3	121.6	122.9	124.9	123.1	123.8	123.2	126.9	123.3	127.6	r129.1	r128.1	p125.5	e122.4
By industry groupings:																	
Mining and utilities	do	110.9	110.0	107.6	111.8	113.1	110.8	104.5	101.1	98.5	102.1	102.1	103.8	r101.9	r99.4	p100.7	e102.7
Manufacturing	do	123.4	126.4	127.4	123.4	124.7	127.5	126.6	128.1	127.9	131.6	127.3	132.3	r134.0	r133.5	p130.2	e126.3
Nondurable manufactures	do	122.3	125.1	126.7	121.9	122.8	126.4	125.4	127.9	128.8	134.7	131.5	137.7	r138.1	r137.0	p132.6	e127.6
Durable manufactures	do	124.2	127.3	127.9	124.5	126.1	128.3	127.5	128.2	127.2	129.3	124.3	128.3	r131.2	r131.1	p128.5	e125.4
Seasonally Adjusted																	
Total index	do	121.4	123.8	124.8	125.6	126.2	125.3	123.6	124.7	124.2	124.2	124.9	125.1	r124.9	r125.3	p126.0	e126.6
By market groupings:																	
Products, total	do	126.7	130.8	132.8	133.0	134.0	132.9	131.2	132.7	132.4	132.4	133.2	133.8	r133.3	r134.0	p134.5	e135.3
Final products	do	127.3	131.1	133.1	133.2	133.9	132.8	130.6	132.1	131.6	131.1	132.0	132.6	r132.2	132.7	p133.4	e134.2
Consumer goods	do	118.0	120.2	122.7	123.3	123.8	123.3	121.8	124.5	124.3	124.4	125.2	125.1	r124.2	r124.9	p125.8	e126.9

See footnotes at end of tables.

Data for the series shown in the S (or "blue") pages of the SURVEY OF CURRENT BUSINESS are now available on diskette.
See page S-36 for details.

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984	Units	Annual 1984	Annual 1985	1985 Nov.	1985 Dec.	1986 Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
GENERAL BUSINESS INDICATORS—Continued																	
INDUSTRIAL PRODUCTION ◊—Continued																	
Seasonally Adjusted—Continued																	
By market groupings—Continued																	
Final products—Continued																	
Durable consumer goods	1977=100	112.2	112.9	115.4	115.3	116.0	116.6	112.4	115.9	113.8	114.3	116.3	115.7	117.4	r116.6	p117.4	e119.4
Automotive products	do	109.4	114.0	115.6	113.9	116.2	117.6	110.4	116.4	113.2	113.7	116.4	114.5	117.0	r112.7	p113.2	e117.0
Autos and trucks, consumer	do	103.0	112.0	114.1	110.4	118.2	119.4	106.3	115.1	110.3	112.2	114.5	110.4	116.8	107.7	p107.6	e113.5
Autos, consumer	do	93.2	98.9	95.6	94.6	105.5	107.1	93.7	100.8	94.8	99.3	95.3	87.8	96.2	91.9	p92.3	e99.5
Trucks, consumer	do	121.2	136.3	148.6	139.8	141.7	142.1	129.6	141.5	139.1	136.1	150.3	152.4	155.1	137.1	p136.0	
Home goods	do	114.3	112.2	115.3	116.4	115.8	115.8	113.9	115.5	114.3	114.8	116.3	116.7	117.7	r119.7	p120.5	e121.2
Nondurable consumer goods	do	120.1	122.9	125.3	126.3	126.6	125.8	125.3	127.7	128.1	128.1	128.4	128.6	r126.7	127.9	p128.9	e129.7
Consumer staples	do	124.9	129.0	131.3	132.5	132.8	132.3	131.6	134.3	135.0	135.1	135.3	135.5	r133.6	r134.6	p135.5	e136.2
Consumer foods and tobacco	do	126.0	128.8	130.5	131.6	130.1	131.1	130.3	131.9	132.4	133.3	132.2	133.2	r131.0	r131.4	p132.5	
Nonfood staples	do	123.9	129.2	132.1	133.4	135.6	133.5	133.0	136.7	137.7	137.0	138.5	137.9	r136.3	r137.9	p138.6	e138.9
Equipment	do	139.6	145.4	147.0	146.4	147.5	145.4	142.3	142.3	141.2	140.0	141.0	142.5	142.8	r143.1	p143.5	e143.9
Business and defense equipment	do	138.7	146.0	148.2	147.8	149.1	147.8	145.5	146.6	146.0	145.1	146.4	147.8	r148.0	r148.2	p148.4	e148.8
Business equipment	do	134.2	139.6	140.8	140.0	141.5	140.5	137.7	138.6	137.9	136.6	137.9	139.3	r139.3	r139.2	p139.2	e139.3
Construction, mining, and farm	do	64.3	64.3	65.1	66.3	65.3	63.0	59.5	58.6	60.9	61.9	60.6	58.3	58.1	r58.0	p56.7	
Manufacturing	do	108.2	110.7	110.5	111.6	113.0	112.9	112.4	111.9	111.9	111.7	112.6	113.3	113.0	r112.4	p111.1	e111.3
Power	do	78.9	83.5	84.1	85.4	82.9	82.3	82.0	83.0	82.9	83.5	81.7	81.7	80.3	80.4	p79.8	e80.4
Commercial	do	209.1	217.9	218.6	217.0	217.8	216.8	214.3	213.4	212.9	208.2	214.5	217.5	215.1	r215.8	p217.7	e218.0
Transit	do	97.9	105.4	109.7	105.5	112.7	111.7	104.3	112.1	107.3	108.8	103.9	106.9	r113.3	r111.8	p111.0	e110.3
Defense and space equipment	do	156.4	170.6	177.2	178.5	178.7	176.3	176.2	178.0	178.0	178.4	179.5	181.0	182.0	183.6	p184.5	e186.2
Intermediate products	do	124.7	130.0	131.8	132.0	134.2	133.4	133.3	134.5	135.1	137.0	137.3	137.8	r137.0	r138.4	p138.5	e139.2
Construction supplies	do	114.0	118.3	120.5	119.8	124.0	122.6	122.6	123.6	123.5	124.1	124.0	125.4	r125.9	r126.0	p126.3	e126.7
Business supplies	do	133.8	140.0	141.5	142.4	142.9	142.6	142.5	143.8	145.0	147.9	148.6	148.4	r146.4	r148.9	p149.0	
Materials	do	114.2	114.2	113.9	115.4	115.5	114.8	113.3	113.8	113.0	113.1	113.6	113.2	113.5	r113.4	p114.5	e114.7
Durable goods materials	do	121.5	121.4	121.2	121.9	122.2	121.3	119.3	120.2	118.4	117.8	118.8	118.8	r118.9	r119.0	p120.6	e120.5
Nondurable goods materials	do	111.4	112.2	113.3	114.9	116.2	116.1	114.8	116.5	116.5	117.7	118.9	119.7	120.6	120.4	p120.3	e121.3
Energy materials	do	103.9	103.4	101.8	104.5	103.0	102.1	101.4	100.4	100.5	100.8	99.9	97.9	r98.0	r97.4	p98.7	e99.1
By industry groupings:																	
Mining and utilities	do	110.9	110.0	108.8	110.2	109.8	106.8	105.4	104.2	103.1	102.6	101.8	100.9	r100.8	r101.1	p102.0	e102.1
Mining	do	111.1	108.8	106.9	107.4	108.1	105.1	103.0	101.0	99.8	98.9	97.1	96.4	r96.2	r95.9	p96.6	e97.0
Metal mining	do	77.0	75.0	78.3	77.3	73.5	77.2	75.9	76.0	72.0	65.9	69.2	70.9	70.7			
Coal	do	128.1	126.8	125.8	128.4	130.8	126.5	124.7	124.4	124.0	127.3	120.2	122.2	120.8	r117.6	p130.6	
Oil and gas extraction #	do	109.1	106.2	103.6	104.2	104.9	101.1	99.2	96.2	95.1	93.3	92.4	90.7	r91.0	r91.2	p89.3	e88.6
Crude oil	do	106.1	108.1	107.9	108.6	108.9	107.6	108.2	106.8	107.5	106.4	106.6	104.1	r105.1	r105.3	p103.2	
Natural gas	do	89.9	85.7	84.5	85.7	87.2	84.3	85.4	83.9	85.3	84.4	82.9	81.4	82.1	82.1		
Stone and earth minerals	do	117.4	118.3	118.0	114.6	113.5	116.8	111.6	115.0	112.4	114.5	111.8	114.8	r111.7	r114.4	p113.0	
Utilities	do	110.7	111.9	111.9	114.8	112.5	109.7	109.3	109.4	108.5	108.6	109.7	108.3	r108.3	r109.5	p110.9	e110.6
Electric	do	116.8	119.7	120.1	122.4	119.7	119.5	119.8	121.6	121.7	123.1	125.4	122.4	r122.8	r123.9	p125.4	
Manufacturing	do	123.4	126.4	127.8	128.2	129.4	128.7	127.2	128.7	128.2	128.3	129.2	129.5	129.5	r129.9	p130.5	e131.4
Nondurable manufactures	do	122.3	125.1	127.2	127.5	129.3	128.7	127.7	129.6	129.9	131.2	131.7	132.2	r131.4	r132.3	p133.1	e133.8
Foods	do	126.9	130.2	131.5	132.1	132.0	132.9	132.2	133.1	133.7	134.6	134.3	135.1	r134.3	r133.5	p134.5	
Tobacco products	do	100.4	100.2	102.8	100.3	93.8	97.0	93.6	100.3	101.6	97.6	97.9	97.1	r89.8	100.0		
Textile mill products	do	104.2	103.2	110.0	107.7	107.9	109.9	108.0	111.4	111.3	112.6	113.4	114.7	116.0	r116.4	p118.6	
Apparel products	do	102.7	100.9	103.8	104.5	105.5	102.8	102.8	103.1	102.6	101.7	102.5	102.5	102.7	r104.1	p105.7	
Paper and products	do	127.2	127.6	128.9	131.3	133.6	132.6	132.4	134.1	133.2	137.2	138.1	138.6	r136.9	r137.7	p140.3	
Printing and publishing	do	146.5	153.9	156.8	157.6	160.9	156.7	157.8	161.6	161.9	164.0	165.4	164.6	r163.0	r168.0	p167.8	e168.6
Chemicals and products	do	121.6	127.1	128.2	128.1	131.7	132.0	130.2	132.8	131.5	134.2	134.1	134.4	133.9	r134.2	p134.2	
Petroleum products	do	87.4	86.8	87.6	88.9	94.7	90.1	88.6	91.3	95.7	91.8	90.6	94.0	93.3	r91.0	p90.4	e91.3
Rubber and plastics products	do	143.5	146.9	150.1	149.4	150.2	151.1	147.8	146.8	150.1	152.2	155.5	155.5	r154.9	r157.1	p158.2	
Leather and products	do	76.5	68.5	68.7	66.4	65.4	64.8	62.7	61.5	59.5	57.9	61.9	62.0	r59.4	r59.2	p61.5	
Durable manufactures	do	124.2	127.3	128.2	128.7	129.5	128.7	126.8	128.1	127.0	126.2	127.4	127.5	r128.1	r128.2	p128.7	e129.6
Lumber and products	do	109.1	113.4	115.0	116.1	120.5	120.3	120.7	121.3	121.6	120.9	120.8	122.5	r125.0	124.8		
Furniture and fixtures	do	134.3	139.7	142.2	140.5	141.2	143.2	142.9	145.9	146.2	147.1	149.5	148.3	r147.7	r149.3	p147.9	
Clay, glass, and stone products	do	113.4	115.5	116.7	118.2	120.0	119.3	120.0	121.6	120.2	120.8	119.6	119.7	121.6	r118.2	p118.1	
Primary metals	do	82.3	80.5	82.9	81.7	82.4	80.3	76.3	78.1	74.8	71.4	73.6	73.4	r74.1	r74.2	p76.8	e75.9
Iron and steel	do	73.4	70.4	73.9	71.6	72.2	69.5	64.3	65.6	60.2	58.3	61.7	60.8	r61.1	r62.2	p64.6	
Nonferrous metals	do	99.3	99.7	100.0	100.8	101.8	100.8	98.8	101.6	102.3	96.3	95.9	97.3	98.6	r96.8	p100.0	
Fabricated metal products	do	102.6	107.3	107.6	108.2	109.2	108.5	107.6	108.2	106.5	106.6	105.7	105.9	r107.3	r108.0	p107.5	e108.1
Nonelectrical machinery	do	141.8	145.3	144.8	146.2	144.9	143.9	141.7	140.8	141.3	140.4	142.6	142.6	140.9	r142.9	p142.6	e142.9
Electrical machinery	do	170.5	168.4	166.9	168.7	166.1	164.8	165.2	166.8	166.0	163.2	166.8	167.2	r166.9	r167.8	p167.9	e169.7
Transportation equipment	do	112.2	121.4	124.8	124.0	128.2	127.5	122.6	126.2	124.1	125.1	125.6	125.1	127.7	r125.2	p125.7	e127.8
Motor vehicles and parts	do	104.4	111.5	112.6	111.4	116.5	116.4	108.1	112.6	108.7	110.6	111.2	108.2	112.2	r107.1	p107.8	e111.5
Instruments	do	136.7	139.1	139.9	140.4	141.5	141.9	142.0	142.4	140.3	139.9	141.7	142.0	141.7	r140.2	p141.9	e142.8
BUSINESS SALES																	
Mfg. and trade sales (unadj.), total	mil. $	4,940,798	5,104,187	r429,382	449,535	400,358	399,191	428,762	428,945	436,092	441,850	414,713	426,800	450,184	r449,119	429,882	
Mfg. and trade sales (seas. adj.), total	do	r4,940,798	r5,104,187	r431,012	r432,679	431,957	426,854	420,230	428,455	421,613	425,475	427,473	429,310	442,206	r435,848	437,141	
Manufacturing, total	do	r2,274,932	r2,341,220	200,131	199,084	198,716	196,274	191,051	196,132	193,068	193,642	193,294	193,305	196,281	r196,202	198,232	
Durable goods industries	do	1,182,019	1,243,793	107,007	105,777	105,631	105,545	102,693	106,592	103,672	104,553	104,980	104,154	106,027	r107,448	107,185	
Nondurable goods industries	do	1,092,913	1,097,427	93,124	93,307	93,085	90,729	88,358	89,540	89,396	89,089	88,314	89,151	90,254	r88,759	91,047	
Retail trade, total ‡	do	r1,293,062	r1,373,941	r115,354	r116,743	117,349	117,200	116,684	117,715	118,675	118,960	119,804	121,523	128,331	r121,655	120,937	
Durable goods stores	do	465,798	514,207	r42,560	r43,639	44,187	43,949	43,279	44,874	45,554	45,596	46,312	47,912	54,617	r47,679	46,706	
Nondurable goods stores	do	827,264	859,734	r72,794	r73,104	73,162	73,251	73,405	72,841	73,121	73,364	73,492	73,611	73,714	r73,976	74,231	
Merchant wholesalers, total †	do	r1,360,853	r1,373,926	r115,527	116,852	115,648	113,380	112,495	114,608	109,870	112,873	114,375	114,482	117,594	r117,991	117,972	
Durable goods establishments	do	609,210	626,749	r53,299	53,948	53,428	52,994	52,674	55,317	53,415	54,491	55,012	53,951	56,638	r56,870	56,797	
Nondurable goods establishments	do	751,643	747,177	r62,228	62,904	62,220	60,386	59,821	59,291	56,455	58,382	59,363	60,531	60,956	r61,121	61,175	
Mfg. and trade sales in constant (1982) dollars (seas. adj.), total §	bil. $			414.8	416.1	415.6	415.9	415.0	424.3	417.4	420.0	423.0	426.5	438.5	r427.4	429.9	
Manufacturing	do			190.7	188.6	189.2	189.0	185.9	192.5	189.4	188.9	190.0	190.2	191.4	r191.2	193.8	
Retail trade	do			110.5	112.6	111.8	112.8	114.0	115.0	116.0	116.3	116.0	118.1	124.7	r115.9	115.6	
Merchant wholesalers	do			113.6	114.9	114.5	114.2	115.0	116.8	112.0	114.9	117.0	118.1	122.5	r120.3	120.4	

See footnotes at end of tables.

GENERAL BUSINESS INDICATORS—Continued

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984	Units	Annual 1984	Annual 1985	1985 Nov.	1985 Dec.	1986 Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
BUSINESS INVENTORIES																	
Mfg. and trade inventories, book value, end of period (unadj.), total	mil. $	566,119	576,673	r592,643	576,673	577,997	585,078	591,545	593,990	588,319	586,303	586,563	583,659	585,897	r599,857	600,591	
Mfg. and trade inventories, book value, end of period (seas. adj.), total	mil. $	573,434	584,005	r582,707	r583,148	584,968	585,176	588,178	588,599	586,727	588,908	591,895	590,141	588,069	r591,556	590,606	
Manufacturing, total	do	285,709	281,884	281,993	281,884	280,357	279,236	279,571	279,358	278,352	278,410	278,613	277,473	276,574	r276,007	276,588	
Durable goods industries	do	191,109	189,164	190,284	189,164	188,518	187,644	188,333	188,031	187,637	187,148	186,858	186,045	186,102	r185,358	185,742	
Nondurable goods industries	do	94,600	92,720	91,709	92,720	91,839	91,592	91,238	91,327	90,715	91,262	91,755	91,428	90,472	r90,649	90,846	
Retail trade, total ‡	do	157,845	165,324	r165,787	165,324	167,987	169,379	171,551	172,158	170,869	171,705	173,529	172,926	171,617	r176,338	175,181	
Durable goods stores	do	77,142	82,875	r83,238	82,875	84,755	85,863	88,132	88,263	87,198	88,281	90,271	89,380	86,578	r90,134	89,432	
Nondurable goods stores	do	80,703	82,449	r82,549	82,449	83,232	83,516	83,419	83,895	83,671	83,424	83,258	83,546	85,039	r86,204	85,749	
Merchant wholesalers, total †	do	131,544	135,940	r134,927	135,940	136,624	136,561	137,056	137,083	137,506	138,793	139,753	139,742	139,878	r139,211	138,837	
Durable goods establishments	do	86,283	87,246	r87,193	87,246	87,815	88,230	88,521	89,267	89,845	90,000	90,816	90,811	91,037	r91,133	91,633	
Nondurable goods establishments	do	45,261	48,694	r47,734	48,694	48,809	48,331	48,535	47,816	47,661	48,793	48,937	48,931	48,841	r48,078	47,204	
Mfg. and trade inventories in constant (1982) dollars, end of period (seas. adj.), total §	bil. $			638.6	638.4	640.6	641.5	645.9	647.9	645.3	646.3	684.4	647.0	643.5	r644.8	644.7	
Manufacturing	do			325.7	325.2	323.8	323.0	323.9	324.7	324.1	324.1	324.9	323.3	322.5	r321.7	322.2	
Retail trade	do			165.5	165.0	167.9	169.3	172.1	173.1	171.3	171.0	171.0	170.3	167.8	r170.9	170.0	
Merchant wholesalers	do			147.4	148.3	148.8	149.3	150.0	150.1	149.8	151.1	152.5	153.4	153.2	r152.1	152.5	
BUSINESS INVENTORY-SALES RATIOS																	
Manufacturing and trade, total	ratio	1.34	1.36	1.35	r1.35	1.35	1.37	1.40	1.37	1.39	1.38	1.38	1.37	1.33	1.36	1.35	
Manufacturing, total	do	1.45	1.46	1.41	1.42	1.41	1.42	1.46	1.42	1.44	1.44	1.44	1.44	1.41	1.41	1.40	
Durable goods industries	do	1.85	1.85	1.78	1.79	1.78	1.78	1.83	1.76	1.81	1.79	1.78	1.79	1.76	1.73	1.73	
Materials and supplies	do	.55	.53	.50	.51	.50	.49	.50	.49	.50	.49	.49	.49	.48	.47	.47	
Work in process	do	.85	.87	.85	.85	.86	.85	.89	.85	.88	.87	.86	.87	.86	r.84	.84	
Finished goods	do	.45	.45	.43	.43	.43	.43	.44	.43	.44	.43	.43	.43	.42	.41	.42	
Nondurable goods industries	do	1.03	1.02	.98	.99	.99	1.01	1.03	1.02	1.01	1.02	1.04	1.03	1.00	1.02	1.00	
Materials and supplies	do	.41	.39	.38	.38	.38	.39	.40	.39	.39	.40	.40	.40	.39	.40	.39	
Work in process	do	.16	.16	.16	.16	.15	.16	.16	.15	.15	.16	.16	.15	.15	.16	.15	
Finished goods	do	.46	.47	.45	.46	.45	.46	.48	.47	.47	.47	.48	.47	.46	r.46	.46	
Retail trade, total ‡	do	1.39	1.40	r1.44	r1.42	1.43	1.45	1.47	1.46	1.44	1.44	1.45	1.42	1.34	1.45	1.45	
Durable goods stores	do	1.85	1.85	r1.96	r1.90	1.92	1.95	2.04	1.97	1.91	1.94	1.95	1.87	1.59	r1.89	1.91	
Nondurable goods stores	do	1.13	1.13	1.13	1.13	1.14	1.14	1.14	1.15	1.14	1.14	1.13	1.13	1.15	1.17	1.16	
Merchant wholesalers, total †	do	1.12	1.17	r1.17	1.16	1.18	1.20	1.22	1.20	1.25	1.23	1.22	1.22	1.19	r1.18	1.18	
Durable goods establishments	do	1.62	1.67	r1.64	1.62	1.64	1.66	1.68	1.61	1.68	1.65	1.65	1.68	1.61	1.60	1.61	
Nondurable goods establishments	do	.72	.75	r.77	.77	.78	.80	.81	.81	.84	.84	.82	.81	.80	r.79	.77	
Manufacturing and trade in constant (1982) dollars, total §	do			1.54	1.53	1.54	1.54	1.56	1.53	1.55	1.54	1.53	1.52	1.47	1.51	1.50	
Manufacturing	do			1.71	1.72	1.71	1.71	1.74	1.69	1.71	1.72	1.71	1.70	1.69	r1.68	1.66	
Retail trade	do			1.50	1.47	1.50	1.50	1.51	1.51	1.48	1.47	1.48	1.44	1.35	1.47	1.47	
Merchant wholesalers	do			1.30	1.29	1.30	1.31	1.30	1.29	1.34	1.32	1.30	1.30	1.25	r1.27	1.27	
MANUFACTURERS' SALES, INVENTORIES, AND ORDERS																	
Shipments (not seas. adj.), total	mil. $	2,274,932	2,341,220	197,448	192,213	182,163	196,648	200,540	197,446	195,769	206,929	178,616	190,795	207,008	r201,296	195,402	
Durable goods industries, total	do	1,182,019	1,243,793	105,135	101,517	94,879	105,708	109,751	108,655	106,469	114,059	95,007	100,573	111,768	r110,545	105,256	
Stone, clay, and glass products	do	54,993	57,255	4,682	4,162	4,409	4,563	4,841	5,171	5,108	5,363	4,824	5,066	5,396	r5,277	4,872	
Primary metals	do	131,152	125,777	9,940	9,187	9,815	10,509	10,691	10,621	10,262	10,171	8,778	9,183	9,734	r9,772	9,058	
Blast furnaces, steel mills	do	53,836	52,519	4,081	3,945	4,153	4,369	4,299	4,342	4,180	4,216	3,781	3,543	3,756	r3,828	3,461	
Fabricated metal products	do	139,213	168,953	14,513	13,182	12,777	14,116	14,362	14,754	14,552	15,353	13,114	14,160	15,046	r15,037	13,754	
Machinery, except electrical	do	210,168	212,620	17,854	18,904	14,831	17,064	18,846	17,666	16,903	19,353	15,466	15,216	17,639	r16,619	16,580	
Electrical machinery	do	182,534	185,514	16,509	16,237	13,614	15,887	17,024	15,549	15,504	17,537	14,643	16,375	18,362	r17,240	17,632	
Transportation equipment	do	288,306	313,427	26,971	25,930	25,861	28,381	27,533	28,953	28,219	29,019	23,494	24,095	28,114	r29,316	27,377	
Motor vehicles and parts	do	191,493	203,371	17,783	14,177	18,180	18,891	17,879	19,478	18,574	18,830	13,968	14,949	18,404	r18,919	16,854	
Instruments and related products	do	53,511	56,743	4,799	5,068	4,383	4,556	4,832	4,446	4,569	5,023	4,363	4,650	4,942	r4,959	4,885	
Nondurable goods industries, total	do	1,092,913	1,097,427	92,313	90,696	87,284	90,940	90,789	88,791	89,300	92,870	83,609	90,222	95,240	r90,751	90,146	
Food and kindred products	do	295,050	296,142	25,038	24,559	23,672	25,008	25,646	24,635	25,708	26,698	24,971	26,268	28,307	r27,172	26,581	
Tobacco products	do	16,918	20,606	1,854	2,274	990	1,627	2,069	1,542	1,985	2,331	1,373	1,882	2,013	1,508	2,052	
Textile mill products	do	55,078	52,627	4,513	4,220	3,959	4,443	4,708	4,454	4,328	4,814	3,925	4,825	5,067	r5,002	4,669	
Paper and allied products	do	95,944	97,565	7,900	7,851	8,422	8,906	8,819	8,989	8,886	9,532	8,821	9,485	9,704	r9,479	9,227	
Chemical and allied products	do	211,833	214,345	16,600	17,498	17,496	18,403	18,565	19,016	17,912	18,508	16,195	17,593	18,767	r17,161	17,036	
Petroleum and coal products	do	200,588	194,030	16,981	16,960	15,578	13,721	12,320	12,029	12,573	11,643	10,731	11,023	11,006	r10,306	11,158	
Rubber and plastics products	do	52,147	48,246	4,018	3,574	3,731	3,976	3,926	4,078	4,036	4,315	3,619	3,925	4,250	r4,257	3,991	
Shipments (seas. adj.), total	do			200,131	199,084	198,716	196,274	191,051	196,132	193,068	193,642	193,294	193,305	196,281	r196,202	198,232	
By industry group:																	
Durable goods industries, total #	do			107,007	105,777	105,631	105,545	102,693	106,592	103,672	104,553	104,980	104,154	106,027	r107,443	107,185	
Stone, clay, and glass products	do			4,771	4,773	5,209	4,901	4,784	5,108	4,942	4,873	4,876	4,760	4,941	r4,978	4,968	
Primary metals	do			10,513	10,263	10,119	10,159	9,833	10,122	9,852	9,484	9,646	9,358	9,644	r9,770	9,579	
Blast furnaces, steel mills	do			4,319	4,326	4,246	4,173	3,926	4,123	4,066	3,886	4,146	3,638	3,833	r3,890	3,662	
Fabricated metal products	do			14,878	14,232	14,466	14,300	13,733	14,553	14,145	14,199	14,044	13,910	14,266	r14,397	14,092	
Machinery, except electrical	do			18,161	17,622	16,764	16,939	17,377	17,932	16,784	17,535	17,111	16,433	16,597	r16,750	16,901	
Electrical machinery	do			16,528	16,338	14,841	15,819	16,187	15,539	15,520	16,316	16,172	16,883	17,258	r16,909	17,627	
Transportation equipment	do			27,283	27,931	28,520	27,962	25,030	27,517	26,610	25,887	27,297	26,855	27,082	r28,334	27,743	
Motor vehicles and parts	do			18,120	17,428	19,448	18,461	16,112	18,080	16,992	16,455	16,884	16,970	17,777	r17,720	17,229	
Instruments and related products	do			4,789	4,908	4,842	4,696	4,591	4,613	4,648	4,680	4,755	4,727	4,568	r4,823	4,867	
Nondurable goods industries, total #	do			93,124	93,307	93,085	90,729	88,358	89,540	89,396	89,089	88,314	89,151	90,254	r88,759	91,047	
Food and kindred products	do			25,241	24,732	25,817	24,933	24,764	25,279	25,791	25,490	26,420	26,286	26,552	r26,469	26,782	
Tobacco products	do			1,841	2,117	1,089	1,800	2,155	1,570	2,057	2,127	1,491	1,781	1,815	1,486	2,038	
Textile mill products	do			4,643	4,494	4,551	4,452	4,299	4,487	4,255	4,398	4,592	4,618	4,693	r4,793	4,801	
Paper and allied products	do			8,194	8,390	8,687	8,637	8,462	8,917	8,853	9,125	9,317	9,299	9,515	r9,397	9,583	
Chemicals and allied products	do			17,604	17,994	18,403	18,185	17,068	18,363	17,273	17,346	17,635	18,060	17,949	r17,903	18,067	
Petroleum and coal products	do			16,961	16,728	15,729	13,955	12,798	12,344	12,629	11,278	10,677	10,880	10,718	r10,203	11,146	
Rubber and plastics products	do			4,131	4,020	4,049	4,005	3,921	4,016	4,044	4,002	3,759	3,804	3,984	r3,995	4,103	

See footnotes at end of tables.

Data for the series shown in the S (or "blue") pages of the SURVEY OF CURRENT BUSINESS are now available on diskette.
See page S-36 for details.

GENERAL BUSINESS INDICATORS—Continued

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984	Units	Annual 1984	Annual 1985	1985 Nov.	1985 Dec.	1986 Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
MANUFACTURERS' SALES, INVENTORIES, AND ORDERS—Continued																	
Shipments (seas. adj.)—Continued																	
By market category:																	
Home goods and apparel	mil. $	[1]156,346	[1]158,665	13,661	13,315	13,463	13,551	13,528	13,362	13,208	14,057	13,454	13,631	14,107	r13,461	13,597	.....
Consumer staples	do	[1]403,584	[1]416,515	35,385	35,666	36,173	35,870	35,765	35,920	36,956	37,350	37,193	37,280	38,088	r37,419	38,125	.....
Equipment and defense products, except auto	do	[1]338,881	[1]364,145	30,915	31,906	28,871	29,793	30,412	30,384	29,679	30,751	30,434	30,631	29,735	r30,486	31,254	.....
Automotive equipment	do	[1]215,445	[1]226,166	20,034	19,291	21,459	20,287	17,822	19,899	18,744	18,274	18,748	18,831	19,696	r19,861	19,323	.....
Construction materials, supplies, and intermediate products	do	[1]179,172	[1]206,611	17,357	16,640	18,170	17,679	17,969	18,765	18,286	18,216	17,901	17,685	18,346	r18,623	18,366	.....
Other materials, supplies, and intermediate products	do	[1]981,500	[1]968,923	82,779	82,266	80,580	79,094	75,555	77,802	76,195	74,994	75,564	75,247	76,309	r76,352	77,567	.....
Supplementary series:																	
Household durables	do	[1]75,036	[1]78,031	6,746	6,519	6,720	6,720	6,838	6,689	6,711	7,374	6,940	7,147	7,489	r7,133	7,116	.....
Capital goods industries	do	[1]386,980	[1]411,381	35,629	36,573	32,385	34,145	34,383	34,688	34,068	35,207	35,303	34,928	34,768	r35,730	36,599	.....
Nondefense	do	[1]314,475	[1]326,712	27,771	28,630	25,352	26,564	27,304	27,355	26,582	27,243	27,240	27,284	27,081	r27,722	27,905	.....
Defense	do	[1]72,503	[1]84,669	7,858	7,943	7,033	7,581	7,079	7,333	7,486	7,964	8,083	7,644	7,687	r8,008	8,694	.....
Inventories, end of year or month:																	
Book value (unadjusted), total	do	281,956	277,885	280,930	277,885	279,029	280,374	280,348	281,358	280,845	278,858	278,441	277,799	275,097	r275,619	275,368	.....
Durable goods industries, total	do	188,091	186,014	188,867	186,014	186,961	188,382	189,131	189,491	189,753	188,023	187,101	186,580	185,275	r184,747	184,248	.....
Nondurable goods industries, total	do	93,865	91,871	92,063	91,871	92,068	91,992	91,217	91,867	91,092	90,835	91,340	91,219	89,822	r90,872	91,120	.....
Book value (seasonally adjusted), total	do	285,709	281,884	281,993	281,884	280,357	279,236	279,571	279,358	278,352	278,410	278,613	277,473	276,574	r276,007	276,588	.....
By industry group:																	
Durable goods industries, total #	do	191,109	189,164	190,284	189,164	188,518	187,644	188,333	188,031	187,637	187,148	186,858	186,045	186,102	r185,358	185,742	.....
Stone, clay, and glass products	do	5,869	5,666	5,721	5,666	5,618	5,546	5,576	5,551	5,561	5,593	5,608	5,673	5,529	r5,480	5,572	.....
Primary metals	do	20,632	17,837	17,986	17,837	17,316	17,281	17,220	17,036	16,903	16,883	16,724	16,212	15,855	r15,514	15,479	.....
Blast furnaces, steel mills	do	9,401	7,830	8,082	7,830	7,504	7,615	7,578	7,486	7,484	7,373	7,164	6,805	6,515	r6,272	6,317	.....
Fabricated metal products	do	19,251	19,385	19,317	19,385	19,148	18,885	18,926	19,072	18,858	18,832	18,685	18,511	18,734	r18,533	18,614	.....
Machinery, except electrical	do	40,696	39,448	39,710	39,448	39,441	39,285	39,017	38,409	38,108	37,328	37,220	37,055	36,784	r36,690	36,737	.....
Electrical machinery	do	32,783	33,496	33,524	33,496	33,617	33,452	33,544	33,330	34,004	34,243	34,570	34,596	34,529	r34,361	34,204	.....
Transportation equipment	do	47,418	49,068	49,611	49,068	49,232	48,931	49,896	50,030	50,206	50,434	50,061	50,037	50,804	r50,702	50,927	.....
Motor vehicles and parts	do	11,219	11,477	11,335	11,477	11,301	11,355	11,264	11,279	11,204	10,856	10,892	10,674	10,642	r10,645	11,013	.....
Instruments and related products	do	9,412	9,594	9,701	9,594	9,613	9,535	9,533	9,463	9,542	9,507	9,545	9,552	9,608	r9,704	9,634	.....
By stage of fabrication:																	
Materials and supplies	do	56,469	53,527	52,999	53,527	52,317	51,921	51,688	51,864	51,387	51,559	51,338	50,878	51,052	r50,561	50,530	.....
Work in process	do	88,105	89,912	91,020	89,912	90,477	90,125	91,236	90,825	90,714	90,918	90,518	90,673	90,898	r90,507	90,030	.....
Finished goods	do	46,535	45,725	46,265	45,725	45,724	45,598	45,409	45,342	45,536	44,671	45,002	44,494	44,152	r44,290	45,182	.....
Nondurable goods industries, total #	do	94,600	92,720	91,709	92,720	91,839	91,592	91,238	91,327	90,715	91,262	91,755	91,428	90,472	r90,649	90,846	.....
Food and kindred products	do	21,500	23,533	23,427	23,533	23,203	23,386	23,439	23,401	23,179	23,188	23,489	23,541	23,584	r23,533	23,537	.....
Tobacco products	do	3,558	3,270	3,245	3,270	3,266	3,316	3,267	3,223	3,202	3,057	3,086	2,982	2,974	3,034	3,053	.....
Textile mill products	do	7,017	6,744	6,651	6,744	6,477	6,554	6,609	6,622	6,535	6,617	6,531	6,337	6,397	r6,310	6,224	.....
Paper and allied products	do	9,691	9,728	9,659	9,728	9,806	9,725	9,781	9,763	9,757	9,825	10,029	10,114	10,065	r9,962	10,016	.....
Chemicals and allied products	do	21,872	21,419	21,677	21,419	21,549	21,434	21,554	21,631	21,499	22,203	22,252	22,085	22,141	r22,297	22,413	.....
Petroleum and coal products	do	8,427	7,920	7,464	7,920	7,326	6,916	6,436	6,265	6,302	6,161	5,852	5,767	5,478	r5,512	5,568	.....
Rubber and plastics products	do	5,989	6,313	6,161	6,313	6,382	6,478	6,449	6,322	6,350	6,271	6,301	6,314	6,285	r6,150	6,308	.....
By stage of fabrication:																	
Materials and supplies	do	36,635	35,503	35,051	35,503	35,500	35,462	35,110	35,078	34,889	35,289	35,685	35,684	35,367	r35,580	35,457	.....
Work in process	do	14,811	14,568	14,680	14,568	14,150	14,198	13,921	13,790	13,697	13,938	13,788	13,504	13,737	r13,905	13,954	.....
Finished goods	do	43,154	42,649	41,978	42,649	42,189	41,932	42,207	42,459	42,129	42,035	42,282	42,240	41,368	r41,164	41,435	.....
By market category:																	
Home goods and apparel	do	23,046	22,060	21,876	22,060	21,973	21,936	22,197	22,504	22,219	22,366	22,411	22,421	22,228	r22,359	22,485	.....
Consumer staples	do	34,262	33,823	33,677	33,823	33,640	33,885	33,798	34,292	34,067	34,188	34,930	34,706	33,946	r34,317	34,271	.....
Equip. and defense prod., exc. auto	do	83,372	83,871	85,188	83,871	84,141	83,634	83,514	83,160	83,287	82,840	82,865	82,667	83,062	r82,723	82,692	.....
Automotive equipment	do	13,713	13,795	13,731	13,795	13,558	13,631	13,557	13,533	13,594	13,237	13,181	12,980	12,937	r12,762	13,090	.....
Construction materials, supplies, and intermediate products	do	19,551	19,256	19,178	19,256	18,953	19,007	18,939	19,075	18,914	18,651	18,454	18,479	18,278	r18,178	18,542	.....
Other materials, supplies, and intermediate products	do	111,765	109,079	108,343	109,079	108,092	107,143	107,566	106,794	106,271	107,128	106,772	106,220	106,123	r105,668	105,508	.....
Supplementary series:																	
Household durables	do	11,585	10,974	11,156	10,974	10,935	10,979	11,098	11,351	11,252	11,460	11,638	11,567	11,446	r11,591	11,696	.....
Capital goods industries	do	94,813	96,735	97,669	96,735	97,102	96,493	97,253	96,928	96,990	96,956	96,834	96,981	97,465	r97,135	96,896	.....
Nondefense	do	72,296	70,465	71,071	70,465	70,340	70,239	70,173	69,363	69,236	68,839	68,685	68,515	68,429	r67,914	67,831	.....
Defense	do	22,517	26,270	26,598	26,270	26,762	26,254	27,080	27,565	27,754	28,117	28,149	28,466	29,036	r29,221	29,065	.....
New orders, net (not seas. adj.), total	do	2,299,609	2,349,640	192,718	198,395	188,488	201,355	205,866	194,594	191,789	201,600	177,464	186,986	208,321	r199,388	195,866	.....
Durable goods industries, total	do	1,207,327	1,251,657	100,621	107,294	101,034	110,155	115,035	105,748	102,415	108,946	93,742	96,996	112,745	r108,623	105,808	.....
Nondurable goods industries, total	do	1,092,282	1,097,983	92,097	91,101	87,454	91,200	90,831	88,846	89,374	92,654	83,722	89,990	95,576	r90,765	90,058	.....
New orders, net (seas. adj.), total	do	[1]2,299,609	[1]2,349,640	196,865	201,213	201,133	198,559	192,996	193,151	192,122	191,795	194,560	192,836	199,399	r192,502	200,421	.....
By industry group:																	
Durable goods industries, total	do	[1]1,207,327	[1]1,251,657	103,796	107,531	108,194	107,545	104,682	103,747	102,624	102,730	106,220	103,845	108,723	r103,569	109,273	.....
Primary metals	do	[1]129,346	[1]126,373	10,560	10,059	10,596	10,614	9,762	9,625	8,831	9,323	9,060	10,245	9,842	r9,713	9,501	.....
Blast furnaces, steel mills	do	[1]52,547	[1]53,022	4,421	4,085	4,228	4,516	4,110	3,918	3,443	3,822	3,678	4,488	4,212	r3,677	3,717	.....
Nonferrous and other primary metals	do	[1]61,342	[1]58,193	4,638	4,876	4,994	4,825	4,463	4,263	4,202	4,361	4,285	4,557	4,504	r4,651	4,757	.....
Fabricated metal products	do	[1]140,282	[1]167,724	15,280	14,146	14,326	14,274	13,141	14,653	14,024	13,998	13,993	13,702	14,051	r14,217	14,316	.....
Machinery, except electrical	do	[1]213,008	[1]210,691	17,983	16,195	15,603	18,277	16,081	16,800	16,441	16,888	17,233	16,603	16,523	r15,231	17,092	.....
Electrical machinery	do	[1]191,281	[1]189,012	16,250	16,297	15,346	15,704	17,066	15,467	14,650	17,913	16,953	15,952	17,672	r17,083	16,872	.....
Transportation equipment	do	[1]301,530	[1]320,028	24,199	31,031	31,002	28,458	28,496	26,497	27,933	23,531	28,359	26,704	28,964	r26,115	30,272	.....
Aircraft, missiles, and parts	do	[1]93,227	[1]101,549	5,993	12,961	10,928	8,720	8,238	7,169	10,023	5,303	9,226	8,525	9,530	r6,783	12,569	.....
Nondurable goods industries, total	do	[1]1,092,282	[1]1,097,983	93,069	93,682	92,939	91,014	88,314	89,404	89,498	89,065	88,340	88,991	90,676	r88,933	91,148	.....
Industries with unfilled orders ‡	do	[1]244,241	[1]253,010	21,090	22,093	21,948	22,063	21,660	21,901	21,916	22,914	22,616	22,390	23,774	r23,319	23,313	.....
Industries without unfilled orders ◊	do	[1]848,041	[1]844,973	71,979	71,589	70,991	68,951	66,654	67,503	67,582	66,151	65,724	66,601	66,902	r65,614	67,835	.....
By market category:																	
Home goods and apparel	do	[1]156,164	[1]158,436	13,468	13,151	13,942	13,549	13,534	13,249	12,963	13,944	13,273	13,755	14,332	r13,624	13,705	.....
Consumer staples	do	[1]403,509	[1]416,615	35,402	35,676	36,132	35,916	35,858	35,946	36,918	37,284	37,198	37,231	38,044	r37,420	38,169	.....
Equip. and defense prod., exc. auto	do	[1]361,887	[1]372,485	28,085	33,690	29,852	29,968	32,463	29,456	29,954	30,495	32,404	30,501	30,473	r26,930	32,615	.....
Automotive equipment	do	[1]214,151	[1]225,235	19,918	18,939	21,482	20,512	18,132	19,835	18,530	18,286	18,631	18,533	19,681	r20,091	19,246	.....
Construction materials, supplies, and intermediate products	do	[1]179,527	[1]206,388	17,230	16,838	18,220	17,869	17,399	18,635	18,326	18,106	17,980	17,577	18,250	r18,476	18,163	.....
Other materials, supplies, and intermediate products	do	[1]984,368	[1]970,244	82,762	82,919	81,505	80,745	75,610	76,030	75,431	73,680	75,074	75,239	78,619	r75,961	78,523	.....
Supplementary series:																	
Household durables	do	[1]74,969	[1]77,761	6,665	6,328	7,139	6,639	6,824	6,641	6,471	7,289	6,762	7,235	7,707	r7,333	7,292	.....
Capital goods industries	do	[1]413,931	[1]423,055	32,598	37,718	34,638	35,837	36,987	32,679	34,575	33,674	37,544	34,657	37,060	r31,913	39,045	.....
Nondefense	do	[1]324,208	[1]326,584	25,788	30,566	24,288	28,637	26,540	26,179	26,145	26,421	27,387	26,325	28,222	r26,912	28,647	.....
Defense	do	[1]89,723	[1]96,471	6,810	7,152	10,350	7,200	10,447	6,500	8,430	7,253	10,157	8,332	8,838	r5,001	10,398	.....

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984	Units	Annual 1984	Annual 1985	1985 Nov.	1985 Dec.	1986 Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
GENERAL BUSINESS INDICATORS—Continued																	
MANUFACTURERS' SALES, INVENTORIES, AND ORDERS—Continued																	
Unfilled orders, end of period (unadjusted), total	mil. $	352,940	361,360	355,178	361,360	367,685	372,392	377,718	374,866	370,886	365,557	364,405	360,596	361,909	r360,001	360,465	
Durable goods industries, total	do	343,026	350,891	345,114	350,891	357,046	361,493	366,777	363,870	359,816	354,703	353,438	349,861	350,838	r348,916	349,468	
Nondurable goods industries with unfilled orders ‡	do	9,914	10,469	10,064	10,469	10,639	10,899	10,941	10,996	11,070	10,854	10,967	10,735	11,071	r11,085	10,997	
Unfilled orders, end of period (seasonally adjusted) total	mil. $	355,640	363,809	361,680	363,809	366,226	368,511	370,456	367,475	366,529	364,682	365,948	365,479	368,597	r364,897	367,086	
By industry group:																	
Durable goods industries, total #	do	345,443	353,036	351,282	353,036	355,599	357,599	359,588	356,743	355,695	353,872	355,112	354,803	357,499	r353,625	355,713	
Primary metals	do	19,100	19,747	19,951	19,747	20,224	20,679	20,608	20,111	19,090	18,929	18,343	19,230	19,428	r19,371	19,293	
Blast furnaces, steel mills	do	8,660	9,191	9,432	9,191	9,173	9,516	9,700	9,495	8,872	8,808	8,340	9,190	9,569	r9,356	9,411	
Nonferrous and other primary metals	do	7,444	7,064	6,951	7,064	7,422	7,511	7,212	6,745	6,296	6,222	6,200	6,156	5,977	r5,955	6,015	
Fabricated metal products	do	21,651	20,414	20,500	20,414	20,274	20,248	19,656	19,756	19,635	19,434	19,383	19,175	18,960	r18,780	19,004	
Machinery, except electrical	do	61,328	59,407	60,834	59,407	58,246	59,584	58,288	57,156	56,813	56,166	56,288	56,458	56,384	r54,865	55,056	
Electrical machinery	do	78,868	82,339	82,380	82,339	82,844	82,729	83,608	83,536	82,666	84,263	85,044	84,113	84,527	r84,701	83,946	
Transportation equipment	do	147,596	154,122	151,022	154,122	156,604	157,100	160,566	159,546	160,869	158,513	159,575	159,424	161,306	r159,087	161,616	
Aircraft, missiles, and parts	do	119,920	130,785	126,867	130,785	134,093	134,871	135,647	134,934	136,851	134,229	134,705	135,067	136,877	r134,782	138,536	
Nondurable goods industries with unfilled orders ‡	do	10,197	10,773	10,398	10,773	10,627	10,912	10,868	10,732	10,834	10,810	10,836	10,676	11,098	r11,272	11,373	
By market category:																	
Home goods and apparel	do	4,562	4,202	4,366	4,202	4,681	4,679	4,685	4,572	4,327	4,214	4,033	4,157	4,382	r4,545	4,653	
Consumer staples	do	649	751	741	751	710	756	849	875	837	771	776	727	683	r684	728	
Equip. and defense prod., excl. auto	do	219,947	228,264	226,480	228,264	229,245	229,420	231,471	230,543	230,818	230,562	232,532	232,402	233,140	r229,584	230,945	
Automotive equipment	do	6,287	5,377	5,729	5,377	5,400	5,625	5,935	5,871	5,657	5,669	5,552	5,254	5,239	r5,469	5,392	
Construction materials, supplies, and intermediate products	do	12,640	12,418	12,220	12,418	12,468	12,658	12,088	11,958	11,998	11,888	11,967	11,859	11,763	r11,616	11,413	
Other materials, supplies, and intermediate products	do	111,555	112,797	112,144	112,797	113,722	115,373	115,428	113,656	112,892	111,578	111,088	111,080	113,390	r112,999	113,955	
Supplementary series:																	
Household durables	do	4,155	3,749	3,940	3,749	4,168	4,087	4,073	4,025	3,785	3,700	3,522	3,610	3,828	r4,028	4,204	
Capital goods industries	do	263,713	275,320	274,175	275,320	277,573	279,265	281,869	279,860	280,367	278,834	280,875	280,604	282,896	r279,079	281,525	
Nondefense	do	133,938	133,823	131,887	133,823	132,759	134,832	134,068	132,892	132,455	131,633	131,600	130,641	131,782	r130,972	131,714	
Defense	do	129,775	141,497	142,288	141,497	144,814	144,433	147,801	146,968	147,912	147,201	149,275	149,963	151,114	r148,107	149,811	
BUSINESS INCORPORATIONS @																	
New incorporations (50 States and Dist. Col.):																	
Unadjusted	number	634,991	668,904	51,015	57,958	60,497	55,750	61,263	63,652	59,407	59,227	58,598	52,554				
Seasonally adjusted	do			57,320	57,785	57,452	61,062	59,020	59,880	55,886	56,894	57,789	55,672				
INDUSTRIAL AND COMMERCIAL FAILURES @																	
Failures, total	number	52,078	57,067	5,776	4,168	5,563	4,839	4,992									
Commercial service	do	12,787	16,626	1,763	1,361	1,797	1,528	1,542									
Construction	do	6,936	6,956	701	491	654	606	555									
Manufacturing and mining	do	5,759	5,647	585	413	513	434	495									
Retail trade	do	13,787	13,418	1,331	923	1,336	1,157	1,143									
Wholesale trade	do	4,882	4,815	473	366	428	372	432									
Liabilities (current), total	mil. $	29,268.6	33,375.9	5,026.9	1,707.8	3,590.4	3,518.2	2,746.6									
Commercial service	do	4,058.1	7,091.8	1,781.8	267.9	1,395.3	568.0	530.8									
Construction	do	1,651.4	2,028.3	290.8	249.7	202.6	130.8	135.0									
Manufacturing and mining	do	5,954.3	7,651.5	1,350.3	346.0	596.8	1,383.8	856.8									
Retail trade	do	2,385.4	2,838.2	218.5	181.7	257.7	200.8	301.0									
Wholesale trade	do	3,567.8	2,897.8	503.9	199.2	109.2	239.3	184.4									
Failure annual rate (seasonally adjusted)	No. per 10,000 concerns																
COMMODITY PRICES																	
PRICES RECEIVED AND PAID BY FARMERS †																	
Prices received, all farm products	1910-14=100	650	586	578	583	567	557	557	551	560	554	569	573	558	554	r567	553
Crops #	do	600	520	495	509	489	478	482	492	493	471	455	437	419	419	r442	430
Commercial vegetables	do	673	638	661	865	685	581	626	734	719	574	584	609	640	647	r720	624
Cotton	do	554	472	473	450	447	468	464	476	480	476	495	399	400	398	r447	468
Feed grains and hay	do	459	385	345	358	361	357	356	358	371	347	307	274	243	240	250	253
Food grains	do	394	365	368	370	365	360	372	370	331	276	251	248	250	253	r266	265
Fruit	do	746	678	698	644	591	569	556	540	583	655	609	663	641	673	r702	629
Tobacco	do	1,484	1,496	1,418	1,417	1,423	1,411	1,386	1,379	1,374	1,374	1,374	1,243	1,321	1,265	1,273	1,273
Livestock and products #	do	701	654	665	661	649	640	635	612	630	641	689	715	705	697	699	681
Dairy products	do	823	779	771	771	764	759	746	734	734	728	734	746	777	801	820	820
Meat animals	do	854	802	805	802	794	787	769	742	777	798	857	887	874	848	r848	832
Poultry and eggs	do	308	271	304	297	278	265	284	263	266	271	322	345	314	318	310	283
Prices paid:																	
Production items	do	897	873	862	860	866	862	(2)	844			840			828		
All commodities and services, interest, taxes, and wage rates (parity index)	1910-14=100	1,130	1,121	1,116	1,116	1,121	1,119	(2)	1,108			1,109			1,103		
Parity ratio §	do	58	52	52	52	51	50	(2)	50			50			50		
CONSUMER PRICES *(U.S. Department of Labor Indexes)* **Not Seasonally Adjusted**																	
ALL ITEMS, WAGE EARNERS AND CLERICAL WORKERS, REVISED (CPI-W)	1967=100	307.6	318.5	322.6	323.4	324.3	323.2	321.4	320.4	321.4	323.0	322.9	323.4	324.9	325.0	325.4	325.7
ALL ITEMS, ALL URBAN CONSUMERS (CPI-U)	1967=100	311.1	322.2	326.6	327.4	328.4	327.5	326.0	325.3	326.3	327.9	328.0	328.6	330.2	330.5	330.8	331.1
Special group indexes:																	
All items less shelter	do	295.1	303.9	307.2	307.9	308.8	307.4	305.2	303.6	304.7	306.5	306.1	306.4	307.9	307.8	308.0	308.3
All items less food	do	311.3	323.3	328.5	328.9	329.5	328.5	326.6	325.7	326.7	328.6	328.0	328.1	330.0	330.2	330.4	330.6
All items less medical care	do	307.3	317.7	321.9	322.6	323.4	322.2	320.5	319.7	320.6	322.2	322.1	322.6	324.2	324.4	324.5	324.8

See footnotes at end of tables.

Data for the series shown in the S (or "blue") pages of the SURVEY OF CURRENT BUSINESS are now available on diskette.
See page S-36 for details.

COMMODITY PRICES—Continued

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984	Units	Annual 1984	Annual 1985	1985 Nov.	1985 Dec.	1986 Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
CONSUMER PRICES—Continued *(U.S. Department of Labor Indexes)—Continued*																	
Not Seasonally Adjusted																	
All items (CPI-U)—Continued																	
Commodities	1967=100	280.7	286.7	289.2	289.9	290.1	287.4	283.7	281.2	282.1	282.8	281.9	281.9	283.5	283.6	284.0	284.2
Nondurables	do	286.6	293.2	296.4	297.4	297.7	294.3	289.5	286.3	287.4	288.2	287.1	287.4	289.4	289.0	289.2	289.5
Nondurables less food	do	270.8	277.2	282.0	282.0	280.4	274.5	265.6	259.2	260.5	261.8	257.3	255.6	258.9	257.8	257.4	257.5
Durables	do	266.5	270.7	271.5	271.4	271.4	270.5	269.7	269.2	269.6	269.9	269.6	269.0	269.3	270.5	271.8	271.7
Commodities less food	do	267.0	272.5	275.7	275.7	274.7	270.9	265.2	261.2	262.1	263.0	260.2	259.0	261.1	260.9	261.2	261.2
Services	do	363.0	381.5	388.7	389.5	391.7	393.3	394.9	396.8	397.9	401.0	402.3	403.7	405.5	406.1	406.1	406.6
Food #	do	302.9	309.8	311.0	313.2	315.6	315.3	315.4	316.1	317.0	317.1	320.1	322.7	323.2	323.7	324.6	325.2
Food at home	do	292.6	296.8	296.6	299.3	302.5	301.5	301.2	301.5	302.1	301.6	305.5	308.9	309.0	309.5	309.9	310.2
Housing	do	336.5	349.9	355.0	355.8	356.8	356.5	357.0	358.0	358.5	361.2	361.5	362.4	363.7	363.0	361.7	362.1
Shelter #	do	361.7	382.0	391.3	392.3	393.8	394.8	397.0	400.1	400.9	401.6	403.5	405.2	407.6	409.5	410.2	410.4
Rent, residential	do	249.3	264.6	271.7	272.4	273.4	273.7	275.0	277.9	278.4	279.4	281.2	281.7	283.2	284.6	285.6	286.0
Homeowners' cost	Dec. 1982=100	107.3	113.1	115.8	116.3	116.7	117.0	117.9	118.7	118.9	119.0	119.4	119.9	120.7	121.3	121.5	121.6
Fuel and utilities #	1967=100	387.3	393.6	392.1	393.3	394.6	390.0	385.5	381.8	382.5	393.8	389.4	389.5	388.3	379.1	371.1	371.0
Fuel oil, coal, and bottled gas	do	641.8	619.5	641.6	657.3	650.3	591.2	549.9	518.3	496.8	486.6	459.4	447.3	453.5	451.9	452.0	460.6
Gas (piped) and electricity	do	445.2	452.7	440.5	439.9	442.6	444.5	442.3	439.2	444.6	466.0	462.3	464.5	461.1	441.4	426.7	425.3
Household furnishings and operation	do	242.5	247.2	248.9	248.8	248.8	249.0	249.8	249.6	249.9	250.2	250.5	250.5	251.5	251.6	251.2	252.4
Apparel and upkeep	do	200.2	206.0	211.2	209.0	205.0	204.1	206.3	207.3	206.4	204.5	203.2	207.0	212.1	213.2	213.1	210.9
Transportation	do	311.7	319.9	323.2	324.0	323.9	319.2	309.6	303.3	305.7	308.6	304.7	301.3	302.2	302.6	304.3	304.8
Private	do	306.6	314.2	317.0	317.8	317.3	312.2	302.1	295.3	297.8	300.8	296.5	292.8	293.7	294.1	295.8	295.9
New cars	do	208.5	215.2	218.4	219.4	219.9	220.4	220.3	221.2	223.0	224.2	224.7	224.7	224.5	227.1	230.7	232.2
Used cars	do	375.7	379.7	376.4	375.6	374.1	370.7	367.2	364.8	363.6	362.5	360.3	358.0	359.5	360.6	361.0	356.6
Public	do	385.2	402.8	412.8	412.9	419.6	422.2	421.2	422.2	423.7	425.4	428.0	428.0	428.5	428.7	431.7	437.5
Medical care	do	379.5	403.1	413.0	414.7	418.2	422.3	425.8	428.0	429.7	432.0	434.8	437.5	439.7	442.3	444.6	446.8
Seasonally Adjusted †																	
All items, percent change from previous month				.6	.4	.3	−.4	−.4	−.3	.2	.5	.0	.2	.3	.2	.3	.2
Commodities	1967=100			289.0	290.2	291.1	287.6	283.7	280.7	281.4	282.2	281.6	281.9	283.3	283.3	284.0	284.7
Commodities less food	do			274.8	275.5	276.0	271.9	266.0	261.0	261.3	262.4	260.1	259.1	260.5	260.0	260.1	260.9
Food	do			313.2	315.2	315.9	313.8	314.1	315.0	316.4	316.7	319.5	322.5	323.9	325.0	326.7	327.2
Food at home	do			299.4	301.8	302.6	299.5	299.4	300.0	301.2	301.1	304.9	308.5	309.7	311.0	312.6	312.7
Apparel and upkeep	do			208.4	208.3	207.7	206.6	206.3	206.9	206.5	205.8	206.2	207.7	209.4	209.9	210.3	210.3
Transportation	do			322.6	323.9	325.5	320.9	311.8	304.0	304.9	307.4	303.6	300.8	302.0	302.3	303.8	304.6
Private	do			316.5	317.7	319.1	314.0	304.4	296.2	297.0	299.5	295.4	292.3	293.6	294.0	295.3	295.8
New cars	do			217.7	218.4	218.6	219.5	219.9	221.2	223.0	224.4	225.2	225.8	226.3	228.0	230.0	231.3
Services	do			389.0	390.3	391.9	393.7	395.6	397.8	398.2	400.7	401.7	402.9	403.7	404.8	406.0	407.1
PRODUCER PRICES § *(U.S. Department of Labor Indexes)*																	
Not Seasonally Adjusted																	
All commodities	1967=100	310.3	308.7	309.5	310.2	308.9	304.4	300.3	298.2	299.2	299.0	297.4	297.2	297.7	298.3	298.7	298.1
By stage of processing:																	
Crude materials for further processing	do	330.8	306.1	304.7	304.3	301.0	289.0	281.1	273.7	279.4	276.9	277.7	r276.3	275.5	276.7	278.4	274.8
Intermediate materials, supplies, etc	do	320.0	318.7	318.1	318.9	317.4	313.5	309.5	307.1	306.7	306.8	304.8	304.5	306.1	304.9	304.9	305.0
Finished goods #	do	291.1	293.7	296.4	297.2	296.0	291.9	288.0	287.2	288.9	289.3	287.6	r288.1	287.5	290.5	290.7	289.9
Finished consumer goods	do	290.3	291.8	294.4	295.4	293.8	288.4	283.4	281.9	284.1	284.5	282.3	r283.0	282.7	284.9	285.0	284.2
Capital equipment	do	294.0	300.5	303.8	303.7	303.9	304.3	304.3	305.6	305.7	306.1	306.4	r306.2	304.2	310.1	310.5	310.1
By durability of product:																	
Durable goods	do	293.6	297.3	298.5	298.5	298.1	298.4	298.6	299.7	299.6	299.7	300.0	r299.9	299.2	302.3	302.5	302.1
Nondurable goods	do	323.3	317.2	317.6	318.8	316.8	308.4	300.7	296.0	297.9	297.7	294.5	r294.2	295.6	294.2	294.6	294.0
Total manufactures	do	302.9	304.3	305.4	306.0	304.8	301.1	297.3	296.1	296.7	296.9	295.2	r295.5	296.2	297.0	297.2	297.2
Durable manufactures	do	293.9	298.1	299.5	299.5	299.0	299.3	299.4	300.5	300.4	300.5	300.9	r300.8	300.1	303.2	303.4	302.9
Nondurable manufactures	do	312.3	310.5	311.4	312.5	310.6	302.9	294.9	291.2	292.6	293.0	289.1	289.7	292.0	290.2	290.5	290.9
Farm products, processed foods and feeds	do	262.4	250.5	251.0	252.6	251.5	248.3	247.3	246.2	250.8	249.8	254.2	r255.5	254.6	255.4	255.2	254.6
Farm products	do	255.8	230.5	230.4	232.2	227.4	221.8	220.2	218.6	227.0	222.6	228.6	r227.0	221.7	225.4	229.3	226.8
Foods and feeds, processed	do	265.0	260.4	261.2	262.8	263.3	261.4	260.7	259.9	262.3	263.2	266.8	r269.6	269.0	268.2	267.9	268.4
Industrial commodities	do	322.6	323.8	324.7	325.1	323.8	318.9	314.0	311.6	311.6	311.8	308.5	r307.9	308.8	309.3	309.8	309.3
Chemicals and allied products	do	300.8	303.2	302.6	301.9	305.1	303.7	303.8	300.2	298.5	298.4	298.4	r297.0	297.1	298.0	298.5	297.5
Fuels and related prod., and power	do	656.8	633.6	634.7	639.6	620.3	567.0	512.1	482.4	483.8	484.7	444.3	r438.4	455.3	440.1	438.2	435.9
Furniture and household durables	do	218.7	221.6	222.2	222.4	222.7	223.0	223.2	223.6	224.1	224.2	224.1	r224.2	223.9	224.4	224.6	225.0
Hides, skins, and leather products	do	286.3	286.1	290.0	292.4	293.7	294.1	293.6	295.0	296.5	297.9	297.4	r297.0	297.1	297.5	299.1	301.5
Lumber and wood products	do	307.4	303.6	296.9	298.1	298.9	297.1	301.2	308.6	308.1	306.0	306.8	r307.2	308.3	307.0	307.6	306.7
Machinery and equipment	do	293.1	298.9	300.1	300.4	301.1	301.6	302.0	302.7	302.9	303.1	303.9	r304.1	304.3	304.4	304.9	305.0
Metals and metal products	do	316.1	314.9	313.3	313.4	311.0	311.2	311.2	311.0	310.6	310.7	310.4	311.1	311.8	312.1	312.2	311.8
Nonmetallic mineral products	do	337.3	347.8	350.5	351.1	352.5	352.3	352.4	352.8	353.6	353.0	352.9	r351.8	351.1	351.2	350.9	349.8
Pulp, paper, and allied products	do	318.5	327.2	327.3	327.4	330.6	331.1	331.3	332.8	333.8	334.2	335.2	r336.4	337.9	339.5	340.5	340.6
Rubber and plastics products	do	246.8	245.9	245.5	246.0	246.9	247.5	246.7	246.7	246.3	246.1	245.4	r246.2	246.3	245.2	244.4	244.9
Textile products and apparel	do	210.0	210.4	210.6	210.6	210.7	210.9	211.4	211.1	211.2	211.1	211.4	r211.2	210.9	210.9	211.3	211.0
Transportation equip. #	Dec. 1968=100	262.6	269.5	275.2	274.1	273.3	273.8	273.5	275.5	275.1	275.4	275.7	r274.7	270.3	282.6	282.7	281.7
Motor vehicles and equip	1967=100	261.5	267.3	273.2	271.9	270.3	270.8	270.2	272.9	272.6	273.0	273.3	r272.0	265.7	284.4	284.2	282.9
Seasonally Adjusted †																	
Finished goods, percent change from previous month				.7	.6	−.7	−1.6	−1.0	−.5	.5	.1	−.6	r.3	r.5	.3	.2	.0
By stage of processing:																	
Crude materials for further processing	1967=100			308.0	307.0	302.9	286.6	280.2	270.7	276.4	275.0	276.0	r276.7	277.3	281.8	281.9	277.3
Intermediate materials, supplies, etc	do			318.6	319.9	318.4	313.8	310.1	307.1	306.2	306.1	304.2	304.2	305.8	304.9	305.4	305.9
Finished goods #	do			296.4	298.3	296.1	291.3	288.5	287.0	288.5	288.8	287.0	r288.0	289.3	290.3	290.9	290.9
Finished consumer goods	do			294.5	296.7	294.1	287.8	284.1	281.9	283.7	283.9	281.5	r282.8	284.1	285.0	285.4	285.4
Foods	do			273.7	276.5	274.9	270.3	270.7	271.1	274.7	274.6	279.6	r284.0	283.1	285.7	285.4	284.4
Finished goods, exc. foods	do			300.0	301.9	298.8	291.8	286.0	282.5	283.4	283.8	277.5	r277.2	279.8	279.7	280.4	281.0
Durable	do			243.8	243.6	242.3	242.9	243.7	245.9	245.5	246.1	246.4	r246.3	248.2	251.6	252.2	252.1
Nondurable	do			342.3	346.0	341.3	328.7	317.9	310.1	312.1	312.3	301.1	r300.7	303.6	301.0	301.8	302.9
Capital equipment	do			303.4	303.8	303.3	303.7	304.3	305.3	305.4	306.0	306.3	r306.5	307.7	309.2	310.1	310.1
PURCHASING POWER OF THE DOLLAR																	
As measured by:																	
Producer prices	1967=$1.00	.343	.340	.337	.336	.338	.343	.347	.348	.346	.346	.348	.347	.348	.344	.344	.345
Consumer prices	do	.321	.310	.306	.305	.305	.305	.307	.307	.306	.305	.305	.304	.303	.303	.302	.302

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984	Units	Annual 1984	Annual 1985	1985 Nov.	1985 Dec.	1986 Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
CONSTRUCTION AND REAL ESTATE																	
CONSTRUCTION PUT IN PLACE @																	
New construction (unadjusted), total	mil. $	327,209	355,572	31,004	28,219	25,207	24,608	26,943	28,750	31,988	34,665	r34,945	r36,282	r36,378	r35,186	32,455	
Private, total #	do	271,975	292,792	25,564	23,709	21,004	20,628	22,560	23,603	25,960	27,943	r27,805	r28,723	r28,615	r28,180	26,476	
Residential	do	155,147	158,817	13,702	12,031	10,643	10,456	12,273	12,840	15,049	16,737	r16,564	r17,338	r16,992	r16,499	15,368	
New housing units	do	115,124	115,974	10,259	8,909	8,389	8,040	9,368	10,177	11,336	12,303	12,925	13,119	r13,008	r12,813	12,115	
Nonresidential buildings, except farm and public utilities, total #	mil. $	81,147	95,317	8,500	8,253	7,534	7,326	7,303	7,678	7,702	7,860	7,969	8,235	8,423	r8,307	7,921	
Industrial	do	13,745	15,769	1,361	1,417	1,172	1,208	1,057	1,149	1,123	1,113	1,097	1,084	1,207	r1,177	1,068	
Commercial	do	48,107	59,628	5,386	5,160	4,827	4,577	4,637	4,865	4,823	4,928	5,060	5,261	5,263	r5,069	4,914	
Public utilities: Telephone and telegraph	do	7,174	7,484	612	574	511	513	583	652	634	704	666	624	659	714		
Public, total #	do	55,234	62,780	5,441	4,510	4,203	3,980	4,384	5,148	6,028	6,722	r7,140	r7,559	r7,763	r7,007	5,978	
Buildings (excl. military) #	do	17,883	20,172	1,689	1,593	1,533	1,544	1,618	1,804	1,867	2,024	r2,232	r2,351	r2,392	r2,230	2,116	
Housing and redevelopment	do	1,636	1,511	127	124	113	107	95	133	119	107	r127	r140	r139	r130	136	
Industrial	do	1,828	1,968	122	130	131	142	142	151	159	122	r149	125	r169	125	124	
Military facilities	do	2,839	3,283	300	295	284	331	306	310	303	313	r296	r344	r421	r308	310	
Highways and streets	do	16,341	19,998	1,731	1,151	904	807	981	1,409	1,991	2,380	2,567	2,672	2,584	r2,350	1,629	
New construction (seasonally adjusted at annual rates), total	bil. $			357.6	365.6	373.4	373.9	368.0	373.9	374.5	375.4	r380.7	r382.6	r382.6	r379.7	377.0	
Private, total #	do			294.4	300.6	305.4	305.7	298.9	303.3	302.6	304.6	r309.0	r310.2	r308.6	r307.7	306.2	
Residential	do			158.2	161.8	163.4	164.7	165.6	170.5	172.5	174.5	r178.8	r178.8	r178.5	r178.6	178.0	
New housing units	do			117.5	118.7	122.8	124.7	126.5	129.4	132.4	135.2	r136.6	r137.8	r138.5	r139.5	139.5	
Nonresidential buildings, except farm and public utilities, total #	bil. $			97.7	100.7	101.2	100.5	94.6	94.8	91.9	91.5	r92.6	r94.4	r93.3	r92.1	91.6	
Industrial	do			16.1	16.5	15.8	16.4	13.4	14.6	13.7	13.0	12.9	r12.5	r13.2	r12.9	12.7	
Commercial	do			61.2	63.9	65.2	63.5	60.7	59.8	57.4	57.4	58.1	60.1	r58.0	r56.4	56.1	
Public utilities: Telephone and telegraph	do			7.1	7.0	7.5	7.5	7.4	7.9	7.6	7.8	7.5	r7.2	7.4	7.6		
Public, total #	do			63.2	64.9	68.0	68.3	69.2	70.6	71.9	70.8	r71.7	r72.4	r74.0	r71.9	70.7	
Buildings (excl. military) #	do			20.0	20.4	20.2	21.5	21.5	22.6	22.6	22.6	r24.5	r24.9	r25.9	25.1	25.3	
Housing and redevelopment	do			1.5	1.5	1.4	1.3	1.1	1.6	1.4	1.3	1.5	1.7	r1.7	1.6	1.6	
Industrial	do			1.5	1.6	1.6	1.7	1.7	1.8	1.9	1.5	1.8	1.5	2.0	1.5	1.5	
Military facilities	do			3.6	3.5	3.4	4.0	3.7	3.7	3.6	3.8	r3.6	r4.1	r5.0	r3.7	3.7	
Highways and streets	do			19.9	21.0	22.1	22.3	22.7	23.2	23.2	22.0	r21.6	r21.6	r20.6	r20.3	19.2	
CONSTRUCTION CONTRACTS																	
Construction contracts in 50 States (F.W. Dodge Division, McGraw-Hill): Valuation, total	mil. $	211,480	227,650	r17,691	r16,276	13,681	14,572	17,733	22,438	21,589	21,649	21,835	20,489	19,852	21,076	17,367	17,163
Index (mo. data seas. adj.)	1977=100	[1]150	[1]161	162	162	154	174	163	186	171	169	171	168	158	170	171	175
Public ownership	mil. $	49,068	54,224	r3,907	r3,995	2,974	4,212	4,243	5,384	5,236	5,655	5,906	5,165	4,908	5,211	3,753	4,418
Private ownership	do	162,412	173,426	r13,783	r12,281	10,706	10,361	13,490	17,054	16,352	15,994	15,929	15,325	14,943	15,865	13,614	12,745
By type of building: Nonresidential	do	74,259	80,750	r6,514	r5,765	4,998	4,726	5,589	6,634	6,482	6,761	6,970	6,788	6,876	7,124	6,624	5,584
Residential	do	101,389	106,771	r8,295	r7,542	6,623	6,602	9,069	11,791	11,252	10,977	10,840	10,145	9,950	10,636	8,361	8,034
Non-building construction	do	35,833	40,129	r2,882	r2,969	2,060	3,244	3,076	4,012	3,854	3,911	4,025	3,556	3,026	3,316	2,382	3,545
New construction planning (Engineering News-Record) $	do	193,603	206,622	25,088	19,975	18,812	16,793	17,478	12,929	17,953	12,525	16,767	16,591	13,409			
HOUSING STARTS AND PERMITS																	
New housing units started: Unadjusted: Total (private and public)	thous	1,755.8	1,744.9	124.1	120.5	115.7	107.2	151.0	188.2	186.7	183.6	172.2	163.8	154.3	154.9	115.9	114.1
Privately owned	do	1,749.5	1,741.8	124.1	120.5	115.6	107.2	151.0	188.2	186.6	183.6	172.0	163.8	154.0	154.8	r115.8	114.0
One-family structures	do	1,084.2	1,072.4	73.4	66.0	72.0	65.1	97.0	118.4	126.1	124.9	113.5	109.4	102.5	r100.9	r77.4	72.3
Seasonally adjusted at annual rates: ◇ Total privately owned	do			1,654	1,882	2,034	2,001	1,960	2,019	1,853	1,852	1,782	1,795	1,664	1,628	r1,585	1,802
One-family structures	do			1,006	1,098	1,335	1,202	1,221	1,242	1,241	1,230	1,137	1,186	1,102	r1,085	r1,087	1,209
New private housing units authorized by building permits (17,000 permit-issuing places): † Monthly data are seas. adj. at annual rates: Total	thous	1,682	1,733	1,668	1,839	1,861	1,808	1,834	1,885	1,788	1,792	1,759	1,673	1,603	1,565	r1,613	1,893
One-family structures	do	922	957	932	963	1,060	1,033	1,043	1,139	1,092	1,121	1,093	1,039	1,047	1,006	r991	1,144
Manufacturers' shipments of mobile homes: Unadjusted	thous	295.6	283.5	20.9	16.9	18.9	18.7	20.5	22.9	22.5	21.4	20.3	21.6	21.5	23.1	17.2	
Seasonally adjusted at annual rates	do			287	285	280	266	240	249	239	226	236	232	244	244	238	
CONSTRUCTION COST INDEXES																	
Dept. of Commerce composite ‡	1982=100	106.3	109.4	110.3	110.3	110.6	110.6	110.9	112.0	112.8	112.9	r112.4	r112.3	r112.4	r112.3	112.4	
Boeckh indexes: Average, 20 cities: Apartments, hotels, office buildings	1982=100	111.2	113.0	113.9		114.1		114.2		114.4		114.9		115.6		116.1	
Commercial and factory buildings	do	109.4	111.3	112.4		112.6		112.8		112.9		113.3		113.8		114.0	
Residences	do	111.9	115.1	116.3		116.5		116.6		116.8		117.3		118.1		118.6	
Engineering News-Record: Building	1967=100	357.8	358.7	362.1	361.1	359.5	360.9	361.2	363.3	366.4	368.4	369.3	368.8	370.0	371.4	371.3	[2]371.5
Construction	do	386.2	390.1	393.9	392.9	391.5	392.6	392.7	393.7	396.8	398.3	402.4	402.3	402.5	404.2	404.0	[2]404.8
Federal Highway Adm.—Highway construction: Composite (avg. for year or qtr.)	1977=100	155.0	172.1		171.5			175.7			169.0			176.0			

See footnotes at end of tables.

Data for the series shown in the S (or "blue") pages of the SURVEY OF CURRENT BUSINESS are now available on diskette.
See page S-36 for details.

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984	Units	Annual		1985		1986											
		1984	1985	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
CONSTRUCTION AND REAL ESTATE—Continued																	
REAL ESTATE ◊																	
Mortgage applications for new home construction:																	
FHA applications	thous. units	115.6	180.8	14.8	14.8	24.1	24.8	39.1	51.0	41.0	26.9	24.7	20.2	21.7	18.9	16.2	16.7
Seasonally adjusted annual rates	do			219	212	329	336	441	548	455	314	280	232	243	228	252	242
Requests for VA appraisals	do	198.7	215.0	16.8	14.3	16.4	16.9	21.2	27.3	28.6	24.3	23.2	20.7	19.3	r17.5	13.5	14.5
Seasonally adjusted annual rates	do			240	216	219	215	228	291	326	277	258	241	238	r211	203	208
Home mortgages insured or guaranteed by:																	
Fed. Hous. Adm.: Face amount	mil. $	14,524.93	23,963.94	3,277.07	1,605.68	3,150.98	3,276.93	4,032.79	3,390.61	5,277.44	3,944.51	4,434.27	6,551.19	5,309.32	5,075.74	6,926.72	
Vet. Adm.: Face amount §	do	12,728.42	13,047.56	1,693.10	1,347.17	1,304.65	1,242.44	1,621.70	1,298.65	1,742.12	2,396.95	1,942.20	2,656.80	3,466.86	2,024.13	2,257.13	2,768.00
Federal Home Loan Banks, outstanding advances to member institutions, end of period	mil. $	74,621	88,835	86,942	88,835	87,190	86,892	87,231	91,107	91,882	94,840	97,373	98,360	99,036	100,310	101,109	108,645
New mortgage loans of all savings and loan associations, estimated total	mil. $	172,091	179,972	14,280	19,374	12,047	11,564	14,572	r16,686	r18,753	r22,361	r21,036	r21,314	r19,762	r19,866	16,121	
By purpose of loan:																	
Home construction	do	25,523	25,305	1,947	2,426	1,603	1,642	2,006	r2,322	1,952	2,151	r2,194	r1,952	r2,043	r2,102	1,640	
Home purchase *	do	102,670	111,596	9,442	11,469	7,660	7,720	9,715	r11,290	r14,048	r16,556	r16,300	r16,430	r15,066	r14,955	12,147	
All other purposes *	do	43,895	43,067	2,890	5,479	2,783	2,202	2,851	3,074	2,754	3,655	r2,542	r2,933	r2,653	r2,809	2,335	
DOMESTIC TRADE																	
ADVERTISING																	
Magazine advertising (Leading National Advertisers):																	
Cost, total	mil. $	4,668.0															
Apparel and accessories	do	240.0															
Automotive, incl. accessories	do	473.5															
Building materials	do	68.7															
Drugs and toiletries	do	463.6															
Foods, soft drinks, confectionery	do	334.9															
Beer, wine, liquors	do	242.1															
Houshold equip., supplies, furnishings	do	191.6															
Industrial materials	do	48.0															
Soaps, cleansers, etc	do	34.6															
Smoking materials	do	422.6															
All other	do	2,148.5															
Newspaper advertising expenditures (Newspaper Advertising Bureau, Inc.):																	
Total	mil. $	23,523	25,170	2,402	2,280	1,862	1,902	2,220	2,259	2,306	2,321	2,073	2,309				
Classified	do	7,657	8,376	708	573	677	671	781	793	799	839	794	860				
National	do	3,081	3,352	335	264	266	255	291	294	304	309	227	258				
Retail	do	12,784	13,443	1,358	1,442	919	975	1,147	1,172	1,203	1,173	1,053	1,191				
WHOLESALE TRADE †																	
Merchant wholesalers sales (unadj.), total	mil. $	1,360,853	1,373,926	113,874	116,941	112,335	102,577	113,986	115,789	114,902	114,570	115,361	111,946	118,531	r124,768	113,389	
Durable goods establishments	do	609,210	626,749	52,393	52,653	50,115	47,324	53,148	56,202	55,285	56,071	56,057	53,897	57,941	r61,875	54,355	
Nondurable goods establishments	do	751,643	747,177	61,481	64,288	62,220	55,253	60,838	59,587	59,617	58,499	59,304	58,049	60,590	r62,893	59,034	
Merchant wholesalers inventories, book value, end of period (unadj.), total	mil. $	132,733	137,139	136,376	137,139	137,103	137,385	138,407	138,205	136,087	137,340	137,684	137,331	139,365	r140,360	140,120	
Durable goods establishments	do	86,024	86,984	87,019	86,984	86,586	87,701	88,610	89,624	89,665	90,450	90,998	90,993	92,038	r91,224	91,358	
Nondurable goods establishments	do	46,709	50,155	49,357	50,155	50,517	49,684	49,797	48,581	46,422	46,890	46,686	46,338	47,327	r49,136	48,762	
RETAIL TRADE ‡																	
All retail stores:																	
Estimated sales (unadj.), total	mil. $	1,293,062	1,373,941	118,060	138,646	105,642	99,661	114,236	115,710	125,421	120,351	120,736	124,059	124,645	r123,055	r121,091	r150,829
Durable goods stores #	do	465,798	514,207	41,120	46,346	38,985	37,469	42,843	46,098	49,856	48,810	48,228	48,702	54,332	r48,012	r44,033	r55,443
Building materials, hardware, garden supply, and mobile home dealers	mil. $	69,488	74,062	6,236	5,993	5,393	4,996	6,401	7,702	8,129	8,128	8,033	7,780	7,780	r7,935	r6,877	r6,836
Automotive dealers	do	278,534	312,793	23,103	23,093	23,811	23,328	26,241	28,242	30,576	29,740	29,001	29,236	35,101	r28,187	r24,335	r29,310
Furniture, home furnishings, and equipment	do	61,843	68,112	6,406	8,102	5,565	5,101	5,717	5,684	6,094	6,089	6,360	6,512	6,414	r6,652	r6,937	r9,025
Nondurable goods stores	do	827,264	859,734	76,940	92,300	66,657	62,192	71,393	69,612	75,565	71,541	72,508	75,357	70,313	r75,043	r77,058	r95,386
General merch. group stores	do	152,913	159,456	16,422	24,720	9,383	9,550	12,661	12,498	14,017	12,755	12,245	13,922	12,540	r13,761	r16,567	r25,759
Food stores	do	r270,430	282,198	24,297	25,409	23,948	21,813	24,213	23,354	25,635	24,206	25,459	25,207	23,662	r25,101	r24,656	r26,667
Gasoline service stations	do	99,464	100,767	8,285	8,618	8,067	7,122	7,173	6,941	7,442	7,451	7,390	7,110	6,873	r7,022	r6,798	r7,016
Apparel and accessory stores	do	65,103	69,673	6,809	9,783	4,694	4,401	6,128	5,737	6,313	5,680	5,533	6,606	5,992	r6,349	r7,057	r10,550
Eating and drinking places	do	124,541	131,035	10,754	10,728	10,338	9,826	11,309	11,663	12,377	12,250	12,648	13,140	11,849	r12,471	r11,658	r11,856
Drug and proprietary stores	do	43,174	46,014	3,832	5,186	3,828	3,619	3,997	3,865	4,118	3,994	4,030	4,060	3,899	r4,101	r4,046	r5,733
Liquor stores	do	18,157	17,802	1,544	2,077	1,363	1,242	1,395	1,366	1,496	1,489	1,563	1,518	1,387	r1,460	1,488	
Estimated sales (seas. adj.), total	do			r115,354	r116,743	117,349	117,200	116,684	117,715	118,675	118,960	119,804	121,523	128,331	r121,655	r120,937	r126,255
Durable goods stores #	do			r42,560	r43,639	44,187	43,949	43,279	44,874	45,554	45,596	46,312	47,912	54,617	r47,679	r46,706	r51,447
Bldg. materials, hardware, garden supply, and mobile home dealers #	mil. $			r6,471	r6,634	6,925	6,908	7,143	7,384	6,947	6,998	7,080	7,205	7,350	r7,317	r7,223	r7,351
Building materials and supply stores	do			r4,674	r4,893	5,121	5,053	5,121	5,451	5,107	5,087	5,202	5,259	5,278	r5,314	5,367	
Hardware stores	do			r945	r939	927	953	974	948	933	984	976	995	987	r994	981	
Automotive dealers	do			r25,248	r25,980	26,327	26,040	25,026	26,357	27,164	27,101	27,430	28,773	35,318	r28,434	r27,458	r31,917
Motor vehicle and miscellaneous auto dealers	do			r23,162	r23,925	24,286	24,002	23,029	24,369	25,151	25,096	25,436	26,729	33,262	r26,390	r25,418	r29,956
Auto and home supply stores	do			r2,086	r2,055	2,041	2,038	1,997	1,988	2,013	2,005	1,994	2,044	2,056	r2,044	2,040	
Furniture, home furnishings, and equipment #	do			r5,878	r6,996	5,969	5,971	6,049	6,099	6,262	6,378	6,507	6,516	6,515	r6,522	r6,536	r6,578
Furniture, home furnishings stores	do			r3,157	r3,214	3,253	3,300	3,329	3,338	3,373	3,404	3,470	3,488	3,512	r3,515	3,496	
Household appliance, radio, and TV stores	do			r2,278	r2,333	2,263	2,244	2,268	2,301	2,426	2,509	2,557	2,538	2,487	r2,502	2,512	

See footnotes at end of tables.

Data for the series shown in the S (or "blue") pages of the SURVEY OF CURRENT BUSINESS are now available on diskette.
See page S-36 for details.

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984	Units	Annual 1984	Annual 1985	1985 Nov.	1985 Dec.	1986 Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
DOMESTIC TRADE—Continued																	
RETAIL TRADE ‡—Continued																	
All retail stores—Continued																	
Estimated sales (seas. adj.)—Continued																	
Nondurable goods stores	mil. $			r72,794	r73,104	73,162	73,251	73,405	72,841	73,121	73,364	73,492	73,611	73,714	r73,976	r74,231	r74,808
General merch. group stores	do			r13,490	r13,413	13,340	13,621	13,801	13,860	13,730	13,766	13,873	14,083	13,850	r13,898	r13,760	r13,933
Department stores	do			r11,439	r11,404	11,330	11,532	11,705	11,774	11,716	11,784	11,926	12,134	11,941	r11,929	r11,872	r12,014
Variety stores	do			726	r728	768	747	803	774	737	711	643	678	662	r699	653	
Food stores	do			r23,969	r24,331	24,337	24,261	24,463	24,126	24,233	24,398	24,486	24,283	24,661	r24,800	r24,991	r25,193
Grocery stores	do			r22,625	r22,939	23,002	22,948	23,131	22,825	22,906	23,063	23,151	22,902	23,252	r23,379	r23,608	r23,811
Gasoline service stations	do			8,377	r8,441	8,421	8,186	7,615	7,112	7,190	7,144	6,932	6,759	6,839	r6,831	r6,937	r6,885
Apparel and accessory stores #	do			r5,968	r5,978	5,915	5,996	6,189	6,205	6,211	6,283	6,257	6,411	6,320	r6,352	r6,328	r6,390
Men's and boys' clothing and furnishings stores	do			r709	r709	695	730	752	770	759	754	751	760	756	r740	721	
Women's clothing, specialty stores, and furriers	do			r2,491	r2,515	2,498	2,492	2,562	2,548	2,553	2,625	2,632	2,679	2,670	r2,668	2,667	
Shoe stores	do			r894	r902	886	924	937	941	951	955	954	1,025	960	r971	985	
Eating and drinking places	do			11,121	r11,106	11,274	11,255	11,400	11,651	11,710	11,722	11,810	11,956	11,945	r12,073	r12,182	r12,286
Drug and proprietary stores	do			3,906	r3,896	3,938	3,925	4,017	4,022	4,089	4,118	4,155	4,168	4,161	r4,180	r4,193	r4,266
Liquor stores	do			1,482	r1,496	1,503	1,489	1,520	1,493	1,497	1,519	1,499	1,464	1,471	r1,482	1,459	
Estimated inventories, end of period:																	
Book value (unadjusted), total	mil. $	153,046	160,372	175,337	160,372	161,865	167,319	172,790	174,427	171,387	170,105	170,438	168,529	r171,435	183,926		
Durable goods stores #	do	76,280	81,979	84,310	81,979	84,120	87,254	90,722	91,285	89,146	89,019	88,569	84,791	r83,055	89,448		
Bldg. materials, hardware, garden supply, and mobile home dealers	do	12,383	13,176	13,564	13,176	13,547	13,980	14,575	14,897	14,624	14,377	14,315	14,129	r14,439	14,203		
Automotive dealers	do	37,451	42,404	41,293	42,404	44,113	46,462	48,581	48,099	46,396	46,473	45,907	41,481	38,451	43,463		
Furniture, home furnishings, and equipment	do	11,971	12,749	13,704	12,749	12,593	12,641	12,917	13,192	13,072	13,419	13,264	13,635	13,982	14,629		
Nondurable goods stores #	do	76,766	78,393	91,027	78,393	77,745	80,065	82,068	83,142	82,241	81,086	81,869	83,738	r88,380	94,478		
General merch. group stores	do	28,104	28,002	36,035	28,002	27,739	29,244	30,616	31,608	31,115	30,052	30,565	31,355	r33,828	37,111		
Department stores	do	22,264	22,086	28,477	22,086	21,730	22,954	24,268	25,225	24,913	23,978	24,223	24,913	r26,984	29,834		
Food stores	do	15,474	16,278	16,696	16,278	16,190	16,201	16,290	16,135	16,299	16,408	16,083	16,253	r16,786	17,649		
Apparel and accessory stores	do	13,653	14,418	17,259	14,418	14,063	14,964	15,455	15,701	15,346	15,087	15,496	16,042	16,684	17,722		
Book value (seas. adj.), total	do	157,845	165,324	165,557	165,324	167,987	169,379	171,551	172,158	170,869	171,705	173,529	172,926	r171,617	176,568		
Durable goods stores #	do	77,142	82,875	83,056	82,875	84,755	85,863	88,132	88,263	87,198	88,281	90,271	89,380	r86,578	90,202		
Bldg. materials, hardware, garden supply, and mobile home dealers	do	12,859	13,696	13,912	13,696	13,995	14,022	14,192	14,324	14,129	14,192	14,286	14,157	r14,541	14,289		
Automotive dealers	do	37,265	42,193	41,459	42,193	43,418	44,250	45,961	45,462	44,697	45,606	47,278	46,090	r42,440	45,847		
Furniture, home furn., and equip	do	12,141	12,943	13,076	12,943	12,942	12,952	13,061	13,258	13,151	13,339	13,425	13,649	r13,885	14,080		
Nondurable goods stores #	do	80,703	82,449	82,501	82,449	83,232	83,516	83,419	83,895	83,671	83,424	83,258	83,546	r85,039	86,366		
General merch. group stores	do	31,136	31,059	31,079	31,059	31,568	31,603	31,498	31,767	31,534	31,206	31,174	30,989	r31,634	32,383		
Department stores	do	24,574	24,404	24,402	24,404	24,778	24,788	24,865	25,200	25,114	24,899	24,870	24,789	r25,361	26,147		
Food stores	do	15,275	16,069	15,947	16,069	16,288	16,365	16,323	16,216	16,414	16,441	16,411	16,687	r16,973	17,202		
Apparel and accessory stores	do	14,540	15,387	15,647	15,387	15,403	15,653	15,611	15,812	15,804	15,798	15,668	15,681	r15,784	15,951		
Firms with 11 or more stores:																	
Estimated sales (unadjusted), total	mil. $	450,603	472,244	44,041	56,786	34,526	32,703	39,075	37,972	41,666	38,836	39,353	41,598	r38,559	41,293		
Durable goods stores	do	37,697	40,049	3,717	5,246	2,679	2,554	3,116	3,361	3,704	3,567	3,733	3,710	r3,582	3,739		
Auto and home supply stores	do	4,687	4,895	454	437	361	341	412	451	466	449	500	494	465	486		
Nondurable goods stores #	do	412,906	432,195	40,324	51,540	31,847	30,149	35,959	34,611	37,962	35,269	35,620	37,888	r34,977	37,554		
General merchandise group stores	do	142,334	148,412	15,387	23,218	8,708	8,911	11,863	11,690	13,158	11,964	11,415	13,026	r11,721	12,895		
Food stores	do	148,957	156,131	13,516	14,177	13,401	12,073	13,419	12,835	14,165	13,063	13,947	13,889	r13,032	13,874		
Grocery stores	do	146,983	154,083	13,340	13,880	13,235	11,904	13,225	12,677	13,992	12,897	13,781	13,721	r12,874	13,705		
Apparel and accessory stores	do	25,354	28,120	2,849	4,234	1,743	1,726	2,561	2,318	2,533	2,340	2,244	2,846	r2,458	2,547		
Eating places	do	26,999	28,404	2,379	2,405	2,268	2,125	2,485	2,459	2,588	2,564	2,728	2,770	r2,554	2,715		
Drug stores and proprietary stores	do	24,387	26,016	2,147	3,174	2,083	1,939	2,213	2,079	2,251	2,185	2,186	2,222	r2,141	2,238		
Estimated sales (sea. adj.), total #	do			40,028	40,234	40,077	40,282	40,533	40,284	40,276	40,473	41,024	41,222	r41,111	41,252		
Auto and home supply stores	do			429	423	424	437	436	443	434	433	464	475	r460	451		
Department stores	do			10,974	10,940	10,851	11,060	11,266	11,301	11,270	11,316	11,482	11,680	r11,480	11,542		
Variety stores	do			606	609	640	607	695	641	616	594	534	544	529	557		
Grocery stores	do			13,015	13,181	13,156	13,125	13,225	13,096	13,175	13,269	13,484	13,347	r13,552	13,583		
Apparel and accessory stores	do			2,448	2,423	2,435	2,497	2,543	2,544	2,542	2,578	2,597	2,648	r2,614	2,601		
Women's clothing, specialty stores, and furriers	do			1,100	1,077	1,099	1,111	1,113	1,101	1,107	1,146	1,161	1,174	r1,177	1,167		
Shoe stores	do			452	459	452	477	482	507	503	508	518	547	r496	485		
Drug stores and proprietary stores	do			2,164	2,189	2,207	2,169	2,220	2,224	2,238	2,260	2,268	2,300	r2,310	2,329		
LABOR FORCE, EMPLOYMENT, AND EARNINGS																	
LABOR FORCE AND POPULATION																	
Not Seasonally Adjusted																	
Noninstitutional population, persons 16 years of age and over	thous	178,080	179,912	180,642	180,810	[2]181,361	181,512	181,678	181,843	181,998	182,183	182,354	182,525	182,713	182,935	183,114	183,297
Labor force @	do	115,241	117,167	117,799	117,478	117,122	117,416	118,002	118,012	118,886	121,324	121,975	121,168	119,960	120,448	120,374	119,799
Resident Armed Forces	do	1,697	1,706	1,702	1,698	1,691	1,691	1,693	1,695	1,687	1,680	1,672	1,697	1,716	1,749	1,751	1,750
Civilian noninstitutional population	do	176,383	178,206	178,940	179,112	179,670	179,821	179,985	180,148	180,311	180,503	180,682	180,828	180,997	181,186	181,363	181,547
Civilian labor force, total	do	113,544	115,461	116,097	115,780	115,431	115,725	116,309	116,317	117,199	119,644	120,303	119,471	118,244	118,699	118,623	118,049
Employed	do	105,005	107,150	108,282	108,063	106,959	106,685	107,643	108,201	109,041	110,869	111,832	111,515	110,229	110,857	110,751	110,588
Unemployed	do	8,539	8,312	7,815	7,717	8,472	9,041	8,667	8,115	8,158	8,775	8,471	7,955	8,015	7,842	7,872	7,461
Seasonally Adjusted ◊																	
Civilian labor force, total	do			r116,149	r116,333	r116,794	r117,042	r117,187	r117,292	r117,587	r118,005	r118,117	r118,124	r118,272	r118,414	r118,675	118,586
Participation rate †	percent	64.4	64.8	64.9	64.9	65.0	65.1	65.1	65.1	r65.2	65.4	r65.4	r65.3	65.3	65.4	65.4	65.3
Employed, total	thous			r107,978	r108,149	r108,892	r108,557	r108,807	r108,969	r109,165	r109,613	r109,887	r110,067	r109,987	r110,192	r110,432	110,637
Employment-population ratio †	percent	59.5	60.1	60.3	60.4	60.6	60.4	r60.5	r60.5	60.5	r60.7	60.8	60.9	r60.8	60.8	60.9	60.9
Agriculture	thous	3,321	3,179	r3,055	3,151	r3,280	r3,105	r3,252	r3,199	r3,151	r3,164	r3,124	r3,057	r3,142	r3,162	r3,215	3,161
Nonagriculture	do	101,685	103,971	r104,923	r104,998	r105,612	r105,452	r105,555	r105,770	r106,014	r106,449	r106,763	r107,010	r106,845	r107,030	r107,217	107,476
Unemployed, total	do			r8,171	r8,184	r7,902	r8,485	r8,380	r8,323	r8,422	r8,392	r8,230	r8,057	r8,285	r8,222	r8,243	7,949
Long term, 15 weeks and over	do	2,737	2,305	r2,207	r2,209	r2,117	r2,332	r2,243	r2,130	r2,232	r2,299	r2,250	r2,272	r2,373	r2,168	r2,217	2,171

See footnotes at end of tables.

LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984	Units	Annual 1984	Annual 1985	1985 Nov.	1985 Dec.	1986 Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
LABOR FORCE—Continued																	
Seasonally Adjusted ◊																	
Civilian labor force—Continued																	
Unemployed—Continued																	
Rates(unemployed in each group as percent of civilian labor force in the group):																	
All civilian workers		7.5	7.2	7.0	r7.0	r6.8	r7.2	7.2	7.1	r7.2	7.1	r7.0	6.8	7.0	r6.9	r6.9	6.7
Men, 20 years and over		6.6	6.2	6.0	r6.0	r5.8	6.2	6.2	6.0	r6.2	6.2	6.2	5.9	6.2	6.2	6.2	6.0
Women, 20 years and over		6.8	6.6	6.4	r6.4	6.1	r6.6	r6.5	6.4	r6.4	r6.3	r6.2	6.1	6.2	6.1	6.1	5.9
Both sexes, 16-19 years		18.9	18.6	18.4	r19.0	r18.2	r18.9	r18.4	r19.3	r18.8	r18.9	r17.9	r18.0	r18.5	r17.7	r18.2	17.3
White		6.5	6.2	5.9	r6.0	r5.8	r6.3	6.2	6.1	6.2	6.1	6.0	5.8	6.0	6.0	r6.0	5.8
Black		15.9	15.1	r15.5	r15.0	r14.6	r14.9	r14.8	14.8	14.8	r14.9	r14.2	14.6	r14.6	r14.3	r14.2	13.7
Hispanic origin		10.7	10.5	r10.8	r10.5	r10.3	r11.8	r10.5	r10.5	r10.9	10.6	10.5	r10.8	r10.9	r10.4	r9.6	10.5
Married men, spouse present		4.6	4.3	4.3	4.3	4.3	4.5	4.5	4.2	r4.4	4.5	4.4	r4.2	r4.3	4.6	4.5	4.3
Married women, spouse present		5.7	5.6	5.5	r5.4	5.1	5.5	r5.5	5.3	r5.3	5.2	r5.2	5.1	r5.1	5.0	5.0	4.8
Women who maintain families		10.4	10.4	10.0	r9.6	9.9	9.9	10.1	r9.5	r10.1	r10.0	r9.5	r10.1	r9.8	r8.9	r9.7	9.8
Industry of last job:																	
Private nonagricultural wage and salary workers		7.4	7.2	r7.1	r7.0	r6.8	7.2	r7.1	r7.1	r7.2	7.1	r7.1	6.9	7.0	7.0	7.0	6.8
Construction		14.3	13.1	r13.3	12.6	r12.8	r13.0	13.0	r12.3	r13.0	r12.4	r13.0	r12.4	r12.9	r13.8	r15.1	13.7
Manufacturing		7.5	7.7	r7.6	7.3	r7.1	r7.3	7.2	r6.9	r7.4	r7.2	6.9	r6.9	7.0	7.3	r7.1	6.9
Durable goods		7.2	7.6	7.6	7.3	7.0	7.4	r6.9	r6.9	7.3	r7.0	6.7	r6.8	6.5	r7.2	6.6	6.4
Agricultural wage and salary workers		13.5	13.2	r13.2	r10.7	r11.5	r13.8	r12.1	13.4	r15.3	13.2	r11.4	r13.3	r12.9	r11.9	r10.1	11.5
Not Seasonally Adjusted																	
Occupation:																	
Managerial and professional specialty		2.6	2.4	2.1	2.0	2.3	2.4	2.4	2.1	2.2	2.4	2.8	2.7	2.7	2.5	2.3	2.1
Technical, sales, and administrative support		5.0	4.8	4.4	4.2	4.7	5.3	4.8	4.4	4.8	5.0	4.9	4.8	4.9	4.6	4.5	3.9
Service occupations		9.1	8.8	8.5	8.9	9.0	9.1	8.9	8.8	8.7	8.4	8.4	8.2	8.6	8.9	8.1	8.0
Precision production, craft, and repair		7.5	7.2	6.7	7.2	8.3	9.5	8.6	8.0	7.3	6.7	6.7	6.0	6.0	6.1	6.6	6.7
Operators, fabricators, and laborers		11.5	11.2	10.9	10.6	12.3	12.3	12.3	11.1	10.4	10.6	10.0	9.5	10.0	10.3	10.7	10.8
Farming, forestry, and fishing		8.5	8.6	9.0	9.4	9.7	12.4	10.8	8.2	7.3	6.2	5.5	6.0	6.7	7.0	7.6	9.1
EMPLOYMENT §																	
Employees on payrolls of nonagricultural estab.:																	
Total, not adjusted for seas. variation	thous.	94,496	97,614	99,428	99,546	97,903	98,113	98,617	99,553	100,341	100,752	99,998	100,189	101,089	r101,595	r101,874	p101,991
Private sector (excl. government)	do	78,472	81,199	82,534	82,686	81,286	81,165	81,604	82,547	83,301	83,985	84,167	84,494	84,587	r84,554	r84,661	p84,810
Seasonally Adjusted																	
Total employees, nonagricultural payrolls	do	94,496	97,614	98,666	98,910	99,296	99,429	99,484	99,783	99,918	99,843	100,105	100,283	100,560	r100,826	r101,065	p101,334
Private sector (excl. government)	do	78,472	81,199	82,073	82,281	82,659	82,748	82,785	83,072	83,198	83,161	83,508	83,655	83,786	r83,956	r84,168	p84,384
Nonmanufacturing industries	do	59,094	61,885	62,814	62,992	63,356	63,454	63,530	63,827	63,997	64,026	64,387	64,532	64,681	r64,838	r65,009	p65,194
Goods-producing	do	24,727	24,930	24,931	24,977	25,101	25,038	24,945	25,038	24,965	24,854	24,869	24,888	24,858	r24,865	r24,895	p24,932
Mining	do	966	930	907	901	897	880	852	821	790	772	768	753	743	r746	r743	p738
Construction	do	4,383	4,687	4,765	4,787	4,901	4,864	4,838	4,972	4,974	4,947	4,980	5,012	5,010	r5,001	r4,993	p5,004
Manufacturing	do	19,378	19,314	19,259	19,289	19,303	19,294	19,255	19,245	19,201	19,135	19,121	19,123	19,105	r19,118	r19,159	p19,190
Durable goods	do	11,505	11,516	11,453	11,461	11,466	11,455	11,418	11,415	11,378	11,307	11,294	11,302	11,271	r11,266	r11,283	p11,298
Lumber and wood products	do	703	700	708	710	716	716	715	719	719	721	724	729	734	r737	r742	p749
Furniture and fixtures	do	486	493	493	494	494	494	493	494	496	496	498	499	500	500	500	p501
Stone, clay and glass products	do	592	590	591	593	596	597	594	600	599	597	593	592	594	r590	r590	p593
Primary metal industries	do	857	812	801	803	798	795	787	785	780	761	758	751	749	749	r752	p753
Fabricated metal products	do	1,463	1,467	1,459	1,456	1,455	1,452	1,450	1,451	1,447	1,440	1,428	1,429	1,433	1,429	r1,429	p1,430
Machinery, except electrical	do	2,197	2,181	2,139	2,133	2,137	2,127	2,118	2,111	2,100	2,089	2,079	2,072	2,044	2,039	r2,036	p2,032
Electric and electronic equip.	do	2,208	2,207	2,179	2,182	2,182	2,181	2,177	2,177	2,175	2,143	2,169	2,168	2,162	r2,167	r2,165	p2,162
Transportation equipment	do	1,900	1,971	1,993	1,998	1,996	1,998	1,989	1,986	1,972	1,974	1,969	1,985	1,979	r1,979	1,995	p1,998
Instruments and related products	do	713	723	723	725	724	725	726	723	721	717	713	713	713	r713	709	p711
Miscellaneous manufacturing	do	382	368	367	367	368	370	369	369	369	369	363	364	363	r363	365	p369
Nondurable goods	do	7,873	7,798	7,806	7,828	7,837	7,839	7,837	7,830	7,823	7,828	7,827	7,821	7,834	7,852	r7,876	p7,892
Food and kindred products	do	1,612	1,608	1,612	1,623	1,623	1,631	1,632	1,633	1,640	1,648	1,645	1,642	1,644	1,644	r1,654	p1,651
Tobacco manufactures	do	64	64	65	64	64	63	63	63	62	62	62	59	60	59	61	p58
Textile mill products	do	746	703	701	702	702	705	707	703	705	707	710	711	709	r711	r717	p719
Apparel and other textile products	do	1,185	1,125	1,122	1,130	1,133	1,122	1,117	1,119	1,113	1,106	1,108	1,108	1,110	1,113	r1,113	p1,124
Paper and allied products	do	681	682	687	686	687	687	688	689	689	690	687	685	691	r694	695	p698
Printing and publishing	do	1,376	1,435	1,454	1,457	1,461	1,467	1,469	1,472	1,474	1,477	1,483	1,481	1,485	1,491	r1,493	p1,496
Chemicals and allied products	do	1,049	1,045	1,037	1,035	1,034	1,032	1,031	1,028	1,024	1,026	1,025	1,026	1,025	r1,023	r1,023	p1,022
Petroleum and coal products	do	189	177	170	169	168	167	166	166	166	164	163	163	162	r161	r160	p160
Rubber and plastics products, nec	do	780	789	794	798	802	803	804	800	796	797	792	794	797	805	r809	p813
Leather and leather products	do	189	166	164	164	163	162	160	157	154	151	152	152	151	151	r151	p151
Service-producing	do	69,769	72,684	73,735	73,933	74,195	74,391	74,539	74,745	74,953	74,989	75,236	75,395	75,702	r75,961	r76,170	p76,402
Transportation and public utilities	do	5,159	5,242	5,272	5,277	5,286	5,277	5,280	5,266	5,265	5,167	5,288	5,255	5,316	r5,316	r5,348	p5,358
Wholesale trade	do	5,555	5,740	5,796	5,809	5,830	5,843	5,841	5,864	5,872	5,829	5,849	5,863	5,859	r5,864	r5,864	p5,855
Retail trade	do	16,545	17,360	17,589	17,622	17,734	17,795	17,828	17,851	17,911	17,944	17,992	18,030	18,065	r18,143	r18,186	p18,187
Finance, insurance, and real estate	do	5,689	5,953	6,070	6,095	6,123	6,157	6,184	6,228	6,261	6,295	6,334	6,364	6,388	r6,409	r6,431	p6,466
Services	do	20,797	21,974	22,415	22,501	22,585	22,638	22,707	22,825	22,924	23,072	23,176	23,255	23,300	r23,359	r23,444	p23,586
Government	do	16,024	16,415	16,593	16,629	16,637	16,681	16,699	16,711	16,720	16,682	16,597	16,628	16,774	r16,870	r16,897	p16,950
Federal	do	2,807	2,875	2,904	2,913	2,918	2,918	2,923	2,914	2,899	2,875	2,866	2,875	2,901	r2,896	r2,899	p2,901
State	do	3,734	3,848	3,901	3,904	3,916	3,924	3,927	3,938	3,936	3,927	3,921	3,919	3,932	r3,959	r3,969	p3,993
Local	do	9,482	9,692	9,788	9,812	9,803	9,839	9,849	9,859	9,885	9,880	9,810	9,834	9,941	r10,015	r10,029	p10,056
Production or nonsupervisory workers on private nonagric. payrolls, **not seas. adjusted**	thous.	63,415	65,635	66,830	66,946	65,558	65,407	65,795	66,672	67,369	67,976	68,085	68,387	r68,481	r68,460	r68,560	p68,691
Manufacturing	do	13,285	13,130	13,127	13,085	12,969	12,973	12,982	12,997	13,008	13,076	12,871	13,051	13,145	r13,089	r13,079	p13,057
Seasonally Adjusted																	
Production or nonsupervisory workers on private nonagricultural payrolls	thous.	63,415	65,635	66,347	66,510	66,856	66,945	66,916	67,167	67,261	67,223	67,517	67,632	r67,742	r67,854	r68,064	p68,248
Goods-producing	do	17,377	17,459	17,440	17,486	17,597	17,536	17,454	17,546	17,475	17,388	17,395	17,429	17,407	r17,408	r17,454	p17,497
Mining	do	686	660	642	638	634	622	598	573	547	535	533	526	520	r522	r524	p518
Construction	do	3,406	3,670	3,724	3,748	3,852	3,817	3,795	3,913	3,903	3,874	3,901	3,932	3,927	r3,912	r3,908	p3,914
Manufacturing	do	13,285	13,130	13,074	13,100	13,111	13,097	13,061	13,060	13,025	12,979	12,961	12,971	12,960	r12,974	r13,022	p13,065
Durable goods	do	7,739	7,660	7,594	7,595	7,595	7,579	7,545	7,547	7,519	7,462	7,441	7,458	7,438	r7,435	r7,456	p7,479
Lumber and wood products	do	589	586	595	597	602	602	602	605	605	606	604	610	615	r618	r622	p628
Furniture and fixtures	do	390	394	394	394	394	394	395	395	397	397	398	400	401	r402	401	p401
Stone, clay, and glass products	do	455	452	454	455	459	459	459	463	462	460	458	456	457	r454	r454	p458
Primary metal industries	do	651	615	608	611	606	604	596	596	591	574	569	562	560	560	563	p565
Fabricated metal products	do	1,078	1,085	1,078	1,076	1,076	1,072	1,069	1,073	1,068	1,062	1,052	1,054	1,058	1,056	r1,057	p1,061
Machinery, except electrical	do	1,329	1,311	1,283	1,278	1,280	1,272	1,267	1,263	1,256	1,250	1,240	1,239	1,215	r1,211	r1,206	p1,205
Electric and electronic equip.	do	1,354	1,305	1,270	1,267	1,262	1,258	1,252	1,249	1,250	1,224	1,246	1,249	1,245	r1,247	r1,251	p1,252
Transportation equipment	do	1,215	1,251	1,260	1,263	1,259	1,258	1,247	1,245	1,233	1,233	1,223	1,235	1,235	r1,236	r1,250	p1,250
Instruments and related products	do	398	393	389	390	391	392	392	392	390	389	387	389	388	r387	386	p388
Miscellaneous manufacturing	do	277	265	263	264	266	268	266	266	267	267	264	264	264	264	r266	p271

See footnotes at end of tables.

LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984	Units	Annual 1984	Annual 1985	1985 Nov.	1985 Dec.	1986 Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
EMPLOYMENT 8—Continued																	
Seasonally Adjusted																	
Production or nonsupervisory workers—Continued																	
Nondurable goods	thous	5,546	5,470	5,480	5,505	5,516	5,518	5,516	5,513	5,506	5,517	5,520	5,513	5,522	r5,539	r5,566	p5,586
Food and kindred products	do	1,119	1,122	1,126	1,137	1,137	1,145	1,145	1,145	1,149	1,160	1,158	1,153	1,157	r1,155	r1,168	p1,166
Tobacco manufactures	do	48	48	48	48	48	47	48	48	47	46	47	43	44	44	r46	p43
Textile mill products	do	645	607	605	606	608	609	611	607	610	611	614	615	612	r616	r622	p624
Apparel and other textile products	do	1,002	948	946	952	956	946	940	943	938	933	936	935	937	940	r941	p951
Paper and allied products	do	511	515	520	520	521	521	521	522	523	524	522	519	523	527	r528	p533
Printing and publishing	do	758	793	804	808	811	815	817	820	820	823	828	825	827	832	832	p837
Chemicals and allied products	do	583	579	575	575	573	574	573	572	569	572	572	574	572	r571	r571	p570
Petroleum and coal products	do	111	107	105	104	104	104	103	103	103	103	102	103	102	r102	r102	p103
Rubber and plastics products, nec	do	607	610	615	619	623	623	625	623	620	621	617	621	624	r628	r632	p634
Leather and leather products	do	158	137	136	136	135	134	133	130	127	124	124	125	124	124	124	p125
Service-producing	do	46,037	48,176	48,907	49,024	49,259	49,409	49,462	49,621	49,786	49,835	50,122	50,203	r50,335	r50,446	r50,610	p50,751
Transportation and public utilities	do	4,261	4,342	4,374	4,381	4,384	4,377	4,373	4,362	4,361	4,270	4,354	4,325	r4,387	r4,393	r4,424	p4,445
Wholesale trade	do	4,454	4,616	4,658	4,665	4,686	4,695	4,693	4,712	4,711	4,674	4,705	4,708	4,700	r4,694	r4,699	p4,687
Retail trade	do	14,765	15,458	15,657	15,669	15,794	15,854	15,867	15,880	15,939	15,981	16,018	16,045	16,091	r16,153	r16,175	p16,174
Finance, insurance, and real estate	do	4,229	4,414	4,495	4,513	4,532	4,554	4,571	4,603	4,629	4,651	4,683	4,704	4,716	r4,723	r4,745	p4,766
Services	do	18,328	19,346	19,723	19,796	19,863	19,929	19,958	20,064	20,146	20,259	20,362	20,421	20,441	r20,483	r20,567	p20,679
AVERAGE HOURS PER WEEK §																	
Seasonally Adjusted																	
Avg. weekly hours per worker on private nonag. payrolls: ◊																	
Not seasonally adjusted	hours	35.2	34.9	34.8	35.2	34.7	34.4	34.7	34.6	34.7	34.9	35.0	35.1	34.8	r34.7	r34.7	p34.9
Seasonally adjusted	do			34.8	34.9	35.0	34.9	34.9	34.8	34.8	34.7	34.7	34.8	34.7	34.7	r34.8	p34.6
Mining ‡	do	43.3	43.4	43.2	43.8	44.4	42.4	42.3	42.0	41.8	42.0	41.6	42.3	42.3	42.2	r41.7	p42.2
Construction ‡	do	37.8	37.7	36.7	36.9	37.2	35.2	36.4	37.6	37.9	37.8	38.3	38.4	38.5	38.0	36.6	p37.0
Manufacturing:																	
Not seasonally adjusted	do	40.7	40.5	40.9	41.7	40.7	40.3	40.7	40.5	40.6	40.8	40.2	40.7	41.0	40.8	r41.0	p41.7
Seasonally adjusted	do			40.7	40.9	40.8	40.7	40.7	40.7	40.7	40.6	40.6	40.8	40.8	40.7	r40.8	p40.9
Overtime hours	do	3.4	3.3	3.4	3.6	3.5	3.4	3.4	3.4	3.4	3.3	3.4	3.5	3.5	3.5	3.5	p3.6
Durable goods	do	41.4	41.2	41.3	41.6	41.5	41.4	41.4	41.3	41.2	41.2	41.1	41.4	41.4	41.3	r41.4	p41.4
Overtime hours	do	3.6	3.5	3.6	3.7	3.6	3.5	3.6	3.6	3.4	3.5	3.5	3.5	3.6	3.6	3.6	p3.7
Lumber and wood products	do	39.9	39.9	39.9	40.2	40.4	40.0	40.2	40.3	40.3	39.9	40.1	40.2	40.1	40.3	r40.7	p40.4
Furniture and fixtures	do	39.7	39.4	39.4	39.9	40.0	39.7	39.4	39.1	39.4	39.4	39.4	39.9	40.0	39.8	r39.7	p39.7
Stone, clay, and glass products	do	42.0	41.9	41.8	41.8	42.7	41.9	41.9	42.4	42.3	42.2	42.2	42.5	42.5	r42.3	r41.9	p42.2
Primary metal industries	do	41.7	41.5	41.9	42.1	41.9	42.1	41.9	41.3	41.7	41.6	41.3	41.9	42.0	42.3	r42.4	p43.0
Fabricated metal products	do	41.4	41.3	41.5	41.6	41.5	41.5	41.4	41.2	41.1	41.1	41.1	41.2	41.5	41.2	r41.4	p41.3
Machinery, except electrical	do	41.9	41.5	41.6	41.7	41.6	41.6	41.6	41.8	41.8	41.7	41.4	41.7	41.7	41.6	41.7	p41.6
Electric and electronic equip	do	41.0	40.6	40.9	41.1	41.0	40.9	41.0	41.1	41.0	41.0	41.1	41.2	41.2	r40.9	r40.9	p40.9
Transportation equipment	do	42.7	42.6	42.7	43.0	42.8	42.7	42.7	42.1	41.9	42.2	42.1	42.6	42.6	r42.1	r42.3	p42.3
Instruments and related products	do	41.3	41.0	41.0	41.6	41.1	41.2	41.3	41.3	40.9	41.0	40.8	41.0	40.7	r41.1	41.2	p41.6
Miscellaneous manufacturing ‡	do	39.4	39.4	40.2	40.7	39.8	39.3	39.9	39.7	39.4	39.6	38.8	39.2	39.6	r39.8	r40.2	p40.7
Nondurable goods	do	39.7	39.6	39.8	40.0	39.9	39.7	39.8	39.9	39.9	39.8	39.8	40.0	39.9	39.9	r40.1	p40.1
Overtime hours	do	3.1	3.1	3.2	3.4	3.3	3.2	3.2	3.3	3.4	3.2	3.4	3.4	3.3	3.4	3.5	p3.5
Food and kindred products	do	39.8	40.0	40.0	40.1	40.1	39.8	39.9	40.2	40.2	40.0	40.0	40.3	39.7	39.8	r39.9	p39.9
Tobacco manufactures ‡	do	38.9	37.2	36.4	38.1	37.7	36.6	37.5	36.6	37.7	38.3	35.9	36.2	38.5	r39.1	r38.4	p38.2
Textile mill products	do	39.9	39.7	40.8	41.0	40.8	40.6	40.7	41.3	41.1	40.8	40.9	41.4	41.6	41.5	r41.6	p41.8
Apparel and other textile products	do	36.4	36.4	36.8	36.8	36.7	36.3	36.5	36.9	36.5	36.5	36.6	36.5	36.7	r36.7	r36.9	p37.1
Paper and allied products	do	43.1	43.1	43.3	43.5	43.6	43.5	43.5	43.0	43.2	43.1	43.2	43.5	43.0	43.0	43.2	p43.2
Printing and publishing	do	37.9	37.8	37.9	38.1	38.0	38.0	38.0	38.0	38.0	37.8	37.9	38.0	38.0	38.0	r38.0	p38.0
Chemicals and allied products	do	41.9	41.9	41.9	42.0	41.9	41.8	41.9	41.9	42.0	41.9	41.9	42.1	42.0	r42.2	r42.6	p42.5
Petroleum and coal products	do	43.7	43.0	43.2	43.6	43.5	43.7	43.8	43.6	43.4	44.0	43.5	44.3	43.4	r43.7	r43.7	p43.8
Rubber and plastics products, nec ‡	do	41.7	41.1	41.3	42.0	41.4	41.0	41.3	41.1	41.2	41.3	40.5	41.2	41.6	41.4	r41.7	p42.2
Leather and leather products ‡	do	36.8	37.2	37.6	37.9	37.1	36.0	36.3	36.3	36.7	37.7	37.0	36.7	36.8	r36.8	r37.1	p37.9
Transportation and public utilities	do	39.4	39.5	39.4	39.5	39.4	39.5	39.6	39.2	39.2	39.1	39.2	39.1	38.9	39.1	39.3	p39.0
Wholesale trade	do	38.5	38.4	38.4	38.4	38.5	38.4	38.5	38.5	38.4	38.3	38.3	38.4	38.2	38.4	r38.3	p38.2
Retail trade	do	29.8	29.4	29.3	29.2	29.3	29.3	29.3	29.2	29.2	29.1	29.2	29.2	29.2	r29.1	r29.2	p28.8
Finance, insurance, and real estate ‡	do	36.5	36.4	36.2	36.7	36.4	36.8	36.7	36.4	36.3	36.6	36.5	36.6	36.4	r36.6	r36.8	p36.5
Services	do	32.6	32.5	32.4	32.5	32.6	32.6	32.5	32.5	32.5	32.4	32.4	32.4	32.3	32.4	32.5	p32.4
AGGREGATE EMPLOYEE-HOURS §																	
Seasonally Adjusted																	
Employee-hours, wage & salary workers in nonagric. establish, for 1 week in the month, seas adj. at annual rate	bil. hours	177.32	182.27	184.58	184.81	185.63	185.29	185.41	185.82	185.76	185.45	185.90	186.66	r186.95	r187.42	188.51	p188.52
Total private sector	do	145.49	149.58	150.89	151.58	152.68	152.24	152.33	152.63	152.56	152.40	152.91	153.49	r153.26	r153.76	154.56	p154.36
Mining	do	2.18	2.10	2.03	2.03	2.09	1.96	1.89	1.81	1.72	1.68	1.66	1.65	1.62	1.62	1.60	p1.61
Construction	do	8.62	9.19	9.25	9.26	9.80	9.27	9.28	9.78	9.68	9.54	9.66	9.78	r9.82	r9.77	9.67	p9.71
Manufacturing	do	40.92	40.72	40.74	41.00	40.98	40.85	40.74	40.58	40.52	40.32	40.23	40.44	40.38	r40.43	40.62	p40.81
Transportation and public utilities	do	10.59	10.77	10.86	10.87	10.84	10.86	10.87	10.75	10.70	10.71	10.80	10.69	r10.78	r10.82	10.97	p10.91
Wholesale trade	do	11.12	11.46	11.58	11.59	11.67	11.68	11.68	11.74	11.72	11.61	11.66	11.70	11.64	r11.69	11.69	p11.62
Retail trade	do	25.64	26.54	26.79	26.75	27.05	27.15	27.22	27.12	27.17	27.22	27.31	27.38	r27.34	r27.41	27.61	p27.24
Finance, insurance, and real estate	do	10.80	11.28	11.45	11.65	11.61	11.78	11.81	11.82	11.83	11.99	12.04	12.14	r12.09	r12.20	12.31	p12.29
Services	do	35.62	37.51	38.20	38.41	38.65	38.69	38.84	39.03	39.22	39.32	39.56	39.70	r39.58	39.82	40.09	p40.18
Government	do	31.83	32.69	33.69	32.23	32.96	33.05	33.08	33.18	33.20	33.05	32.99	33.17	r33.70	r33.65	33.95	p34.15
Indexes of employee-hours (aggregate weekly): ◊																	
Private nonagric. payrolls, total	1977=100	112.3	115.4	116.4	116.8	117.8	117.5	117.4	117.8	117.7	117.3	117.9	118.4	r118.3	r118.6	r119.3	p119.0
Goods-producing	do	98.8	98.8	98.9	99.3	100.6	98.8	98.5	99.4	98.8	98.0	98.1	98.9	98.7	r98.5	r98.9	p99.2
Mining	do	110.9	106.6	103.4	102.8	104.5	99.3	95.0	90.2	85.3	83.4	83.7	83.0	81.2	r82.1	r81.5	p80.3
Construction	do	116.6	125.4	126.2	126.4	134.1	126.3	126.6	133.7	132.6	130.3	132.2	134.0	134.2	r133.0	r132.1	p132.7
Manufacturing	do	94.8	93.3	93.3	94.0	93.9	93.5	93.3	93.2	92.9	92.4	92.2	92.9	92.7	r92.6	r93.2	p93.6
Durable goods	do	94.1	92.7	92.2	92.7	92.6	92.1	91.7	91.5	91.0	90.3	89.9	90.7	90.5	r90.1	r90.6	p91.0
Nondurable goods	do	95.8	94.3	95.1	95.8	95.9	95.5	95.7	95.8	95.7	95.6	95.7	96.1	96.0	r96.3	r97.1	p97.6
Service-producing	do	119.8	124.5	126.0	126.5	127.3	127.8	127.8	127.9	128.2	128.0	128.9	129.2	129.2	r129.7	r130.5	p129.9
Transportation and public utilities	do	105.0	107.1	107.7	108.1	107.9	108.0	108.2	106.8	106.8	104.3	106.7	105.7	r106.6	r107.3	r108.6	p108.3
Wholesale trade	do	114.0	117.9	118.9	119.1	119.9	119.8	120.1	120.6	120.2	119.0	119.8	120.2	119.3	r119.8	r119.6	p119.0
Retail trade	do	112.2	115.9	116.8	116.5	117.8	118.3	118.4	118.1	118.5	118.4	119.1	119.3	119.6	r119.7	120.3	p118.6
Finance, insurance, and real estate	do	124.6	129.9	131.9	133.5	133.3	135.4	135.6	135.4	135.8	137.6	137.8	139.1	138.7	r139.7	r141.5	p140.2
Services	do	132.1	138.9	141.4	142.3	143.2	143.7	143.5	144.2	144.8	145.2	145.9	146.4	146.0	146.8	r147.9	p148.2

See footnotes at end of tables.

LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984	Units	Annual 1984	Annual 1985	1985 Nov.	1985 Dec.	1986 Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
HOURLY AND WEEKLY EARNINGS §																	
Average hourly earnings per worker: ◊																	
Not seasonally adjusted:																	
Private nonagric. payrolls	dollars	8.32	8.57	8.66	8.71	8.72	8.74	8.73	8.72	8.72	8.71	8.69	8.70	8.81	8.81	r8.86	p8.85
Mining	do	11.63	11.98	12.07	12.27	12.24	12.32	12.35	12.43	12.44	12.50	12.46	12.51	12.52	r12.51	r12.57	p12.64
Construction	do	12.13	12.31	12.28	12.47	12.34	12.35	12.22	12.29	12.33	12.31	12.31	12.39	12.54	12.62	r12.59	p12.71
Manufacturing	do	9.19	9.53	9.63	9.74	9.70	9.70	9.72	9.70	9.71	9.70	9.74	9.68	9.73	9.72	r9.77	p9.86
Excluding overtime	do	8.82	9.16	9.23	9.31	9.31	9.33	9.33	9.33	9.34	9.32	9.35	9.27	9.31	r9.31	r9.36	p9.42
Durable goods	do	9.74	10.10	10.22	10.34	10.27	10.29	10.30	10.28	10.28	10.26	10.27	10.22	10.30	10.28	10.33	p10.44
Excluding overtime	do	9.33	9.69	9.78	9.86	9.86	9.88	9.88	9.87	9.88	9.85	9.87	9.80	9.85	9.85	9.89	p9.96
Lumber and wood products	do	8.03	8.22	8.29	8.35	8.30	8.36	8.33	8.32	8.37	8.43	8.36	8.40	8.42	8.37	r8.39	p8.41
Furniture and fixtures	do	6.84	7.17	7.32	7.38	7.36	7.31	7.35	7.36	7.39	7.46	7.44	7.46	7.52	r7.50	r7.51	p7.60
Stone, clay, and glass products	do	9.57	9.84	9.91	9.95	9.96	9.94	9.93	10.00	10.04	10.04	10.06	10.07	10.11	r10.10	r10.12	p10.15
Primary metal industries	do	11.47	11.68	11.77	11.84	11.81	11.96	11.99	12.00	12.02	11.94	12.06	11.85	11.92	11.84	r11.88	p11.98
Fabricated metal products	do	9.40	9.70	9.76	9.91	9.85	9.85	9.88	9.84	9.85	9.88	9.84	9.82	9.87	r9.86	r9.93	p10.03
Machinery, except electrical	do	9.96	10.29	10.48	10.55	10.50	10.53	10.58	10.55	10.55	10.55	10.57	10.57	10.58	r10.56	r10.59	p10.68
Electric and electronic equip.	do	9.04	9.47	9.61	9.68	9.60	9.60	9.62	9.62	9.64	9.61	9.68	9.67	9.73	r9.72	r9.74	p9.87
Transportation equipment	do	12.20	12.72	12.85	13.06	12.91	12.87	12.90	12.83	12.79	12.78	12.78	12.75	12.87	r12.87	12.91	p13.05
Instruments and related products	do	8.84	9.16	9.27	9.39	9.32	9.39	9.41	9.41	9.40	9.41	9.47	9.45	9.51	r9.54	r9.61	p9.69
Miscellaneous manufacturing	do	7.05	7.30	7.37	7.48	7.48	7.50	7.51	7.50	7.54	7.54	7.59	7.52	7.59	7.60	r7.63	p7.71
Nondurable goods	do	8.38	8.71	8.79	8.87	8.86	8.86	8.88	8.88	8.90	8.91	8.99	8.93	8.96	r8.95	r9.00	p9.05
Excluding overtime	do	8.06	8.38	8.43	8.50	8.52	8.53	8.54	8.55	8.56	8.56	8.63	8.55	8.56	8.58	r8.62	p8.67
Food and kindred products	do	8.39	8.57	8.61	8.71	8.72	8.71	8.74	8.75	8.78	8.74	8.75	8.65	8.65	r8.68	r8.78	p8.85
Tobacco manufactures	do	11.22	11.94	11.97	11.78	11.89	12.38	12.76	12.84	13.38	13.68	13.48	13.44	12.21	r12.10	r12.62	p13.04
Textile mill products	do	6.46	6.71	6.79	6.83	6.85	6.83	6.86	6.87	6.88	6.87	6.90	6.99	7.05	r7.04	r7.07	p7.12
Apparel and other textile products	do	5.55	5.73	5.75	5.80	5.82	5.79	5.80	5.81	5.78	5.79	5.76	5.79	5.87	5.82	5.83	p5.86
Paper and allied products	do	10.41	10.82	10.97	11.07	11.02	10.99	11.03	11.05	11.12	11.15	11.31	11.17	11.20	r11.20	r11.18	p11.24
Printing and publishing	do	9.41	9.71	9.83	9.92	9.85	9.86	9.90	9.87	9.91	9.88	9.96	10.00	10.10	10.08	r10.11	p10.12
Chemicals and allied products	do	11.07	11.56	11.80	11.85	11.86	11.81	11.78	11.82	11.89	11.94	12.04	11.99	12.03	12.08	r12.14	p12.19
Petroleum and coal products	do	13.44	14.06	14.07	14.24	14.26	14.21	14.22	14.16	14.02	14.14	14.16	14.07	14.20	r14.18	14.33	p14.45
Rubber and plastics products, nec	do	8.29	8.54	8.63	8.73	8.69	8.69	8.72	8.68	8.75	8.75	8.82	8.81	8.76	r8.76	r8.80	p8.84
Leather and leather products	do	5.71	5.82	5.83	5.83	5.86	5.83	5.86	5.89	5.88	5.88	5.89	5.90	5.93	r5.92	r5.99	p5.95
Transportation and public utilities	do	11.12	11.40	11.59	11.61	11.59	11.64	11.62	11.55	11.54	11.57	11.61	11.61	11.70	r11.68	r11.77	p11.76
Wholesale trade	do	8.89	9.16	9.23	9.33	9.28	9.36	9.33	9.29	9.29	9.32	9.30	9.32	9.37	r9.35	r9.54	p9.54
Retail trade	do	5.85	5.94	5.97	5.99	6.03	6.04	6.03	6.01	6.00	5.99	5.97	5.97	6.05	6.04	r6.06	p6.02
Finance, insurance, and real estate	do	7.63	7.94	8.06	8.15	8.14	8.28	8.30	8.29	8.31	8.37	8.30	8.33	8.37	8.38	r8.56	p8.52
Services	do	7.59	7.89	8.05	8.12	8.12	8.17	8.18	8.12	8.10	8.10	8.04	8.05	8.19	8.22	8.32	p8.31
Seasonally adjusted:																	
Private nonagricultural payrolls	dollars	8.32	8.57	8.65	8.70	8.68	8.71	8.73	8.72	8.73	8.74	8.73	8.77	r8.76	8.80	r8.85	p8.84
Mining	do	11.58	11.95	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Construction	do	12.13	12.31	12.34	12.40	12.25	12.29	12.23	12.34	12.38	12.43	12.40	12.43	12.43	12.53	r12.65	p12.63
Manufacturing	do	9.19	9.53	9.63	9.68	9.65	9.68	9.70	9.68	9.72	9.71	9.73	9.76	9.74	9.77	r9.77	p9.80
Transportation and public utilities	do	11.12	11.40	11.52	11.56	11.56	11.62	11.65	11.58	11.62	11.63	11.62	11.62	11.64	r11.67	r11.70	p11.70
Wholesale trade	do	8.89	9.16	9.24	9.30	9.22	9.34	9.36	9.27	9.29	9.35	9.31	9.37	9.35	r9.39	r9.55	p9.50
Retail trade	do	5.85	5.94	5.97	6.02	5.99	5.99	6.01	5.99	5.99	6.00	6.00	6.03	6.05	6.05	r6.06	p6.04
Finance, insurance, and real estate	do	7.62	7.93	8.08	8.14	8.10	8.21	8.27	8.28	8.31	8.40	8.33	8.41	8.37	8.41	r8.58	p8.50
Services	do	7.59	7.89	8.02	8.05	8.05	8.11	8.16	8.11	8.12	8.17	8.12	8.16	8.17	8.21	8.29	p8.24
Indexes of avg. hourly earnings, seas. adj.: ◊																	
Private nonfarm economy:																	
Current dollars	1977=100	160.3	165.2	166.8	167.7	167.3	168.2	168.5	168.4	168.7	169.2	168.9	169.3	169.6	170.0	r170.9	p170.8
1977 dollars ‡	do	97.8	94.1	93.9	94.0	93.5	94.4	95.1	95.4	95.4	95.2	95.1	95.1	95.0	95.1	r95.4	p95.1
Mining ‡‡	do	173.8	178.9	180.1	181.7	180.9	180.5	180.1	181.2	181.1	181.4	181.7	181.5	181.5	r181.4	r182.5	p182.8
Construction	do	148.0	150.4	150.3	151.2	149.7	149.7	149.2	150.6	151.0	151.4	150.8	151.3	151.2	152.6	r153.9	p153.8
Manufacturing	do	162.8	168.6	170.2	171.0	170.7	171.3	171.8	172.0	172.5	172.5	172.7	172.9	172.8	173.1	r173.1	p173.7
Transportation and public utilities	do	161.7	166.3	168.5	169.1	168.6	169.6	170.2	169.3	170.1	170.7	170.3	170.1	170.8	170.9	r171.4	p171.6
Wholesale trade ‡‡	do	164.4	169.0	170.3	172.2	171.1	172.4	171.9	171.3	171.4	172.0	171.4	171.7	172.8	r172.6	r175.8	p175.7
Retail trade	do	153.2	155.6	156.6	157.5	157.0	157.3	157.4	157.3	157.2	157.8	157.7	158.5	159.1	159.1	r159.3	p158.5
Finance, insurance, and real estate ‡‡	do	165.7	171.8	174.3	176.2	175.8	178.8	179.2	178.9	179.3	180.5	179.1	179.8	180.5	180.7	r184.0	p183.3
Services	do	161.8	168.2	170.9	171.6	171.7	173.1	174.0	173.1	173.4	174.3	173.4	174.3	174.4	175.3	r176.7	p175.9
Hourly wages, **not seasonally adjusted:**																	
Construction wages, 20 cities (ENR): §§																	
Common labor	$ per hr	15.71	15.95	15.93	16.05	16.05	16.10	16.10	16.12	16.19	16.33	16.57	16.57	16.58	16.60	16.60	16.65
Skilled labor	do	20.66	20.96	20.97	20.97	21.02	21.14	21.14	21.20	21.21	21.44	21.65	21.69	21.76	21.75	21.78	21.80
Railroad wages (average, class I)	do	13.33	13.62	13.91	13.97	13.67	13.91	13.77	13.59	13.82	13.77	13.82	13.96	13.94	r13.84	13.98	
Avg. weekly earnings per worker, private nonfarm: ◊																	
Current dollars, **seasonally adjusted**		292.86	299.09	301.02	303.63	303.80	303.98	304.68	303.46	303.80	303.28	302.93	305.20	r303.97	305.36	r307.98	p305.86
1977 dollars, **seasonally adjusted** ‡		172.78	170.42	169.49	170.20	169.72	170.58	171.94	171.93	171.83	170.67	170.57	171.46	r170.29	170.78	r171.86	p170.30
Current dollars, **not seasonally adjusted:**																	
Private nonfarm, total	dollars	292.86	299.09	301.37	306.59	302.58	300.66	302.93	301.71	302.58	303.98	304.15	305.37	306.59	r305.71	r307.44	p308.87
Mining	do	503.58	519.93	521.42	537.43	543.46	522.37	522.41	522.06	519.99	525.00	518.34	529.17	529.60	r527.92	r524.17	p533.41
Construction	do	458.51	464.09	450.68	460.14	459.05	434.72	444.81	462.10	467.31	465.32	471.47	475.78	482.79	479.56	r460.79	p470.27
Manufacturing	do	374.03	385.97	393.87	406.16	394.79	390.91	395.60	392.85	394.23	395.76	391.55	393.98	398.93	396.58	r400.57	p411.16
Durable goods	do	403.24	416.12	424.13	439.45	425.18	421.89	426.42	423.54	423.54	424.76	417.99	420.04	428.48	424.56	r429.73	p442.66
Nondurable goods	do	332.69	344.92	351.60	359.24	352.63	347.31	352.54	351.65	354.22	355.51	356.00	358.09	360.19	r358.00	r362.70	p368.34
Transportation and public utilities	do	438.13	450.30	457.81	460.92	452.01	456.29	457.83	450.45	450.06	455.86	457.43	457.43	457.47	r456.69	r462.56	p460.99
Wholesale trade	do	342.27	351.74	355.36	360.14	355.42	355.68	357.34	355.81	356.74	358.82	358.05	358.82	358.87	r359.04	r366.34	p366.34
Retail trade	do	174.33	174.64	173.73	178.50	173.06	172.74	174.27	173.69	174.60	176.71	178.50	178.50	176.66	r175.16	r175.74	p176.99
Finance, insurance, and real estate	do	278.50	289.02	291.77	299.11	296.30	304.70	304.61	301.76	301.65	306.34	302.95	304.88	304.67	r306.71	r315.01	p310.98
Services	do	247.43	256.43	260.02	263.90	263.09	264.71	265.03	263.09	262.44	264.06	263.71	264.04	264.54	266.33	269.57	p269.24
EMPLOYMENT COST INDEX @																	
Civilian workers †	6/81=100				129.2			130.6			131.5			133.0			133.8
Workers, by occupational group																	
White-collar workers	do				131.6			133.1			134.2			136.0			136.9
Blue-collar workers	do				124.9			126.2			126.8			127.8			128.4
Service workers	do				131.8			133.1			133.7			135.4			136.6
Workers, by industry division																	
Manufacturing	do				126.0			127.7			128.7			129.3			130.1
Nonmanufacturing	do				130.6			131.9			132.8			134.6			135.4
Services	do				137.1			138.8			139.4			142.4			143.6
Public administration	do				134.8			136.8			138.0			140.6			141.6
HELP-WANTED ADVERTISING																	
Seasonally adjusted index	1967=100	131	139	144	145	143	142	138	132	128	141	140	134	135	141	146	

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984	Units	Annual 1984	Annual 1985	1985 Nov.	1985 Dec.	1986 Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
LABOR FORCE, EMPLOYMENT, AND EARNINGS—Continued																	
WORK STOPPAGES																	
Work stoppages involving 1,000 or more workers:																	
Number of stoppages:																	
Beginning in month or year	number	62	54	3	2	4	3	3	4	6	11	13	10	5	5	2	1
Workers involved in stoppages:																	
Beginning in month or year	thous	376	324	26	8	7	24	12	7	29	198	46	113	32	44	9	3
Days idle during month or year	do	[2]8,499	[2]7,079	688	662	170	309	390	321	314	3,684	894	1,612	1,191	1,412	941	939
UNEMPLOYMENT INSURANCE																	
Unemployment insurance programs:																	
Insured unemployment, all programs, average weekly # @	thous	2,565	2,662	2,441	2,884	3,370	3,295	3,144	2,799	2,556							
State programs (excluding extended duration provisions):																	
Initial claims	thous	19,632	20,840	1,816	2,238	2,464	1,587	1,509	1,574	1,391	1,422						
Insured unemployment, avg. weekly	do	2,480	2,580	2,355	2,795	3,262	3,194	3,048	2,711	2,479	2,379						
Percent of covered employment: @@																	
Unadjusted		2.9	2.9	2.7	3.0	3.5	3.4	3.3	2.9	2.7	2.5						
Seasonally adjusted				2.9	2.8	2.8	2.8	2.9	2.8	2.9	2.9						
Beneficiaries, average weekly	thous	2,148	2,269	1,913	2,385	2,839	2,868	2,836	2,563	2,189	2,172						
Benefits paid @	mil. $	13,400	14,499	1,010	1,310	1,660	1,491	1,556	1,469	1,261	1,178						
Federal employees, insured unemployment, average weekly	thous	24	25	23	24	27	26	25	22	20	20						
Veterans' program (UCX):																	
Initial claims	do	158	148	13	13	14	11	12	12	12	13						
Insured unemployment, avg. weekly	do	21	20	22	22	23	21	20	19	18	19						
Beneficiaries, average weekly	do	19	18	19	24	21	20	19	17	15	16						
Benefits paid	mil. $	135.1	130.2	11.8	12.6	13.8	11.4	11.2	11.1	9.9	10.0						
Railroad program:																	
Applications	thous	100		8	11	12											
Insured unemployment, avg. weekly	do	28	25	27	31	41	38	35	30	22	16						
Benefits paid	mil. $	148.0															
FINANCE																	
BANKING																	
Open market paper outstanding, end of period:																	
Bankers' acceptances	mil. $	77,121	68,115	67,890	68,115	68,314	67,188	66,882	66,235	66,759	67,080	66,437	64,480	67,009	65,920	64,907	
Commercial and financial company paper, total	do	231,760	293,909	292,023	293,969	297,704	297,423	298,885	300,309	310,364	314,598	313,976	322,648	326,967	329,955	326,536	
Financial companies	do	166,776	213,739	206,507	213,739	212,097	213,590	218,742	221,789	230,276	234,938	232,718	239,498	243,295	244,066	243,300	
Dealer placed	do	57,191	79,596	73,127	79,596	79,359	79,439	83,823	85,106	88,540	90,463	88,537	92,146	96,458	96,470	94,829	
Directly placed	do	109,585	134,143	133,380	134,143	132,738	134,151	134,919	136,683	141,736	144,475	144,181	147,352	146,837	147,596	148,471	
Nonfinancial companies	do	64,984	80,170	85,516	80,170	85,607	83,833	80,143	78,520	80,088	79,660	81,258	83,150	83,672	85,889	83,236	
Agricultural loans and discounts outstanding of agencies supervised by the Farm Credit Adm.:																	
Total, end of period	mil. $	78,003															
Farm mortgage loans:																	
Federal land banks	do	50,714															
Loans to cooperatives	do	8,760															
Other loans and discounts	do	18,528															
Federal Reserve banks, condition, end of period:																	
Assets, total #	mil. $	208,523	237,572	217,182	237,572	228,512	224,550	226,838	235,015	229,691	231,206	232,409	234,762	245,900	239,359	243,334	267,359
Reserve bank credit outstanding, total #	do	174,052	195,296	179,906	195,296	189,332	185,172	186,185	193,259	191,111	193,221	193,151	195,158	202,335	199,196	205,775	224,285
Time loans	do	3,577	3,060	1,602	3,060	827	661	818	954	850	952	737	913	879	806	557	1,565
U.S. Government securities	do	160,850	181,327	169,168	181,327	178,992	176,536	176,620	181,834	181,992	183,849	183,446	185,937	190,751	189,995	196,293	211,316
Gold certificate account	do	11,096	11,090	11,090	11,090	11,090	11,090	11,090	11,089	11,085	11,084	11,084	11,084	11,084	11,084	11,084	11,084
Liabilities, total #	do	208,523	237,572	217,182	237,572	228,512	224,550	226,838	235,015	229,691	231,206	232,409	234,762	245,900	239,359	243,334	267,359
Deposits, total	do	28,252	39,503	27,062	39,503	40,441	35,063	37,593	41,733	38,083	35,887	35,179	36,364	45,313	40,239	41,475	56,899
Member-bank reserve balances	do	21,818	28,631	23,830	28,631	23,480	29,324	30,782	29,416	31,329	31,940	30,275	34,570	36,794	36,966	38,296	48,107
Federal Reserve notes in circulation	do	168,327	181,450	177,504	181,450	174,453	175,072	177,189	178,418	181,634	183,040	184,198	185,349	184,191	186,022	190,327	195,360
All member banks of Federal Reserve System, averages of daily figures:																	
Reserves held, total	mil. $	[1]40,696	[1]48,142	46,382	48,142	48,060	46,652	47,274	48,882	48,419	49,938	51,029	51,277	53,189	54,623	[r]56,399	59,569
Required	do	[1]39,843	[1]47,085	45,454	47,085	46,949	45,555	46,378	48,081	47,581	49,007	50,118	50,538	52,463	53,877	[r]55,421	58,192
Excess	do	[1]853	[1]1,058	928	1,058	1,111	1,097	896	801	838	931	910	740	726	746	[r]978	1,377
Borrowings from Federal Reserve banks	do	[1]3,186	[1]1,318	1,741	1,318	770	884	761	893	876	803	741	872	1,008	841	752	827
Free reserves	do	[1]−2,220	[1]−204	−706	−204	377	269	203	−19	56	236	285	12	−145	4	[r]296	588
Large commercial banks reporting to Federal Reserve System: ‡																	
Deposits:																	
Demand, total #	mil. $	223,965	220,230	211,612	220,230	193,230	195,234	200,318	222,160	223,183	208,322	216,858	216,797	209,302	212,220	238,905	290,510
Individuals, partnerships, and corporations ‡‡	do	172,700	164,788	160,610	164,788	146,856	148,975	152,583	167,022	166,909	158,886	165,772	163,752	159,969	163,666	181,882	223,165
States and political subdivisions	do	6,219	5,748	5,346	5,748	4,807	5,194	5,012	6,072	5,051	5,854	5,101	5,314	5,111	4,907	5,720	6,994
U.S. Government	do	1,160	2,068	2,907	2,068	2,682	2,705	2,520	4,754	1,861	1,896	2,834	2,583	2,979	2,563	2,751	1,840
Depository institutions in U.S. ‡‡	do	26,297	29,131	26,530	29,131	22,442	23,329	23,024	24,601	27,045	23,968	25,077	24,502	24,267	24,297	27,935	34,335
Transaction balances other than demand deposits *	do	36,226	41,799	40,584	41,799	40,983	41,930	43,198	44,323	44,433	45,133	46,546	47,933	48,662	50,499	53,312	60,082
Nontransaction balances, total *	do	456,258	482,622	479,747	482,622	492,088	493,947	494,275	490,165	492,205	492,320	495,338	499,034	499,451	498,662	500,622	509,176
Individuals, partnerships, and corporations	do	422,480	446,601	444,194	446,601	454,032	454,458	455,090	451,865	453,483	454,064	458,438	460,309	460,628	460,175	462,027	471,044
Loans and leases(adjusted),total §	do	659,091	717,700	706,723	717,700	717,002	722,494	729,963	738,952	733,880	735,619	736,814	739,053	745,941	744,152	764,368	797,180
Commercial and industrial	do	251,957	255,245	254,986	255,245	254,600	257,916	258,894	260,964	258,072	259,807	256,816	256,879	256,935	257,371	263,314	289,168
For purchasing and carrying securities	do	18,066	22,527	20,649	22,527	16,503	16,542	20,704	21,964	18,625	16,610	16,538	16,742	16,043	12,946	18,597	14,271
To nonbank depository and other financial	do	25,460	25,279	25,086	25,279	24,181	23,594	24,061	24,328	24,812	25,860	25,592	26,735	26,691	26,984	26,414	28,463
Real estate loans	do	158,428	179,122	177,880	179,122	181,825	183,464	185,250	187,513	189,826	191,371	194,224	196,606	199,107	200,283	202,831	209,348
To States and political subdivisions ◊	do	29,210	33,257	31,886	33,257	36,954	36,800	36,640	36,416	36,216	36,371	36,005	36,335	36,269	35,472	35,320	34,539
Other loans	do	175,970	202,270	196,236	202,270	202,939	204,178	204,414	207,767	206,329	205,600	207,639	205,756	210,896	211,096	217,892	221,391
Investments, total	do	127,885	153,310	148,853	153,310	162,240	166,581	159,009	161,794	160,763	161,948	172,634	176,920	178,385	180,155	185,946	187,583
U.S. Treasury and Govt. agency securities, total ◊	do	78,539	85,422	90,441	85,422	87,106	94,835	90,179	92,526	92,761	93,681	103,278	102,778	102,034	107,951	113,889	115,374
Investment account ◊	do	64,697	69,647	70,549	69,647	69,152	71,608	70,193	71,031	72,031	73,507	80,689	81,938	82,108	87,881	92,428	93,891
Other securities ◊	do	49,346	67,888	58,412	67,888	75,134	71,746	68,830	69,268	68,002	68,267	69,356	74,142	76,351	72,204	72,057	72,209

See footnotes at end of tables.

Data for the series shown in the S (or "blue") pages of the SURVEY OF CURRENT BUSINESS are now available on diskette.
See page S-36 for details.

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984	Units	Annual 1984	Annual 1985	1985 Nov.	1985 Dec.	1986 Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
FINANCE—Continued																	
BANKING—Continued																	
Commercial bank credit, seas. adj.: §																	
Total loans and securities ◇	bil. $	1,722.6	1,900.4	1,876.0	1,900.4	1,930.0	1,935.5	1,944.6	1,947.9	1,957.5	1,963.7	1,985.0	2,007.7	r2,029.6	r2,034.0	2,049.0	.....
U.S. Treasury securities	do	260.9	273.1	276.0	273.1	268.2	273.6	269.5	270.0	274.1	274.8	285.4	290.9	r294.3	r299.6	304.8	.....
Other securities	do	142.1	177.6	163.3	177.6	192.5	188.1	183.3	182.1	181.9	183.6	186.1	192.3	r200.7	r196.7	194.8	.....
Total loans and leases ◇	do	1,319.7	1,449.7	1,436.8	1,449.7	1,469.3	1,473.7	1,491.8	1,495.8	1,501.5	1,505.3	1,513.4	1,524.5	r1,534.7	r1,537.7	1,549.5	.....
Money and interest rates:																	
Prime rate charged by banks on short-term business loans	percent	12.04	9.93	9.50	9.50	9.50	9.50	9.10	8.83	8.50	8.50	8.16	7.90	7.50	7.50	7.50	7.50
Discount rate (New York Federal Reserve Bank) @@	do	8.80	7.69	7.50	7.50	7.50	7.50	7.10	6.83	6.50	6.50	6.16	5.82	5.50	5.50	5.50	5.50
Federal intermediate credit bank loans	do	11.20	10.64	10.24	10.26	10.24	10.24	10.20	10.13	10.01	9.90	9.73	9.81	9.26	9.09	8.92	8.85
Home mortgage rates (conventional 1st mortgages):																	
New home purchase (U.S. avg.)	percent	[2]11.88	[2]11.09	10.55	10.47	10.40	10.21	10.04	9.87	9.84	9.74	9.89	9.84	9.74	9.57	r9.45	9.28
Existing home purchase(U.S. avg.)	do	[2]12.00	[2]11.18	10.80	10.70	10.40	10.46	10.24	10.00	9.80	9.83	9.88	9.88	9.71	9.59	r9.48	9.29
Open market rates, New York City:																	
Bankers' acceptances, 90 days	do	10.14	7.92	7.70	7.65	7.62	7.54	7.09	6.48	6.54	6.60	6.23	5.80	5.60	5.58	5.67	5.96
Commercial paper, 6-month ‡	do	10.16	8.01	7.69	7.62	7.62	7.54	7.08	6.47	6.53	6.63	6.24	5.83	5.61	5.61	5.69	5.88
Finance co. paper placed directly, 6-mo	do	9.65	7.75	7.57	7.51	7.47	7.40	7.10	6.44	6.33	6.53	6.24	5.90	5.54	5.50	5.58	5.74
Yield on U.S. Gov. securities (taxable): 3-month bills (rate on new issue)	percent	9.580	7.490	7.200	7.070	7.040	7.030	6.590	6.060	6.120	6.210	5.840	5.570	5.190	5.180	5.350	5.490
CONSUMER INSTALLMENT CREDIT †																	
Not seasonally adjusted																	
Total outstanding (end of period) #	mil. $	460,822	543,223	530,388	543,223	544,105	543,585	545,082	550,943	558,400	566,412	573,111	579,196	588,284	r594,084	597,548	.....
By major holder:																	
Commercial banks	do	211,606	243,713	238,220	243,713	244,409	243,619	243,136	245,990	246,967	249,313	251,091	252,916	254,914	r256,105	258,078	.....
Finance companies	do	96,747	120,842	119,632	120,842	122,878	124,245	125,511	127,060	130,271	134,735	137,863	140,276	146,709	148,695	147,887	.....
Credit unions	do	67,070	75,726	74,679	75,726	75,484	75,580	76,141	77,277	78,035	79,017	80,103	81,183	82,133	r83,235	84,400	.....
Retailers	do	40,773	43,071	39,267	43,071	41,147	39,558	39,258	39,093	39,493	39,445	39,295	39,519	39,515	39,859	40,930	.....
Savings institutions *	do	40,311	55,567	54,445	55,567	55,823	56,613	57,300	57,950	60,230	60,457	61,201	61,709	61,552	r62,818	63,005	.....
Seasonally adjusted																	
Total outstanding (end of period) #	do	.....	.....	528,621	535,098	542,753	547,852	550,939	555,810	562,267	567,652	573,216	576,610	584,334	r591,542	595,560	.....
By major holder:																	
Commercial banks	do	.....	.....	238,620	240,796	243,256	244,761	245,172	247,498	248,681	249,753	251,197	251,909	253,328	r255,805	258,696	.....
Finance companies	do	.....	.....	118,356	120,095	123,717	126,001	127,422	128,728	131,172	134,933	137,197	138,938	144,559	146,862	146,218	.....
Credit unions	do	.....	.....	74,117	75,127	75,810	76,430	76,952	77,957	78,474	79,094	80,130	80,622	81,373	r82,500	83,787	.....
Retailers	do	.....	.....	39,039	39,187	39,416	39,497	39,844	39,826	40,139	40,076	40,251	40,351	40,445	40,641	40,716	.....
Savings institutions *	do	.....	.....	54,307	55,555	56,290	57,048	57,573	58,024	60,248	60,352	61,052	61,420	61,331	r62,413	62,867	.....
By major credit type:																	
Automobile	do	.....	.....	203,766	206,482	210,661	213,343	214,361	215,814	218,965	222,606	226,235	228,813	236,279	r240,548	241,392	.....
Revolving	do	.....	.....	117,050	118,296	119,682	120,723	122,131	123,442	124,545	124,721	125,577	125,915	126,012	r126,514	128,102	.....
Mobile home	do	.....	.....	25,315	25,461	25,371	25,573	25,584	25,513	25,561	25,480	25,398	25,215	24,958	r24,994	25,029	.....
Total net change (during period) #	do	.....	.....	5,643	6,477	7,655	5,099	3,087	4,871	6,457	5,386	5,564	3,393	7,724	r7,208	4,018	.....
By major holder:																	
Commercial banks	do	.....	.....	3,256	2,176	2,460	1,505	411	2,326	1,183	1,072	1,445	711	1,421	r2,476	2,891	.....
Finance companies	do	.....	.....	791	1,739	3,622	2,284	1,421	1,306	2,444	3,761	2,264	1,741	5,621	2,302	−644	.....
Credit unions	do	.....	.....	643	1,010	683	621	522	1,004	517	621	1,036	492	752	r1,126	1,287	.....
Retailers	do	.....	.....	149	148	229	80	347	−18	313	−63	175	100	94	196	75	.....
Savings institutions *	do	.....	.....	798	1,248	735	758	526	451	2,223	105	699	370	−90	r1,082	454	.....
By major credit type:																	
Automobile	do	.....	.....	1,772	2,716	4,179	2,682	1,019	1,453	3,151	3,642	3,628	2,579	7,466	r4,268	844	.....
Revolving	do	.....	.....	1,832	1,246	1,386	1,042	1,407	1,311	1,103	175	857	338	97	r502	1,588	.....
Mobile home	do	.....	.....	−5	146	−90	202	11	−71	48	−81	−81	−183	−257	r37	35	.....
FEDERAL GOVERNMENT FINANCE																	
Budget receipts and outlays:																	
Receipts (net)	mil. $	[1]666,457	[1]734,057	r51,166	r68,196	76,710	53,370	49,557	91,438	46,246	77,024	62,974	56,523	78,013	59,012	52,967	78,035
Outlays (net)	do	[1]841,800	[1]945,987	r84,551	r82,853	83,201	77,950	79,700	81,510	85,642	78,034	85,203	84,434	81,750	84,267	79,973	90,112
Budget surplus or deficit (−)	do	[1]−175,342	[1]−211,931	−33,386	−14,656	−6,492	−24,580	−30,142	9,928	−39,396	−1,011	−22,229	−27,911	−3,737	−25,255	−27,006	−12,077
Budget financing, total	do	[1]185,339	[1]211,931	33,386	14,656	6,492	24,580	30,142	−9,928	39,396	1,011	22,229	27,911	3,737	25,255	27,006	12,077
Borrowing from the public	do	[1]170,817	[1]197,269	45,863	33,261	12,660	16,010	8,441	14,213	17,960	18,500	14,980	20,278	22,188	5,936	40,352	22,824
Reduction in cash balances	do	[1]14,522	[1]14,662	−12,477	−18,605	−6,168	8,570	21,701	24,141	21,436	−17,489	7,249	7,633	−18,451	19,319	−13,346	−10,747
Gross amount of debt outstanding	do	[1]1,576,748	[1]1,827,470	1,904,542	1,950,293	1,966,846	1,983,428	1,991,098	2,012,556	2,035,634	2,063,627	2,078,696	2,098,625	2,129,522	2,142,993	2,183,571	2,218,869
Held by the public	do	[1]1,312,589	[1]1,509,857	1,567,110	1,600,371	1,613,032	1,629,042	1,637,483	1,651,696	1,669,656	1,688,156	1,703,136	1,723,414	1,745,602	1,751,538	1,791,889	1,814,714
Budget receipts by source and outlays by agency:																	
Receipts (net), total	mil. $	[1]666,457	[1]734,057	r51,166	r68,196	76,710	53,370	49,557	91,438	46,246	77,024	62,974	56,523	78,013	59,012	52,967	78,035
Individual income taxes (net)	do	[1]295,955	[1]334,560	r23,406	r30,200	41,130	25,376	12,572	45,120	9,820	36,412	31,438	25,764	37,125	31,123	24,122	33,584
Corporation income taxes (net)	do	[1]56,893	[1]61,331	1,390	12,287	2,825	620	8,113	8,716	1,448	10,667	3,374	1,075	11,448	540	1,748	15,693
Social insurance taxes and contributions (net)	mil. $	[1]241,902	[1]265,163	20,145	19,656	26,002	22,040	22,785	31,756	28,745	24,399	21,564	23,738	23,507	21,179	21,751	22,267
Other	do	[1]71,706	[1]73,003	r6,224	r6,053	6,752	5,335	6,089	5,847	6,233	5,546	6,598	5,945	5,933	6,170	5,345	6,492
Outlays, total #	do	[1]841,800	[1]945,987	r84,551	r82,853	83,201	77,950	79,700	81,510	85,642	78,034	85,203	84,434	81,750	84,267	79,973	90,112
Agriculture Department	do	[1]37,426	[1]55,523	r6,403	r4,927	5,697	3,546	4,114	5,763	5,444	3,749	4,536	3,290	5,758	5,733	5,178	5,985
Defense Department, military	do	[1]220,838	[1]245,371	r21,610	r23,004	20,249	20,659	23,370	22,234	23,105	21,842	23,034	21,858	23,288	22,525	20,197	23,498
Health and Human Services Department	mil. $	[1]292,313	[1]315,537	r27,177	r26,628	28,085	27,281	26,636	27,959	28,441	29,431	28,985	29,148	26,890	29,905	26,552	30,390
Treasury Department	do	[1]141,105	[1]164,987	r13,729	r24,232	13,921	13,622	12,305	13,255	13,651	24,517	12,641	13,525	9,721	7,965	13,910	25,557
National Aeronautics and Space Adm.	do	[1]7,048	[1]7,251	r602	r750	572	687	380	632	614	456	513	582	728	625	626	746
Veterans Administration	do	[1]25,593	[1]26,333	3,296	2,407	2,070	2,321	1,072	2,332	3,449	912	2,361	3,369	822	3,484	790	3,645
GOLD AND SILVER:																	
Gold:																	
Monetary stock, U.S. (end of period)	mil. $	11,096	11,090	11,090	11,090	11,090	11,090	11,090	11,089	11,085	11,084	11,084	11,084	11,084	11,084	11,084	.....
Price at New York ‡‡	dol. per troy oz.	360.287	317.299	325.466	322.420	345.491	339.332	345.420	340.552	342.457	342.788	348.850	376.852	419.014	423.617	398.806	391.225
Silver:																	
Price at New York ‡‡	dol. per troy oz.	8.141	6.142	6.134	5.888	6.053	5.874	5.039	5.229	5.115	5.153	5.049	5.218	5.683	5.667	5.596	5.364

See footnotes at end of tables.

FINANCE—Continued

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984	Units	Annual 1984	Annual 1985	1985 Nov.	1985 Dec.	1986 Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
MONETARY STATISTICS																	
Currency in circulation (end of period)	bil. $	183.8	197.5		197.5			193.2			199.3			200.6			
Money stock measures and components (averages of daily figures): †																	
Measures (not seasonally adjusted): ‡																	
M1	bil. $	544.5	594.0	621.7	639.9	633.5	619.2	630.5	652.9	651.8	669.2	679.8	684.6	690.7	698.4	r715.0	746.0
M2	do	2,277.7	2,484.5	2,549.7	2,574.7	2,578.7	2,570.9	2,594.5	2,631.8	2,640.7	2,673.0	2,704.6	2,719.2	2,731.5	r2,759.2	r2,779.3	2,814.9
M3	do	2,847.8	3,104.4	3,184.7	3,213.9	3,232.2	3,233.4	3,262.9	3,300.2	3,308.6	3,339.7	3,372.7	r3,395.5	3,418.2	r3,440.2	r3,464.8	3,503.3
L (M3 plus other liquid assets)	do	3,365.1	3,685.1	3,803.2	3,845.7	3,867.4	3,873.6	r3,899.3	r3,928.7	r3,937.7	r3,973.7	r4,003.6	r4,027.5	r4,054.2	r4,077.8	4,114.7	
Components (not seasonally adjusted):																	
Currency	do	154.3	165.0	170.7	173.1	170.5	170.6	172.3	173.6	175.8	177.4	179.1	179.9	r179.5	180.9	183.2	186.1
Demand deposits	do	245.9	259.4	269.0	281.3	275.1	262.0	267.1	278.7	276.7	285.6	290.0	289.0	290.8	292.5	299.6	318.9
Other checkable deposits ‡‡	do	139.2	163.8	176.4	180.1	182.4	181.0	185.3	194.7	193.4	199.6	203.5	208.5	213.5	218.5	226.0	235.0
Overnight RP's and Eurodollars ◊	do	56.7	63.3	66.4	70.3	68.9	68.5	67.6	68.6	69.2	66.5	71.9	74.6	r72.7	r77.2	r75.8	75.7
General purpose and broker/dealer money market funds	do	150.4	175.7	176.8	176.5	177.7	181.0	186.2	191.4	193.2	197.3	199.7	200.5	202.2	r206.9	r207.0	207.2
Money market deposit accounts	do	396.8	480.1	509.5	512.0	515.7	516.3	520.5	525.2	530.8	540.4	546.1	553.1	558.3	563.8	568.1	570.7
Savings deposits	do	297.5	295.8	303.3	301.8	302.7	302.7	306.5	312.9	319.9	327.0	333.8	337.0	343.2	354.8	r363.0	369.4
Small time deposits @	do	838.9	883.7	880.7	882.5	889.1	891.7	891.8	889.6	884.7	881.6	882.6	878.5	873.6	867.3	r859.6	855.0
Large time deposits @	do	378.8	424.3	435.3	438.7	447.6	451.1	450.9	447.7	445.2	443.0	443.8	448.3	449.2	r446.1	r445.4	446.5
Measures (seasonally adjusted): ‡																	
M1	do			620.1	626.6	627.2	631.0	638.4	646.1	658.7	666.8	676.0	687.6	r693.2	701.2	r713.5	730.4
M2	do			2,551.4	2,566.5	2,569.9	2,577.7	2,592.4	2,622.2	2,649.7	2,670.8	2,699.2	2,724.3	2,740.8	r2,765.2	r2,781.4	2,804.7
M3	do			3,181.3	3,201.2	3,224.5	3,241.5	3,262.6	3,293.7	3,315.4	3,339.0	3,375.1	r3,400.8	3,425.5	r3,444.2	r3,461.2	3,488.1
L (M3 plus other liquid assets)	do			3,800.5	3,839.5	3,862.2	r3,881.3	r3,895.1	r3,918.6	r3,951.0	r3,973.5	r4,003.5	r4,031.1	r4,059.3	r4,082.0	4,111.8	
Components (seasonally adjusted):																	
Currency	do			169.8	170.6	171.9	172.9	173.9	174.4	175.8	176.7	177.5	179.0	179.7	181.2	182.2	183.5
Demand deposits	do			267.8	271.5	268.9	269.2	273.2	275.7	281.6	284.9	288.3	291.8	292.2	293.2	298.4	307.8
Other checkable deposits ‡‡	do			176.7	178.6	180.5	183.1	185.3	189.9	195.1	199.0	203.8	210.4	214.8	220.4	226.4	232.7
Savings deposits	do			303.7	303.6	304.0	304.9	306.9	311.4	318.5	325.0	331.2	337.6	344.4	353.8	r363.3	371.5
Small time deposits @	do			876.0	880.3	885.9	891.0	894.7	895.9	891.2	885.6	883.7	877.2	871.3	861.8	r854.9	852.4
Large time deposits @	do			432.9	436.5	447.9	451.3	450.5	452.1	446.4	445.1	445.9	r448.1	447.2	r443.0	r442.9	444.3
PROFITS AND DIVIDENDS (QTRLY.)																	
Manufacturing corps. (Bureau of the Census):																	
Net profit after taxes, all industries	mil. $	107,648	87,648		20,146			r19,669			r27,090			18,865			
Food and kindred products	do	9,760	12,798		3,626			2,720			3,387			3,319			
Textile mill products	do	1,635	1,200		466			426			525			496			
Paper and allied products	do	3,015	2,880		695			589			922			824			
Chemicals and allied products	do	13,883	9,542		771			3,114			3,737			3,861			
Petroleum and coal products	do	17,154	12,739		3,276			r2,698			4,220			348			
Stone, clay, and glass products	do	1,870	1,627		432			200			699			688			
Primary nonferrous metal	do	−84	−1,000		−545			169			259			161			
Primary iron and steel	do	−379	−1,349		−409			−350			−398			−2,152			
Fabricated metal products (except ordnance, machinery, and transportion equipment)	mil. $	4,646	3,388		574			919			1,168			780			
Machinery (except electrical)	do	11,963	9,676		3,105			1,386			2,205			1,662			
Electrical machinery, equipment, and supplies	do	8,616	6,886		1,515			r1,694			r2,324			1,489			
Transportation equipment (except motor vehicles, etc.)	mil. $	4,117	3,594		491			1,103			1,173			1,058			
Motor vehicles and equipment	do	10,575	9,087		2,667			2,489			2,891			1,265			
All other manufacturing industries	do	20,877	16,580		3,482			r2,512			r3,978			5,066			
Dividends paid (cash), all industries	do	45,102	45,517		11,756			10,849			10,927			12,111			
SECURITIES ISSUED																	
Securities and Exchange Commission:																	
Estimated gross proceeds, total	mil. $	89,247	131,539	13,194	19,137	13,354	17,773	24,688	23,976	14,095	26,155	13,248	18,786	r9,561	16,623		
By type of security:																	
Bonds and notes, corporate	do	59,483	85,828	10,098	15,118	8,120	12,413	16,234	19,205	8,303	20,731	8,967	13,344	r5,667	10,195		
Common stock	do	22,151	35,646	1,864	3,420	3,869	3,413	6,816	3,772	4,839	4,211	3,406	3,974	r3,567	5,302		
Preferred stock	do	4,219	6,224	782	450	570	1,947	772	751	803	1,213	726	1,368	r327	727		
By type of issuer:																	
Corporate, total #	mil. $	85,853	127,698	12,744	18,988	12,559	17,773	23,822	23,728	13,945	26,155	13,098	18,686	r9,561	16,224		
Manufacturing	do	14,467	25,558	3,220	3,108	1,853	3,610	4,222	4,610	2,794	4,770	2,524	2,619	r993	1,816		
Extractive (mining)	do	5,522	4,499	541	467	257	147	321	214	827	281	548	131	428	218		
Public utility	do	7,523	9,914	1,308	831	685	2,431	2,491	2,596	1,925	2,324	1,366	2,003	r1,302	1,753		
Transportation	do	1,638	4,036	146	325	576	601	660	782	432	154	209	57	28	728		
Communication	do	2,018	3,854	885	580	831	1,928	1,660	1,937	411	861	352	1,208	334	437		
Financial and real estate	do	45,150	65,356	5,777	12,422	7,375	8,008	11,994	11,432	5,521	15,164	5,528	10,978	r5,104	9,515		
State and municipal issues (Bond Buyer):																	
Long-term	do	101,882	203,954	31,648	54,439	1,654	3,116	7,636	11,913	13,262	11,746	21,442	25,101	6,960	r11,525	11,187	11,442
Short-term	do	31,068	19,492	450	640	721	546	373	3,832	278	4,452	4,891	1,764	542	r337	1,209	534
SECURITY MARKETS																	
Stock Market Customer Financing																	
Margin credit at brokers, end of year or month	mil. $	22,470	28,390	26,400	28,390	26,810	27,450	29,090	30,760	32,370	32,480	33,170	34,550	34,580	36,310		
Free credit balances at brokers:																	
Margin accounts	do	1,755	2,715	2,080	2,715	2,645	2,545	2,715	3,065	2,405	2,585	2,570	3,035	3,395	3,805		
Cash accounts	do	10,215	12,840	10,340	12,840	11,695	12,355	13,920	14,340	12,970	13,570	14,600	14,210	14,060	14,445		
Bonds																	
Prices:																	
Standard & Poor's Corporation, domestic municipal (15 bonds)	dol. per $100 bond	47.9	53.0	56.2	57.0	60.0	64.5	67.4	65.4	62.8	60.6	63.1	65.6	66.8	67.0	69.2	68.6
Sales:																	
New York Stock Exchange, exclusive of some stopped sales, face value, total	mil. $	6,982.29	9,046.45	767.98	836.45	907.61	993.95	1,064.44	958.56	804.98	730.56	852.42	806.33	761.06	815.01	788.96	928.52

See footnotes at end of tables.

Data for the series shown in the S (or "blue") pages of the SURVEY OF CURRENT BUSINESS are now available on diskette.
See page S-36 for details.

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984	Units	Annual 1984	Annual 1985	1985 Nov.	1985 Dec.	1986 Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
FINANCE—Continued																	
Bonds—Continued																	
Yields:																	
Domestic corporate (Moody's)	percent	[1]13.49	12.05	11.29	10.89	10.75	10.40	9.79	9.51	9.69	9.73	9.52	9.44	9.55	9.54	9.37	9.23
By rating:																	
Aaa	do	[1]12.71	11.37	10.55	10.16	10.05	9.67	9.00	8.79	9.09	9.13	8.88	8.72	8.89	8.86	8.68	8.49
Aa	do	13.31	11.82	11.07	10.63	10.46	10.13	9.49	9.21	9.43	9.49	9.28	9.22	9.36	9.33	9.20	9.02
A	do	13.74	12.28	11.54	11.19	11.04	10.67	10.15	9.83	9.94	9.96	9.76	9.64	9.73	9.72	9.51	9.41
Baa	do	14.19	12.72	11.99	11.58	11.44	11.11	10.49	10.19	10.29	10.34	10.16	10.18	10.20	10.24	10.07	9.97
By group:																	
Industrials	do	13.21	11.80	11.23	10.96	10.83	10.63	10.24	9.98	9.85	9.95	9.85	9.73	9.68	9.68	9.58	9.49
Public utilities	do	[1]14.03	12.29	11.33	10.82	10.66	10.16	9.33	9.02	9.52	9.51	9.19	9.15	9.42	9.39	9.15	8.96
Railroads	do	13.07	11.94	11.35	11.18	10.86	10.58	10.05	9.78	9.58	9.72	9.73	9.69	9.57	9.65	9.56	9.37
Domestic municipal:																	
Bond Buyer (20 bonds)	do	10.12	9.07	8.51	8.33	7.86	6.98	7.15	7.33	7.70	7.51	7.54	6.93	7.19	6.94	6.74	6.85
Standard & Poor's Corp. (15 bonds)	do	10.15	9.18	8.64	8.51	8.06	7.44	7.07	7.32	7.67	7.98	7.62	7.31	7.14	7.12	6.86	6.93
U.S. Treasury bonds, taxable ‡	do	11.99	10.75	10.08	9.60	9.51	9.07	8.13	7.59	8.02	8.23	7.86	7.72	8.08	8.04	7.81	7.67
Stocks																	
Prices:																	
Dow Jones averages (65 stocks)		463.10	541.56	577.56	606.50	614.75	659.83	693.86	706.04	699.26	715.91	698.61	712.53	709.96	721.67	744.53	753.06
Industrial (30 stocks)		1,178.48	1,328.23	1,432.88	1,517.02	1,534.86	1,652.73	1,757.35	1,807.05	1,801.80	1,867.70	1,809.92	1,843.45	1,813.47	1,817.04	1,883.65	1,924.07
Public utility (15 stocks)		131.77	157.58	163.98	169.56	173.44	180.93	186.35	188.34	183.48	189.33	202.28	210.95	205.35	201.41	210.14	210.82
Transportation (20 stocks)		513.85	645.11	679.68	707.14	715.74	774.86	804.40	802.01	789.55	784.47	737.39	743.80	772.85	825.43	838.43	835.97
Standard & Poor's Corporation: §																	
Combined index (500 Stocks)	1941-43=10	160.46	186.84	197.45	207.26	208.19	219.37	232.33	237.98	238.46	245.30	240.18	245.00	238.27	237.36	245.09	248.61
Industrial, total (400 Stocks) #	do	181.26	207.79	219.44	230.29	230.37	241.91	256.25	263.89	266.38	274.55	266.17	270.23	263.62	263.09	272.79	276.69
Capital goods (105 Stocks)	do	171.84	188.75	196.54	210.81	211.67	223.60	229.34	232.60	231.79	236.16	223.40	226.20	229.12	219.49	227.85	234.51
Consumer goods (191 Stocks)	do	150.87	184.52	200.75	212.60	211.38	226.76	248.55	260.51	265.98	279.47	283.70	280.30	263.60	262.82	272.91	272.63
Utilities (40 Stocks)	do	67.98	82.97	86.80	90.83	92.06	97.51	102.01	103.78	102.39	106.65	112.13	118.53	113.11	114.01	114.10	115.52
Transportation (20 Stocks)	1982=100	136.77	166.62	177.68	187.65	191.27	206.37	212.11	208.18	201.88	202.31	187.79	186.18	189.86	205.27	206.35	204.75
Railroads (6 Stocks)	1941-43=10	101.40	123.17	133.46	140.41	142.49	150.10	156.43	148.69	142.02	144.23	134.52	131.50	133.04	135.51	141.50	140.70
Financial (40 Stocks)	1970=10	16.99	22.04	23.79	25.10	25.87	27.76	30.27	30.12	28.93	28.85	28.58	29.51	27.85	27.59	27.14	27.89
New York City banks (6 Stocks)	1941-43=10	63.82	85.44	89.85	97.89	100.70	100.33	118.69	125.26	123.55	124.21	119.89	122.42	115.88	110.91	110.79	115.90
Banks outside NYC (10 Stocks)	do	95.21	101.62	99.55	104.47	103.95	106.60	118.90	120.46	120.82	121.92	115.83	116.52	112.04	110.12	113.60	112.15
Property-Casualty Insurance (5 Stocks)	do	181.26	246.47	278.01	283.54	294.56	314.73	337.97	329.19	325.94	312.46	310.66	320.60	308.53	302.91	290.71	303.73
N.Y. Stock Exchange common stock indexes:																	
Composite	12/31/65=50	92.46	108.09	113.93	119.33	120.16	126.43	133.97	137.27	137.37	140.82	138.32	140.91	137.06	136.74	140.84	142.12
Industrial	do	108.01	123.78	130.53	136.77	137.13	144.03	152.75	157.30	158.59	163.15	158.06	160.10	156.52	156.56	162.10	163.85
Transportation	do	85.63	104.10	108.61	113.52	115.72	124.18	128.66	126.17	122.21	120.65	112.03	111.24	114.06	120.04	122.27	121.26
Utility	do	46.44	56.74	59.07	61.69	62.46	65.18	68.06	69.46	68.65	70.69	74.20	77.84	74.56	73.38	75.77	76.07
Finance	do	89.28	114.21	122.83	128.86	132.36	142.13	153.94	155.07	151.28	151.73	150.23	152.90	145.56	143.89	142.97	144.29
Yields (Standard & Poor's Corp.):																	
Composite (500 stocks)	percent	4.64	4.25	4.06	3.88	3.90	3.72	3.50	3.43	3.42	3.36	3.43	3.36	3.43	3.49	3.40	.....
Industrials (400 stocks)	do	4.05	3.76	3.59	3.44	3.47	3.32	3.13	3.05	3.02	2.95	3.04	2.99	3.04	3.08	2.99	.....
Utilities (40 stocks)	do	9.48	8.12	7.84	7.45	7.42	7.11	6.78	6.68	6.81	6.60	6.28	5.97	6.14	6.37	6.19	.....
Transportation (20 stocks)	do	3.22	2.86	2.65	2.55	2.52	2.35	2.26	2.39	2.38	2.38	2.56	2.59	2.54	2.45	2.39	.....
Financial (40 stocks)	do	5.35	4.21	3.84	3.63	3.54	3.30	3.00	3.03	3.12	3.14	3.15	3.08	3.22	3.33	3.38	.....
Preferred stocks, 10 high-grade	do	11.62	10.44	10.12	10.05	9.85	9.62	9.13	8.97	9.00	8.89	8.66	8.42	8.10	8.17	8.07	8.18
Sales:																	
Total on all registered exchanges (SEC):																	
Market value	mil. $	959,235	1,197,249	108,183	131,583	119,804	128,234	156,551	162,274	137,337	127,537	147,992	[r]130,677	[r]147,892	144,985	.....	.....
Shares sold	millions	30,451	37,031	3,327	4,002	3,635	3,772	4,466	4,500	3,757	3,609	4,040	[r]3,738	[r]4,108	4,036	.....	.....
On New York Stock Exchange:																	
Market value	mil. $	822,714	1,023,179	92,545	111,908	101,520	109,681	131,144	138,839	115,403	108,454	126,761	111,220	127,758	121,600	.....	.....
Shares sold (cleared or settled)	millions	25,150	30,222	2,744	3,240	2,934	3,087	3,546	3,653	3,034	2,918	3,317	3,046	3,403	3,260	.....	.....
New York Stock Exchange:																	
Exclusive of odd-lot and stopped stock sales (sales effected)	millions	23,071	27,511	2,445	2,802	2,879	2,899	3,215	3,240	2,680	2,649	3,030	2,702	3,167	3,017	2,941	3,261
Shares listed, NYSE, end of period:																	
Market value, all listed shares	bil. $	1,586.10	1,950.33	1,874.53	1,950.33	1,959.17	2,094.86	2,204.12	2,165.55	2,260.99	2,289.30	2,163.40	2,279.44	2,127.30	2,237.28	2,266.61	2,199.26
Number of shares listed	millions	49,092	52,427	52,175	52,427	53,259	52,734	53,259	53,407	54,251	56,106	57,046	57,452	57,970	58,512	59,062	59,620
FOREIGN TRADE OF THE UNITED STATES																	
VALUE OF EXPORTS																	
Exports (mdse.), incl. reexports, total @	mil. $	217,888.1	213,146.1	17,720.5	16,994.3	17,006.2	17,734.6	18,912.9	17,964.8	17,430.6	19,069.7	17,707.2	17,604.4	17,518.1	19,329.8	18,594.6	.....
Excl. Dept. of Defense shipments	do	217,865.2	213,133.0	17,720.2	16,993.8	17,005.9	17,734.2	18,910.8	17,964.1	17,430.3	19,069.2	17,706.8	17,601.4	17,517.5	19,328.1	18,593.3	.....
Seasonally adjusted	do	.....	.....	17,975.5	17,023.9	(2)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
By geographic regions:																	
Africa	do	8,826.6	7,388.1	544.3	535.0	472.4	504.2	483.7	468.5	437.5	485.3	491.9	566.4	450.9	465.1	577.9	.....
Asia	do	64,532.6	60,745.3	4,889.8	5,120.2	4,742.9	4,843.5	5,424.1	5,184.0	4,740.2	6,793.9	5,978.5	5,747.4	4,819.2	5,573.7	5,156.4	.....
Australia and Oceania	do	5,744.5	6,399.1	535.5	490.1	474.4	594.5	831.2	433.3	525.5	477.2	511.0	539.2	567.0	575.3	622.4	.....
Europe	do	62,207.1	59,978.0	5,259.1	4,892.7	4,975.2	5,623.9	5,960.4	5,290.0	5,163.7	4,841.7	4,830.2	4,978.0	5,007.4	5,748.3	5,664.7	.....
Northern North America	do	46,526.2	47,257.6	3,695.9	3,275.2	3,999.3	3,786.1	3,659.2	4,058.1	3,780.9	3,857.6	3,172.6	3,094.8	4,119.5	4,176.1	3,911.2	.....
Southern North America	do	18,632.6	19,991.2	1,839.7	1,525.9	1,517.1	1,553.0	1,673.5	1,632.6	1,767.0	1,574.0	1,594.4	1,549.9	1,493.1	1,662.0	1,576.7	.....
South America	do	11,049.8	11,022.3	922.9	1,143.4	824.9	829.4	880.9	898.2	998.2	1,035.5	1,128.5	1,120.5	1,043.2	1,100.1	1,069.8	.....
By leading countries:																	
Africa:																	
Egypt	do	2,704.2	2,322.8	205.6	175.3	139.1	185.8	151.8	132.0	141.1	163.9	133.0	149.8	106.9	158.0	272.7	.....
Republic of South Africa	do	2,265.2	1,205.0	84.2	73.7	77.0	78.5	98.3	92.3	95.5	101.4	92.2	131.0	97.2	94.8	99.3	.....
Asia; Australia and Oceania:																	
Australia, including New Guinea	do	4,845.8	5,481.1	470.3	433.9	371.1	467.1	688.8	370.0	462.2	408.3	425.9	463.3	443.3	505.2	551.5	.....
Japan	do	23,575.0	22,630.8	1,972.1	1,760.8	1,762.5	1,813.0	1,998.1	1,905.8	1,732.2	3,860.5	2,941.0	2,272.4	2,015.2	2,285.9	1,990.1	.....

See footnotes at end of tables.

FOREIGN TRADE OF THE UNITED STATES—Continued

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984	Units	Annual 1984	Annual 1985	1985 Nov.	1985 Dec.	1986 Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
VALUE OF EXPORTS—Continued																	
Exports (mdse.), incl. reexports—Continued																	
Europe:																	
France	mil. $	6,036.7	6,095.7	550.5	508.1	548.2	743.0	614.4	645.8	524.6	546.1	571.6	600.6	638.0	644.9	601.1	
German Democratic Republic	do	136.9	72.3	19.5	12.8	6.0	.9	11.5	1.4	1.2	1.2	1.6	.9	5.3	.9	1.0	
Federal Republic of Germany	do	9,083.6	9,050.0	790.8	680.1	768.4	927.3	917.7	919.3	763.3	777.8	710.1	859.0	821.3	1,051.8	1,068.8	
Italy	do	4,374.9	4,625.2	371.6	388.1	390.2	405.2	432.1	392.9	414.3	478.9	320.4	343.2	361.0	425.8	461.4	
Union of Soviet Socialist Republics	do	3,283.9	2,422.8	292.1	203.1	139.2	271.8	171.6	184.4	74.9	90.1	55.1	66.5	40.8	62.0	44.2	
United Kingdom	do	12,209.7	11,272.9	896.5	820.6	836.2	911.5	1,166.7	926.7	960.0	961.1	862.7	933.7	878.0	988.2	1,016.8	
North and South America:																	
Canada	do	46,524.3	47,251.1	3,695.7	3,275.0	3,999.1	3,786.0	3,659.2	4,057.3	3,780.9	3,857.5	3,172.4	3,094.7	4,119.4	4,175.9	3,911.1	
Latin American Republics, total #	do	26,301.7	27,849.8	2,405.8	2,390.3	2,083.9	2,134.4	2,282.9	2,256.9	2,476.7	2,389.4	2,472.6	2,452.8	2,314.9	2,497.1	2,349.7	
Brazil	do	2,639.7	3,139.6	268.4	452.4	274.2	255.8	246.9	242.1	263.9	301.6	336.2	441.0	412.5	388.1	370.4	
Mexico	do	11,992.1	13,634.7	1,214.1	1,017.4	1,023.2	1,064.8	1,029.4	1,100.9	1,121.0	1,060.7	1,039.1	1,009.6	964.9	1,087.1	945.8	
Venezuela	do	3,377.2	3,399.4	255.6	321.0	219.3	234.1	263.2	254.0	322.4	279.2	298.4	244.3	234.5	248.2	279.4	
Exports of U.S. merchandise, total §	do	212,057.1	206,925.3	17,226.8	16,478.7	16,501.2	17,163.7	18,349.2	17,376.0	16,690.7	16,426.5	15,911.3	16,830.8	16,860.4	18,594.1	17,895.0	
Excluding military grant-aid	do	212,034.2	206,912.2	17,226.5	16,478.2	16,500.9	17,163.3	18,347.1	17,375.3	16,690.4	16,426.0	15,910.9	16,827.8	16,859.8	18,592.4	17,893.7	
Agricultural products, total	do	37,813.9	29,241.5	2,786.0	2,642.2	2,535.8	2,445.4	2,399.6	2,120.4	1,859.9	1,682.9	1,703.3	1,885.3	1,915.1	2,434.8	2,512.1	
Nonagricultural products, total	do	174,243.2	177,683.8	14,440.8	13,836.5	13,965.4	14,718.2	15,949.6	15,255.5	14,830.8	14,743.6	14,207.9	14,945.6	14,945.4	16,159.2	15,382.9	
By commodity groups and principal commodities:																	
Food and live animals #	mil. $	24,462.6	19,267.9	1,747.8	1,543.1	1,629.6	1,460.8	1,431.9	1,222.5	1,169.1	1,233.7	1,452.0	1,604.5	1,465.0	1,638.1	1,523.0	
Beverages and tobacco	do	2,849.4	2,958.2	380.0	364.3	166.9	228.3	273.7	252.4	226.0	204.3	196.2	209.5	207.0	228.1	339.5	
Crude materials, inedible, exc. fuels #	do	20,248.9	16,939.5	1,457.1	1,463.8	1,557.1	1,582.7	1,638.9	1,542.0	1,404.6	1,119.5	1,040.3	1,275.7	1,238.3	1,557.2	1,642.2	
Mineral fuels, lubricants, etc. #	do	9,310.5	9,970.9	991.1	888.4	812.1	675.6	621.7	790.7	728.1	584.1	652.8	661.1	657.4	670.0	641.2	
Oils and fats, animal and vegetable	do	1,922.2	1,434.0	110.5	107.1	97.4	108.3	88.8	103.4	94.8	72.4	70.7	98.0	91.8	59.7	55.4	
Chemicals	do	22,336.3	21,758.7	1,642.5	1,642.7	1,719.2	1,875.5	2,000.8	1,857.6	1,934.1	1,844.6	1,801.5	2,049.7	1,942.0	1,935.6	1,897.4	
Manufactured goods #	do	15,139.9	14,008.9	1,095.5	994.9	1,122.9	1,116.9	1,196.7	1,169.5	1,199.6	1,083.9	1,073.1	1,179.0	1,189.0	1,228.0	1,259.1	
Machinery and transport equipment, total	mil. $	89,972.7	94,278.4	7,694.1	7,397.4	7,269.4	7,894.5	8,693.8	8,262.2	7,762.2	8,048.6	7,390.9	7,347.4	7,785.5	8,678.9	8,107.4	
Machinery, total #	do	60,317.5	59,488.2	4,750.4	4,529.9	4,681.7	4,920.1	5,312.2	5,129.9	4,892.1	4,885.0	4,763.7	5,118.2	4,920.3	5,377.1	5,157.9	
Transport equipment, total	do	29,655.2	34,790.2	2,943.7	2,867.5	2,587.6	2,974.4	3,381.5	3,132.2	2,870.1	3,163.6	2,627.2	2,229.2	2,865.2	3,301.8	2,949.5	
Motor vehicles and parts	do	17,547.9	19,364.0	1,680.2	1,292.6	1,601.5	1,613.1	1,675.0	1,820.5	1,690.1	1,732.2	1,249.2	996.6	1,649.3	1,616.3	1,601.7	
VALUE OF IMPORTS																	
General imports, total	do	325,725.7	345,275.5	30,010.4	30,728.0	32,005.2	28,895.4	31,971.5	28,761.6	30,272.3	31,763.7	34,120.7	29,475.5	28,695.3	30,018.0	36,186.8	
Seasonally adjusted	do			30,285.1	32,887.6	(1)											
By geographic regions:																	
Africa	do	14,354.9	11,964.3	890.1	1,233.0	1,231.1	883.6	943.1	593.4	779.9	831.5	917.3	799.8	851.4	820.3	827.7	
Asia	do	120,132.2	131,884.2	11,622.4	11,468.3	13,158.7	11,402.8	13,028.1	11,157.7	11,903.4	13,295.4	15,033.5	12,914.0	12,076.9	13,198.2	15,640.0	
Australia and Oceania	do	3,558.0	3,819.3	278.1	344.8	317.7	268.7	315.5	312.8	264.6	296.0	390.0	282.8	281.2	300.5	365.0	
Europe	do	73,306.7	81,692.1	7,326.6	7,629.7	7,558.6	7,053.0	8,128.1	7,543.3	7,515.6	8,409.7	8,630.3	7,127.5	6,532.8	6,793.7	9,099.8	
Northern North America	do	66,496.3	69,014.4	5,696.0	5,940.2	5,681.1	5,660.1	5,923.7	5,822.0	5,923.1	5,712.3	5,476.4	5,225.2	5,571.6	5,719.0	6,682.4	
Southern North America	do	26,833.7	25,969.5	2,166.2	2,361.1	2,136.8	2,035.8	2,065.1	1,852.3	2,250.3	1,724.3	2,146.4	1,756.9	1,851.7	1,728.4	2,055.6	
South America	do	21,043.0	20,931.6	2,030.9	1,750.9	1,921.1	1,591.4	1,568.1	1,480.2	1,635.5	1,494.4	1,526.7	1,369.4	1,529.7	1,458.0	1,516.4	
By leading countries:																	
Africa:																	
Egypt	do	169.5	79.2	3.0	2.9	3.2	3.2	3.0	3.4	4.2	4.4	19.8	5.0	27.0	12.5	11.5	
Republic of South Africa	do	2,487.7	2,070.8	176.9	170.3	236.3	191.9	210.7	145.4	175.1	175.9	228.2	156.4	216.6	199.8	177.0	
Asia; Australia and Oceania:																	
Australia, including New Guinea	mil. $	2,702.8	2,870.4	220.1	268.1	240.4	193.9	224.4	237.9	191.3	177.4	273.7	188.0	187.8	222.5	277.4	
Japan	do	57,135.0	68,782.9	6,042.6	6,221.6	6,901.6	5,860.6	7,185.4	6,333.2	6,439.1	7,240.1	8,101.9	6,694.4	5,884.2	6,995.6	8,392.1	
Europe:																	
France	do	8,113.0	9,481.9	904.0	843.2	866.6	733.0	893.8	921.4	902.0	926.7	944.8	802.4	682.0	730.6	992.8	
German Democratic Republic	do	148.9	91.5	4.9	5.2	3.4	7.7	9.0	7.2	8.5	7.7	7.8	7.0	8.3	6.2	7.6	
Federal Republic of Germany	do	16,995.9	20,239.2	1,851.3	2,035.1	1,988.8	1,897.0	2,163.8	2,030.7	2,131.0	2,058.8	2,334.5	2,064.5	1,827.0	1,944.2	2,575.9	
Italy	do	7,934.5	9,673.7	896.5	839.9	960.0	823.6	937.8	805.7	798.2	902.5	1,067.5	989.1	706.5	796.9	1,022.9	
Union of Soviet Socialist Republics	do	554.2	408.6	31.3	30.1	23.0	41.9	29.1	22.0	27.1	198.0	31.6	42.1	47.9	25.4	50.5	
United Kingdom	do	14,491.6	14,937.3	1,331.4	1,346.7	1,273.0	1,234.4	1,288.5	1,219.9	1,232.1	1,519.1	1,289.2	1,127.3	1,241.6	1,098.6	1,511.0	
North and South America:																	
Canada	do	66,478.1	69,006.3	5,695.6	5,939.7	5,680.7	5,659.5	5,922.9	5,821.1	5,922.5	5,711.7	5,475.6	5,224.8	5,571.6	5,719.0	6,681.4	
Latin American Republics, total #	do	42,340.6	43,447.5	3,920.9	3,888.0	3,762.3	3,347.3	3,411.8	3,170.5	3,675.1	3,037.4	3,501.8	2,934.6	3,207.5	3,037.1	3,382.5	
Brazil	do	7,621.0	7,526.2	608.2	579.3	631.2	581.6	517.5	596.7	664.4	564.4	599.4	530.1	518.6	539.9	513.7	
Mexico	do	18,020.0	19,131.8	1,647.1	1,786.3	1,501.1	1,474.4	1,487.7	1,376.9	1,707.2	1,237.9	1,667.0	1,249.7	1,381.3	1,311.3	1,525.1	
Venezuela	do	6,542.8	6,537.0	696.9	601.5	664.7	394.1	504.4	382.2	391.2	416.0	383.6	360.9	466.8	364.8	414.4	
By commodity groups and principal commodities:																	
Agricultural products, total	mil. $	19,765.5	20,004.5	1,590.6	1,868.9	2,043.6	1,778.1	1,861.2	1,779.5	2,045.8	1,601.5	1,789.5	1,608.8	1,635.7	1,619.9	1,869.2	
Nonagricultural products, total	do	305,960.3	325,271.0	28,419.7	28,859.1	29,961.6	27,117.3	30,110.3	26,982.1	28,226.5	30,162.2	32,331.2	27,866.7	27,059.6	28,398.1	34,317.6	
Food and live animals #	do	17,972.8	18,649.3	1,521.6	1,788.5	1,889.6	1,646.5	1,799.2	1,721.8	1,982.9	1,586.4	1,826.8	1,609.4	1,653.3	1,578.4	1,918.0	
Beverages and tobacco	do	3,653.4	3,726.7	343.1	349.7	325.7	261.5	300.8	296.2	346.1	299.2	316.4	322.0	309.9	356.3	409.8	
Crude materials, inedible, exc. fuels #	do	11,081.7	10,391.2	770.7	731.4	834.4	818.0	895.3	966.3	913.2	938.4	980.2	865.5	909.8	816.6	806.6	
Mineral fuels, lubricants, etc	do	60,979.8	53,917.1	4,824.2	5,228.2	5,344.4	3,874.3	3,330.7	2,175.5	2,700.3	3,184.6	2,933.3	2,510.6	2,933.0	2,662.2	3,014.3	
Petroleum and products	do	55,906.1	49,606.6	4,488.9	4,840.7	4,893.8	3,509.5	3,023.7	1,952.5	2,500.2	2,954.8	2,689.4	2,293.7	2,719.9	2,437.7	2,724.1	
Oils and fats, animal and vegetable	do	696.0	672.2	61.8	51.7	55.5	48.7	57.6	34.0	45.8	40.4	49.0	36.8	31.2	35.2	44.6	
Chemicals	do	13,697.4	14,532.8	1,255.5	1,166.0	1,280.3	1,249.1	1,362.3	1,275.2	1,228.5	1,236.2	1,359.5	1,188.3	1,153.2	1,106.2	1,353.7	
Manufactured goods #	do	46,144.7	46,451.2	3,883.6	3,867.3	3,879.6	3,939.9	4,225.9	3,782.0	4,015.9	4,113.9	4,738.4	4,032.4	3,909.1	3,933.1	4,737.1	
Machinery and transport equipment	do	119,191.7	137,263.5	12,152.4	12,476.7	12,909.2	11,953.4	14,144.9	13,187.3	13,426.4	13,908.1	14,874.9	12,714.8	12,136.2	13,548.3	16,403.9	
Machinery, total #	do	68,389.9	75,298.7	6,463.3	6,495.3	6,885.6	6,342.7	7,888.1	6,917.9	7,077.9	7,231.9	8,220.3	7,157.7	6,920.7	7,318.9	8,970.9	
Transport equipment	do	50,801.8	61,964.8	5,689.2	5,981.4	6,023.7	5,610.7	6,256.7	6,269.3	6,348.6	6,676.2	6,654.6	5,557.1	5,215.5	6,229.4	7,433.1	
Motor vehicles and parts	do	45,412.2	55,739.7	5,264.6	5,429.8	5,346.6	5,028.6	5,484.5	5,442.4	5,660.3	6,088.7	6,023.3	5,118.0	4,663.6	5,708.9	6,776.6	

See footnotes at end of tables.

Data for the series shown in the S (or "blue") pages of the SURVEY OF CURRENT BUSINESS are now available on diskette.
See page S-36 for details.

171-530 O - 87 - S2

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984	Units	Annual 1984	Annual 1985	1985 Nov.	1985 Dec.	1986 Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
FOREIGN TRADE OF THE UNITED STATES—Continued																	
Indexes																	
Exports (U.S. mdse., excl. military grant-aid):																	
Unit value	1977=100	156.2	155.0	153.6	154.7	156.2	155.3	155.5	155.1	156.1	157.1	157.7	156.2	157.2	156.9	156.8	
Quantity	do	115.1	113.0	113.4	108.4	107.5	112.5	120.1	114.0	108.8	106.4	102.7	109.7	109.2	120.6	116.2	
Value	do	179.8	175.2	174.2	167.7	167.9	174.7	186.7	176.8	169.9	167.2	161.9	171.3	171.6	189.2	182.1	
General imports:																	
Unit value	do	163.5	159.4	161.0	162.0	160.2	158.0	153.9	152.6	152.5	152.4	153.0	152.0	151.6	156.3	156.5	
Quantity	do	136.7	148.6	153.4	156.2	164.5	150.6	171.0	155.2	163.4	171.7	183.7	159.7	155.8	158.2	190.4	
Value	do	223.5	236.9	247.1	253.0	263.5	237.9	263.3	236.8	249.2	261.6	281.0	242.7	236.3	247.2	298.0	
Shipping Weight and Value																	
Waterborne trade:																	
Exports (incl. reexports):																	
Shipping weight	thous. sh. tons	374,689	349,964	32,282	29,618	28,120	25,092	25,855	27,875	26,648							
Value	mil. $	101,803	91,679	7,976	7,742	7,288	7,389	7,893	7,441	7,243							
General imports:																	
Shipping weight	thous. sh. tons	413,092	394,442	33,580	35,907	37,363	31,387	34,206	29,664	35,933							
Value	mil. $	191,113	205,606	17,564	18,254	20,187	17,130	18,811	16,080	16,497							
TRANSPORTATION AND COMMUNICATION																	
TRANSPORTATION																	
Air Carriers																	
Certificated route carriers:																	
Passenger-miles (revenue)	bil.	305.12	[1]335.90	24.32	28.26	26.36	24.54	30.93	28.74	30.16	32.09	35.60	38.08				
Passenger-load factor	percent	59.2	61.4	54.3	59.1	[c]55.1	[c]57.9	64.2	60.3	58.7	62.1	64.3	69.2				
Ton-miles (revenue), total	mil.	38,697	[1]41,252	3,139	3,512	[c]3,289	[c]3,113	3,844	3,595	3,751	3,932	4,318	4,571				
Operating revenues (quarterly) # §	mil. $	44,060	46,504		11,354			11,649									
Passenger revenues	do	37,035	39,175		9,451			9,172									
Cargo revenues	do	[1]2,875	2,684		745			1,300									
Mail revenues	do	705	893		249			207									
Operating expenses (quarterly) §	do	[1]41,947	[1]46,504		11,599			12,259									
Net income after taxes (quarterly) §	do	720	652		−13			−685									
Domestic operations:																	
Passenger-miles (revenue)	bil.	243.69	[1]270.06	19.97	23.48	20.04	18.66	26.11	24.27	25.13	26.12	28.68	30.33				
Cargo ton-miles	mil.	3,565	[1]3,132	275	246	[c]299	[c]296	328	316	332	318	332	348				
Mail ton-miles	do	1,160	[1]1,213	100	135	[c]102	[c]93	105	102	101	83	97	98				
Operating revenues (quarterly) §	mil. $	35,394	37,618		9,264			9,679									
Operating expenses (quarterly) §	do	33,812	[1]36,584		9,472			10,200									
Net income after taxes (quarterly) §	do	397	[1]256		−244			−558									
International operations:																	
Passenger-miles (revenue)	bil.	61.42	[1]65.84	4.36	4.79	4.34	3.57	4.82	4.47	5.04	5.98	6.92	7.74				
Cargo ton-miles	mil.	3,001	2,874	286	250	[c]218	[c]240	283	268	267	278	296	284				
Mail ton-miles	do	457	443	46	55	34	[c]31	36	34	34	33	33	33				
Operating revenues (quarterly) §	mil. $	7,975	[1]8,304		1,968			1,853									
Operating expenses (quarterly) §	do	7,485	7,983		2,015			1,939									
Net income after taxes (quarterly) §	do	286	356		225			−124									
Urban Transit Systems																	
Passengers carried, total	mil.	8,030	8,116	675	666	657	631	692	700	667	648						
Motor Carriers																	
Carriers of property, large, class I, qtrly.:																	
Number of reporting carriers		100	100		100			100			100						
Operating revenues, total	mil. $	[1]17,413	17,543		4,587			4,203			4,667						
Net income, after extraordinary and prior period charges and credits	mil. $	[1]412	316		46			71			182						
Tonnage hauled (revenue), common and contract carrier service	mil. tons	161	151		40			40			41						
Freight carried—volume indexes, class I and II intercity truck tonnage (ATA):																	
Common carriers of general freight, seas. adj.	1967=100	143.9	137.0	140.3	136.8	[c]142.9	141.8	138.4	144.8	140.9	141.9	154.0	153.6	[r]154.3	[r]158.9	155.4	
Class I Railroads ‡																	
Financial operations, quarterly (AAR), excluding Amtrak:																	
Operating revenues, total #	mil. $	29,459	27,635		6,745			6,700			6,641			6,428			
Freight	do	[1]28,478	26,660		6,523			6,474			6,427			6,211			
Passenger, excl. Amtrak	do	101	103		26			26			27			30			
Operating expenses	do	25,804	25,258		6,736			6,040			6,117			5,986			
Net railway operating income	do	[1]3,655	1,761		159			410			705			334			
Ordinary income †	do	2,659	1,779		85			402			31			[r]341			
Traffic:																	
Revenue ton-miles, qtrly. (AAR)	bil.	921.5	[r]877.0		216.3			219.6			221.5			218.3			220.1
Price index for railroad freight	12/84=100	99.3	99.9	99.8	99.8	100.9	101.0	101.0	100.9	100.9	100.9	101.1	101.0	100.8	100.6	100.6	
Travel																	
Lodging industry:																	
Restaurant sales index....same month 1967	=100	[2]213	[2]213	214	218	170	206	223	212	244	234	230					
Hotels: Average room sale ◊	dollars	69.01	69.92	68.18	69.66	70.12	77.54	74.62	71.83	71.65	72.99	71.03					
Rooms occupied	% of total	66	64	60	49	56	66	66	68	66	69	67					
Motor hotels: Average room sale ◊	dollars	45.75	47.71	48.48	47.54	47.24	49.22	50.21	49.45	48.75	50.18	50.51					
Rooms occupied	% of total	66	64	58	47	55	65	68	66	63	67	72					
Economy hotels: Average room sale ◊	dollars	29.90	30.13	30.21	29.51	29.53	31.12	31.49	31.60	30.62	31.04	31.84					
Rooms occupied	% of total	65	64	56	45	51	57	63	63	65	72	77					
Foreign travel:																	
U.S. citizens: Arrivals (quarterly)	thous.	14,242	15,252		3,211			3,684			3,195	[4]1,491	[4]1,529				
Departures (quarterly)	do	13,909	14,768		3,187			3,173			3,051	[4]1,420	[4]1,442				
Aliens: Arrivals (quarterly)	do	8,970	8,903		2,018			2,053			2,911	[4]1,183	[4]1,426				
Departures (quarterly)	do	7,698	7,725		1,818			1,751			2,636	[4]842	[4]1,113				
Passports issued	do	4,696	4,955	247	261	368	382	446	476	329	361	365	313	285	272	274	
National parks, recreation visits # #	do	49,015	49,329	1,896	1,328	1,419	1,308	2,217	2,873	4,527	6,962	9,713	10,022	5,659	4,435		

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984	Units	Annual 1984	Annual 1985	1985 Nov.	1985 Dec.	1986 Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
TRANSPORTATION AND COMMUNICATION—Continued																	
COMMUNICATION																	
Telephone carriers: ◇																	
Operating revenues #	mil. $	67,647	71,685		r18,085			18,151			18,531	[2]6,128	[2]6,232				
Station revenues	do	28,336	29,817		7,647			7,727			7,842	[2]2,610	[2]2,583				
Tolls, message	do	10,367	8,214		2,089			2,032			2,115	[2]730	[2]740				
Operating expenses (excluding taxes)	do	44,463	47,035		12,224			11,723			12,027	[2]4,042	[2]4,077				
Net operating income (after taxes)	do	r12,198	12,934		3,207			3,404			3,346	[2]1,022	[2]1,079				
Access lines *	mil			107.2	107.2	107.1	107.3	107.6	107.6	107.6	107.9	[2]108.0	[2]108.3				
Telegraph carriers, domestic and overseas: @																	
Operating revenues	mil. $	1,382.9	1,367.0		r325.1			327.5			312.1						
Operating expenses	do	1,227.6	1,203.8		r323.2			r299.8			290.3						
Net operating revenues (before taxes)	do	67.7	[1]84.4		r−20.2			10.4			6.2						
CHEMICALS AND ALLIED PRODUCTS																	
CHEMICALS																	
Inorganic Chemicals																	
Production:																	
Aluminum sulfate, commercial (17% Al_2O_3) ‡	thous. sh. tons	1,129	1,003	79	77	89	85	98	97	98	106	113	124	110	111	83	
Chlorine gas (100% Cl_2) ‡	do	10,700	10,469	779	875	783	759	893	873	900	897	907	886	877	839	815	
Hydrochloric acid (100% HCl) ‡	do	2,732	2,777	202	214	225	221	246	262	299	275	280	238	234	218	215	
Phosphorus, elemental ‡	do	386	359	29	27	33	30	31	32	32	28	30	29	28	32	29	
Sodium hydroxide (100% NaOH) ‡	do	10,914	10,959	835	907	849	809	960	926	940	946	943	933	918	889	865	
Sodium silicate, anhydrous ‡	do	685	737	64	50	79	87	62	54	81	71	54	62	70	68	48	
Sodium sulfate, anhydrous ‡	do	901	1,199	136	64	68	71	70	69	69	69	62	61	62	r66	65	
Sodium tripolyphosphate (100% $Na_5P_3O_{10}$) ‡	do	675	607	43	40	50	51	55	56	56	51	46	61	47	r50	50	
Titanium dioxide (composite and pure) ‡	do	835	814	67	75	75	77	78	78	82	73	80	73	79	76	73	
Sulfur, native (Frasch) and recovered:																	
Production	thous. met. tons	[1]9,407	[1]10,324	849	888	880	780	843	828	826	820	819	815	787	r785	804	
Stocks (producers') end of period	do	2,434	2,799	2,670	2,799	2,935	2,948	2,915	2,951	2,977	2,880	2,900	2,987	2,919	2,830	2,779	
Inorganic Fertilizer Materials																	
Production:																	
Ammonia, synthetic anhydrous ‡	thous. sh. tons	16,702	17,319	1,281	1,344	1,287	1,180	1,254	1,266	1,255	1,120	1,008	1,097	1,109	1,162	1,100	
Ammonium nitrate, original solution ‡	do	7,165	6,776	533	476	481	521	613	529	495	448	366	377	422	456	426	
Ammonium sulfate ‡	do	2,067	2,093	157	166	172	169	193	166	192	180	160	157	173	172	171	
Nitric acid (100% HNO_3) ‡	do	7,798	7,364	604	517	568	584	691	638	624	528	446	452	492	522	504	
Nitrogen solutions (100% N) ‡	do	2,894	2,780	221	215	235	246	280	287	253	198	185	185	193	r171	177	
Phosphoric acid (100% P_2O_5) ‡	do	11,394	10,518	801	737	579	666	842	823	779	721	692	706	820	906	818	
Sulfuric acid (100% H_2SO_4) ‡	do	41,893	39,651	3,116	2,983	2,608	2,736	3,252	3,212	3,106	2,914	2,899	2,877	3,253	r3,461	3,130	
Superphosphate and other phosphatic fertilizers (gross weight):																	
Production	thous. sh. tons	17,363	15,475	1,147	929	800	904	1,086	1,137	1,031	921	954	1,084	1,207	r1,290	1,053	
Stocks, end of period	do	1,179	1,129	1,084	1,129	1,000	834	778	559	671	813	763	648	509	r660	815	
Potash, sales (K_2O)	do	6,195	5,964	269	655	765	387	429	853	620	226	160	358	548	299	p326	
Imports:																	
Ammonium nitrate	do	532	561	47	34	85	53	52	74	57	48	19	28	28	25	28	
Ammonium sulfate	do	363	403	24	37	33	13	40	66	12	21	16	29	8	12	25	
Potassium chloride	do	8,639	8,233	503	568	903	413	835	1,229	729	347	268	552	717	409	607	
Sodium nitrate	do	122	142	4	13	9	9	29	13	17	13	(3)	12	3	0	8	
Industrial Gases ‡																	
Production:																	
Acetylene	mil. cu. ft	r4,974	r5,051	r327	r437	342	324	354	339	403	359	344	429				
Hydrogen (high and low purity)	do	r112,790	r121,345	r10,848	r11,143	10,304	9,488	9,818	10,048	9,783	10,181	10,602	9,913				
Nitrogen (high and low purity)	do	r651,654	r665,190	r57,275	r47,321	56,720	53,285	57,226	55,731	57,009	54,899	55,111	57,070				
Oxygen (high and low purity)	do	r386,615	r392,554	r33,223	r34,168	33,852	32,563	34,725	33,456	34,050	32,419	33,267	32,940				
Organic Chemicals §																	
Production:																	
Acetylsalicylic acid (aspirin)	mil. lb	[1]33.9	[1]28.2		4.1			5.8			7.1			6.7			
Ethyl acetate †	do	[1]210.4	[1]192.0		51.9			42.2			54.2			51.2			
Formaldehyde (37% HCHO)	do	[1]5,814.5	[1]5,606.1		1,393.6			1,511.1			1,511.4			1,395.3			
Glycerin, refined, all grades	do	302.7	321.1	27.8	23.5	24.8	25.4	25.3	28.4	26.7	25.9	23.0	25.1	18.8	24.3		
Methanol, synthetic	mil. gal	[1]1,232.8	[1]753.5		215.7			223.5			229.4			278.9			
Phthalic anhydride	mil. lb	[1]870.2	[1]820.2		203.3			216.3			210.9			224.2			
ALCOHOL																	
Ethyl alcohol and spirits:																	
Production	mil. tax gal	631.3	r680.9	51.8	47.1	45.6	51.5	56.5	52.5	55.6	50.1	48.9	50.2				
Stocks, end of period	do	150.6	46.2	47.2	46.2	39.3	37.5	41.5	41.7	39.4	38.3	39.8	36.8				
Denatured alcohol:																	
Production	mil. wine gal	416.9	507.7	51.1	35.8	32.4	30.9	36.1	34.7	33.8	40.2	34.5	30.5				
Consumption (withdrawals)	do	410.5	513.8	40.0	41.9	44.4	32.5	36.5	38.8	40.5	33.3	35.8	35.6				
For fuel use	do	116.7	222.9	23.7	24.4	24.1	16.4	18.3	19.1	25.4	15.3	17.2	17.7				
Stocks, end of period	do	24.5	26.5	16.9	26.5	18.4	18.1	23.8	28.1	19.3	26.1	26.0	23.0				

See footnotes at end of tables.

Data for the series shown in the S (or "blue") pages of the SURVEY OF CURRENT BUSINESS are now available on diskette.
See page S-36 for details.

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984	Units	Annual		1985		1986											
		1984	1985	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
CHEMICALS AND ALLIED PRODUCTS—Continued																	
PLASTICS AND RESIN MATERIALS																	
Production:																	
Phenolic resins	mil. lb.	[1]1,656.3	[1]1,713.8		347.0			350.0			364.3			344.3			
Polyethylene and copolymers	do	[1]14,620.6	[1]15,318.1		3,939.6			3,949.8			3,986.9			4,129.7			
Polypropylene	do	[1]5,216.4	[1]5,654.4		1,328.9			1,418.4			1,417.8			1,446.2			
Polystyrene and copolymers	do	[1]6,857.0	[1]7,229.0		1,376.6			1,405.7			1,467.2			1,470.6			
Polyvinyl chloride and copolymers	do	[1]6,827.5	[1]6,667.9		1,759.4			1,811.2			1,877.0			1,883.5			
PAINTS, VARNISH, AND LACQUER ◊																	
Total shipments	mil. $	8,818.3	9,174.8	665.4	564.1	717.4	698.4	766.2	920.5	916.1	900.0	871.0	860.8	858.0	r880.4	652.9	
Architectural coatings	do	3,559.9	3,825.3	247.0	212.4	274.4	265.2	322.3	428.9	420.2	412.8	411.3	392.8	360.6	340.2	243.3	
Product coatings (OEM)	do	3,478.4	3,383.5	266.1	226.3	294.0	289.8	285.0	309.2	304.8	296.9	270.7	286.9	322.0	r270.3	276.6	
Special purpose coatings	do	1,780.1	1,966.1	152.3	125.4	149.0	143.4	159.0	182.4	191.1	190.4	189.0	181.0	175.4	169.9	133.1	
ELECTRIC POWER AND GAS																	
ELECTRIC POWER																	
Production:																	
Electric utilities, total	mil. kw.-hr.	2,416,304	2,469,841	192,427	219,255	217,735	192,433	196,711	187,180	198,346	215,022	242,673	225,159	206,622			
By fuels	do	2,095,154	2,188,686	169,473	193,895	195,920	169,114	168,366	159,617	171,102	188,791	218,600	203,976	185,503			
By waterpower	do	321,150	281,149	22,954	25,359	21,815	23,319	28,346	27,562	27,244	26,230	24,073	21,183	21,119			
Sales to ultimate customers, total (Edison Electric Institute) ‡	mil. kw.-hr.	2,286,040	[1]2,318,473		563,117			594,034			553,878			639,734			
Commercial §	do	583,831	[1]613,155		150,520			151,284			152,473			176,794			
Industrial §	do	836,105	[1]821,661		204,073			199,337			204,079			209,627			
Railways and railroads	do	4,488	[1]4,728		1,208			1,271			1,116			1,145			
Residential or domestic	do	780,664	[1]794,404		187,754			220,216			175,244			230,346			
Street and highway lighting	do	14,129	[1]14,396		3,663			3,839			3,428			3,471			
Other public authorities	do	61,029	[1]64,346		14,509			16,532			16,065			16,662			
Interdepartmental	do	5,793	[1]5,783		1,391			1,555			1,474			1,689			
Revenue from sales to ultimate customers (Edison Electric Institute) ‡	mil. $	142,281	[1]148,892		35,928			37,609			35,503			43,212			
GAS †																	
Total utility gas, quarterly (American Gas Association):																	
Customers, end of period, total @	thous.	49,494	50,370		50,370			51,033			50,759			50,405			
Residential	do	45,516	46,299		46,299			46,840			46,627			46,348			
Commercial	do	3,751	3,845		3,845			3,963			3,905			3,824			
Industrial @	do	180	178		178			183			180			175			
Other	do	48	48		48			47			47			47			
Sales to customers, total	tril. Btu.	13,162	12,612		3,330			4,288			2,110			1,621			
Residential	do	4,628	4,515		1,229			2,064			739			385			
Commercial	do	2,396	2,345		638			993			386			252			
Industrial	do	5,991	3,684		945			928			623			534			
Electric generation *	do		1,935		483			250			338			432			
Other	do	146	133		35			53			24			17			
Revenue from sales to customers, total	mil. $	67,496	63,316		16,413			21,151			9,613			6,857			
Residential	do	27,485	26,868		7,149			11,267			4,382			2,563			
Commercial	do	13,205	12,753		3,375			5,128			1,987			1,258			
Industrial	do	26,093	15,559		3,925			3,682			2,283			1,814			
Electric generation *	do		7,511		1,797			832			862			1,164			
Other	do	713	625		167			240			99			58			
FOOD AND KINDRED PRODUCTS; TOBACCO																	
ALCOHOLIC BEVERAGES																	
Beer:																	
Production	mil. bbl.	193.02	193.31	13.12	13.13	15.71	15.21	16.50	17.99	18.67	18.65	18.33	17.06	15.26	15.62		
Taxable withdrawals	do	175.56	175.13	12.39	12.11	13.99	13.01	14.66	16.02	17.10	16.59	17.26	15.78	14.02	14.64		
Stocks, end of period	do	12.86	13.07	13.12	13.07	13.48	14.22	14.68	15.24	15.13	15.38	15.22	14.41	14.06	13.75		
Distilled spirits (total):																	
Production	mil. tax gal.	124.24	96.79	8.70	6.42	8.64	7.84	8.69	8.62	6.68	7.08	6.06	4.49				
Consumption, apparent, for beverage purposes #	mil. wine gal.	[1]426.52	[1]416.30	33.32	44.71	27.37	26.28	31.49	30.72	30.69	33.88	31.75	30.81				
Stocks, end of period	mil. tax gal.	554.61	530.46	532.73	530.46	529.58	530.07	530.47	524.50	528.67	524.63	521.06	516.00				
Imports	mil. proof gal.	117.86	115.78	12.00	9.02	6.83	6.97	7.84	7.92	7.65	7.95	8.92	8.09	8.20	10.40	14.15	
Whisky:																	
Production	mil. tax gal.	80.30	60.17	5.09	4.63	5.00	5.32	5.77	6.61	4.46	4.21	3.73	1.95				
Stocks, end of period	do	482.13	460.53	461.31	460.53	459.04	459.54	460.03	454.34	459.65	457.54	454.79	450.37				
Imports	mil. proof gal.	78.04	79.68	8.27	6.21	4.37	4.66	5.30	5.04	4.88	5.36	5.57	5.03	5.74	7.10	9.56	
Wines and distilling materials:																	
Effervescent wines:																	
Production	mil. wine gal.	35.89	r32.19	3.36	2.34	1.98	2.21	2.45	2.40	1.43	1.18	3.16	3.01				
Taxable withdrawals	do	32.38	30.32	3.34	3.82	1.44	1.05	2.17	1.46	3.31	2.15	1.01	2.14				
Stocks, end of period	do	16.39	14.68	15.98	14.68	15.87	17.27	17.01	17.92	15.46	12.83	17.52	18.56				
Imports	do	14.91	15.76	2.35	2.02	1.25	.76	1.04	.97	1.01	.87	.96	1.10	.97	1.34	2.49	
Still wines:																	
Production	do	449.36	463.45	40.34	18.42	6.50	4.87	4.56	4.85	4.54	4.41	5.24	97.65				
Taxable withdrawals	do	[1]378.88	r411.70	33.39	30.52	29.56	31.03	35.63	43.30	41.33	45.52	43.60	51.36				
Stocks, end of period	do	637.90	594.56	648.89	594.56	602.67	570.10	550.97	539.54	478.74	439.71	405.86	459.06				
Imports	do	127.49	121.00	12.91	10.82	9.58	6.31	8.00	7.37	7.98	7.44	7.10	6.36	6.38	8.18	8.95	
Distilling materials produced at wineries	do	136.58	153.98	13.44	8.97	8.53	11.18	6.90	6.28	4.10	3.87	4.08	22.77				

See footnotes at end of tables.

FOOD AND KINDRED PRODUCTS; TOBACCO—Continued

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984	Units	Annual 1984	Annual 1985	1985 Nov.	1985 Dec.	1986 Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
DAIRY PRODUCTS																	
Butter:																	
Production (factory)	mil. lb.	1,103.3	1,247.8	99.4	115.4	135.8	119.4	120.2	121.7	116.0	92.0	81.5	72.3	79.2	84.6	84.0	
Stocks, cold storage, end of period	do	296.6	205.5	206.9	205.5	206.3	245.5	283.3	304.8	333.8	342.8	337.6	304.4	279.6	r253.3	223.5	192.4
Producer Price Index	1967=100	228.8	217.1	218.5	218.5	212.9	212.9	212.9	213.2	213.4	214.0	220.4	r234.9	234.9	236.1	235.5	235.1
Cheese:																	
Production (factory), total	mil. lb.	4,674.0	5,024.9	411.8	437.5	425.9	398.7	462.7	461.0	480.5	459.1	439.3	424.9	414.8	425.4	397.6	
American, whole milk	do	2,648.5	2,854.4	221.9	236.6	239.2	227.2	263.6	266.1	280.8	262.1	244.1	224.0	201.7	207.1	195.5	
Stocks, cold storage, end of period	do	986.2	852.9	877.5	852.9	835.8	811.2	836.7	838.4	873.3	892.4	915.6	911.7	854.5	r805.0	757.0	702.4
American, whole milk	do	884.8	758.8	782.5	758.8	742.1	721.9	724.6	742.9	778.5	794.4	815.1	811.5	755.4	r711.2	665.5	610.2
Imports	do	306.0	302.5	31.6	33.3	22.9	37.2	20.9	17.5	19.9	24.5	24.6	23.1	25.8	30.7	33.2	
Price, wholesale, cheddar, single daisies (Chicago)	$ per lb	1.704	1.620	1.556	1.556	1.556	1.556	1.556	1.557	1.558	1.558	1.572	1.596	1.597	1.599	1.599	1.599
Condensed and evaporated milk:																	
Production, case goods	mil. lb.	647.7	635.3	49.5	48.5	43.1	43.5	50.2	52.6	53.8	49.8	49.3	47.8	46.6	44.9	42.8	
Stocks, manufacturers', case goods, end of period	do	41.7	62.3	79.1	62.3	61.3	72.7	73.2	86.2	91.6	103.5	106.9	111.8	105.1	87.8	62.1	
Exports	do	8.1	11.6	1.4	1.9	1.4	1.5	2.5	1.7	.4	.5	.3	.5	.5	.5	.6	
Fluid milk:																	
Production on farms	do	135,479	143,667	11,564	11,968	12,192	11,314	12,726	[11]10,697	11,193	10,775	10,547	10,245	9,772	9,889	9,449	9,774
Utilization in manufactured dairy products	do	76,489	83,023	6,281	6,648	7,129	6,721	7,495	7,733	8,000	7,445	7,156	6,612	6,309	6,272	5,734	
Price, wholesale, U.S. average	$ per 100 lb	13.46	12.75	12.60	12.60	12.50	12.40	12.20	12.00	12.00	11.90	12.00	12.20	12.70	13.10	13.40	r13.40
Dry milk:																	
Production:																	
Dry whole milk	mil. lb.	119.6	118.9	11.9	8.6	9.2	10.7	11.5	10.1	8.6	8.8	10.8	11.2	11.4	9.8	10.2	
Nonfat dry milk (human food)	do	1,160.7	1,390.0	96.7	115.8	123.7	114.7	128.1	137.2	144.0	136.7	115.1	95.9	75.2	68.7	68.2	
Stocks, manufacturers', end of period:																	
Dry whole milk	do	5.4	6.5	5.8	6.5	5.5	6.3	7.0	6.9	4.9	4.5	6.8	6.8	6.6	4.3	5.6	
Nonfat dry milk (human food)	do	61.1	78.2	68.6	78.2	68.0	63.3	74.4	79.2	85.2	85.3	67.2	65.1	52.1	39.9	43.7	
Exports, whole and nonfat (human food)	do	[7]202.7	276.1	30.8	3.7	18.3	27.1	41.2	25.9	40.0	16.7	41.3	77.1	45.6	57.9	52.0	
Price, manufacturers' average selling, nonfat dry milk (human food)	$ per lb	.912	.849	.808	.811	.811	.812	.807	.807	.810	.808	.807	.808	.808	.810	.816	
GRAIN AND GRAIN PRODUCTS																	
Exports (barley, corn, oats, rye, wheat)	mil. bu	3,611.0	2,695.0	298.2	242.8	238.3	192.9	163.3	117.7	96.2	140.7	155.4	182.9	195.5	230.6	190.3	
Barley:																	
Production (crop estimate)	do	[2]599.2	[2]591.4														[9]610.5
Stocks (domestic), end of period, total	do	436.9	533.6		533.6			(10)		[4]324.6							
On farms	do	307.3	365.1		365.1			(10)		[4]199.0							
Off farms	do	129.6	168.4		168.4			(10)		[4]125.5							
Exports, including malt §	do	95.5	34.8	3.9	.1	1.5	.1	.2	.8	.5	.3	1.6	12.5	12.8	16.6	14.4	
Producer Price Index, No. 2 feed, Minneapolis	1967=100	200.9	150.1	123.2	135.9	135.9	135.9	138.7	126.6	127.4	110.4	101.9	93.4	101.9	123.2	141.8	118.9
Corn:																	
Production (crop estimate, grain only)	mil. bu	[2]7,674.0	[2]8,865.0														[9]8,252.8
Stocks (domestic), end of period, total	do	5,864.2	7,891.3		7,891.3			5,945.0		[3]4,988.5			[1]4,038.0				
On farms	do	4,304.1	5,525.1		5,525.1			3,979.9		[3]3,141.5			[1]2,049.4				
Off farms	do	1,560.2	2,366.2		2,366.2			1,965.1		[3]1,847.0			[1]1,988.6				
Exports, including meal and flour	do	1,928.6	1,731.6	210.0	176.1	164.8	119.6	97.6	56.9	46.6	55.9	44.8	50.0	80.3	124.1	114.3	
Producer Price Index, No. 2, Chicago	1967=100	250.9	204.8	188.0	192.1	190.7	193.0	187.1	189.7	199.8	199.0	158.2	133.6	116.8	112.2	126.6	132.8
Oats:																	
Production (crop estimate)	mil. bu	[2]473.7	[2]520.8														[9]384.5
Stocks (domestic), end of period, total	do	358.1	378.6		378.6			(10)		[4]183.2							
On farms	do	300.3	310.2		310.2			(10)		[4]146.7							
Off farms	do	57.7	68.4		68.4			(10)		[4]36.5							
Exports, including oatmeal	do	1.9	1.7	.4	(5)	.1	.1	.3	.1	.8	.1	.3	.4	.4	.5	.2	
Producer Price Index, No. 2, Minneapolis	1967=100	266.5	216.8	186.2	194.7	202.6	185.4	191.1	158.1	174.6	174.6	153.8	158.1	179.6	199.0	247.9	238.5
Rice:																	
Production (crop estimate)	mil. bags #	[2]138.8	[2]136.0														[9]134.4
Southern States mills (Ark., La., Tenn., Tex.):																	
Receipts, rough, from producers	mil. lb.	9,476	9,230	673	739	207	201	148	452	692	487	391	1,166	3,524	1,200	785	
Shipments from mills, milled rice	do	6,183	5,659	507	539	338	436	382	399	556	623	624	632	689	616	616	
Stocks, domestic, rough and cleaned (cleaned basis), end of period	mil. lb.	2,868	2,751	2,821	2,751	2,584	2,330	2,144	1,720	1,559	1,310	960	1,180	2,819	3,034	2,975	
Exports	do	4,509	4,101	290	283	277	163	249	208	212	450	603	778	835	565	446	
Producer Price Index, medium grain, milled	1967=100	202.7	206.3	214.4	208.0	207.3	207.5	197.2	189.2	182.7	181.0	170.6	r170.3	165.8	160.9	155.5	155.8
Rye:																	
Production (crop estimate)	mil. bu	[2]32.5	[2]20.6														[9]19.5
Producer Price Index, No. 2, Minneapolis	1967=100	200.9	[8]196.9	214.8		212.6	195.5	197.6	191.2	197.6	158.9	128.9	128.9	137.5	139.6	146.1	171.8
Wheat:																	
Production (crop estimate), total	mil. bu	[2]2,595	[2]2,425														[9]2,087
Spring wheat	do	[2]534	[2]598														[9]568
Winter wheat	do	[2]2,060	[2]1,828														[9]1,519
Distribution, quarterly @	do	2,789	2,054		449			398			[6]233						
Stocks (domestic), end of period, total	do	2,141.0	2,526.1		2,526.1			2,130.0		[4]1,905.0			3,115.1				
On farms	do	930.3	1,011.2		1,011.2			799.4		[4]681.1			1,291.0				
Off farms	do	1,210.8	1,515.0		1,515.0			1,330.6		[4]1,223.9			1,824.1				
Exports, total, including flour	do	1,584.5	926.8	83.8	66.5	71.8	73.1	65.2	59.9	48.4	84.4	108.7	119.9	102.0	89.5	61.2	
Wheat only	do	1,545.0	893.1	81.3	60.5	68.6	67.7	60.1	54.0	46.3	79.5	104.0	113.4	97.8	83.5	59.1	

See footnotes at end of tables.

Data for the series shown in the S (or "blue") pages of the SURVEY OF CURRENT BUSINESS are now available on diskette.
See page S-36 for details.

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984	Units	Annual		1985		1986											
		1984	1985	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
FOOD AND KINDRED PRODUCTS; TOBACCO—Continued																	
GRAIN AND GRAIN PRODUCTS—Continued																	
Wheat—Continued																	
Producer Price Indexes:																	
Hard, winter Ord, No. 1, Kansas City	1967=100	228.3	204.6	203.4	204.8	199.8	197.7	199.5	195.8	224.1	172.7	152.1	149.2	151.0	157.6	158.8	163.9
Spring, No. 1, D.N. Ord, Minneapolis	1967=100	220.8	186.4	193.7	188.0	187.6	183.0	180.9	185.6	176.6	145.5	124.2	135.8	147.9	148.7	156.0	154.5
Wheat flour:																	
Production:																	
Flour	thous. sacks (100 lb.)	299,832	313,815	28,397	25,227	27,403	27,069	25,172	25,938	26,423	26,155	27,030	29,495	29,679	r30,931	29,562	.....
Millfeed	thous. sh. tons	5,426	5,556	509	450	479	471	440	450	461	458	481	527	536	r559	535	.....
Grindings of wheat	thous. bu.	675,271	700,151	63,714	56,012	61,095	60,128	55,386	57,729	58,904	58,394	60,697	66,125	66,682	r69,671	66,706	.....
Stocks held by mills, end of period	thous. sacks (100 lb.)	4,230	4,847	.....	4,847	.....	.....	4,466	.....	.....	4,786	.....	.....	4,948	.....	.....	.....
Exports	do	r16,955	14,454	1,079	2,569	1,374	2,312	2,171	2,526	888	2,089	2,044	2,791	1,824	2,541	941	.....
Producer Price Index	6/83=100	97.8	96.6	96.6	96.7	96.2	96.4	96.4	94.8	99.7	92.8	87.9	87.0	85.5	86.7	86.6	86.6
POULTRY AND EGGS																	
Poultry:																	
Slaughter	mil. lb.	16,181	16,972	1,320	1,356	1,441	1,310	1,365	1,515	1,521	1,523	1,549	1,527	1,629	r1,675	1,391	.....
Stocks, cold storage (frozen), end of period, total	mil. lb.	267	324	377	324	330	341	339	379	412	480	569	629	690	718	423	373
Turkeys	do	125	150	208	150	157	161	150	186	227	294	388	449	512	r544	250	178
Price, in Georgia producing area, live broilers	$ per lb	.320	.280	.300	.280	.285	.270	.280	.275	.290	.320	.420	.460	.360	.385	.330	.295
Eggs:																	
Production on farms	mil. cases §	189.5	190.0	15.7	16.3	16.3	14.7	16.4	15.7	16.1	15.5	15.8	15.9	r12.9	r13.4	r13.3	.....
Stocks, cold storage, end of period:																	
Shell	thous. cases §	31	24	28	24	28	21	20	32	44	38	25	33	29	r20	29	22
Frozen	mil. lb.	13	13	14	13	13	13	11	12	11	14	15	15	14	14	13	13
Price, wholesale, large (delivered; Chicago)	$ per doz	.786	.634	.746	.732	.706	.657	.769	.626	.620	.573	.694	.700	.694	.663	.741	.728
LIVESTOCK																	
Cattle and calves:																	
Slaughter (federally inspected):																	
Calves	thous. animals	3,030	3,168	268	298	289	256	276	284	257	240	281	262	263	276	238	272
Cattle	do	35,880	34,765	2,669	2,778	3,204	2,613	2,726	3,096	3,123	3,017	3,213	3,101	3,019	3,164	2,693	2,944
Prices, wholesale:																	
Beef steers (Omaha)	$ per 100 lb	65.33	58.37	63.30	62.94	59.69	56.42	55.55	53.69	55.79	54.08	58.27	59.04	59.43	59.73	61.54	59.82
Steers, stocker and feeder (Kansas City)	do	63.11	62.08	60.05	62.04	61.34	61.68	59.99	56.68	62.21	53.69	57.98	62.20	61.51	61.94	62.77	62.83
Calves, vealers (So. St. Paul)	do	63.98	58.28	55.00	45.94	45.00	52.50	55.00	55.00	55.83	61.10	62.13	62.50	67.50	67.50	67.50	67.50
Hogs:																	
Slaughter (federally inspected)	thous. animals	82,478	81,974	6,818	6,640	6,968	6,127	6,662	7,160	6,699	5,894	5,918	5,798	6,322	7,045	6,049	6,558
Prices:																	
Wholesale, average, all weights (Sioux City)	$ per 100 lb	49.03	44.98	44.46	47.11	45.60	43.80	41.08	40.59	46.43	54.95	61.59	63.66	59.59	54.86	54.44	52.02
Hog-corn price ratio (bu. of corn equal in value to 100 lb. live hog)		15.4	17.6	19.5	19.8	19.0	18.4	17.6	17.3	19.2	22.7	29.5	35.9	40.5	37.9	r35.9	34.2
Sheep and lambs:																	
Slaughter (federally inspected)	thous. animals	6,549	5,976	460	490	507	441	524	477	417	406	432	426	495	495	401	442
Price, wholesale, lambs, average (Omaha)	$ per 100 lb	61.39	68.41	62.50	60.62	61.75	68.50	67.00	68.00	80.75	74.71	70.50	66.16	62.45	57.23	65.17	72.70
MEATS																	
Total meats (excluding lard):																	
Production	mil. lb.	38,987	39,131	3,123	3,145	3,482	2,937	3,133	3,478	3,387	3,157	3,282	3,181	3,259	3,499	2,983	3,260
Stocks, cold storage, end of period	do	696	607	633	607	617	615	622	663	674	641	620	573	543	r574	566	565
Exports (meat and meat preparations)	do	1,422	1,461	122	123	124	123	123	132	139	121	125	147	159	188	170	.....
Imports (meat and meat preparations)	do	2,160	2,511	196	201	225	196	197	179	180	213	260	232	232	223	237	.....
Beef and veal:																	
Production, total	do	23,895	24,055	1,854	1,901	2,185	1,809	1,904	2,156	2,152	2,068	2,193	2,119	2,093	2,190	1,845	2,012
Stocks, cold storage, end of period	do	372	329	314	329	330	313	308	311	328	331	346	327	299	r301	304	317
Exports	do	627	660	48	55	63	60	50	60	59	50	56	80	87	107	82	.....
Imports	do	1,277	1,449	106	122	134	115	109	101	104	137	165	148	143	127	136	.....
Price, wholesale, beef, fresh steer carcasses, choice (600-700 lbs.) (Central U.S.)	$ per lb	1.001	.913	.997	.988	.923	.868	.850	.833	.864	.836	.892	.910	.905	.918	.957	.920
Lamb and mutton:																	
Production, total	mil. lb.	372	350	28	30	31	27	32	29	25	24	25	25	30	30	24	27
Stocks, cold storage, end of period	do	7	13	13	13	12	14	12	13	13	14	14	15	14	15	14	13
Pork (excluding lard):																	
Production, total	do	14,720	14,726	1,241	1,215	1,266	1,101	1,198	1,292	1,210	1,065	1,063	1,037	1,137	1,279	1,115	1,220
Stocks, cold storage, end of period	do	274	229	265	229	235	239	254	284	280	248	215	185	186	r216	206	197
Exports	do	197	192	20	16	11	9	11	14	14	14	9	7	8	11	13	.....
Imports	do	784	934	78	65	81	72	77	69	67	70	84	77	80	87	91	.....
Prices:																	
Producer Price Index, Hams, smoked	1967=100	294.1	284.5	310.3	319.5	288.3	277.2	272.3	261.4	265.7	276.7	308.3	r336.4	347.3	368.1	376.3	371.6
Fresh loins, 8-14 lb. average, wholesale (N.Y.)	$ per lb	1.157	1.136	1.134	1.222	1.226	1.162	1.125	1.135	1.126	1.325	1.486	1.504	1.440	1.305	1.216	1.251
MISCELLANEOUS FOOD PRODUCTS																	
Cocoa (cacao) beans, imports (including shells)	thous. lg. tons	190.9	266.1	12.6	25.0	29.4	17.1	15.1	9.3	19.0	16.1	21.2	22.5	11.8	7.8	14.9	.....
Coffee:																	
Imports, total	thous. bags ◊	17,734	18,698	1,272	1,785	2,360	1,836	1,645	1,667	1,810	1,286	1,549	1,513	1,641	1,535	1,449	.....
From Brazil	do	3,866	4,148	230	207	558	340	121	264	172	68	47	84	60	239	91	.....
U.S. Import Price Index *	6/77=100	60.4	59.1	.....	68.5	.....	.....	96.5	.....	.....	75.1	.....	.....	77.5	.....	.....	62.2
Fish:																	
Stocks, cold storage, end of period	mil. lb.	370	362	367	362	311	284	259	263	262	280	299	340	358	r357	p355	.....

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984	Units	Annual 1984	Annual 1985	1985 Nov.	1985 Dec.	1986 Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
FOOD AND KINDRED PRODUCTS; TOBACCO—Cont.																	
MISCELLANEOUS FOOD PRODUCTS—Cont.																	
Sugar:																	
Exports, raw and refined	sh. tons	308,300	375,782	24,687	20,329	60,948	20,528	34,846	22,788	31,891	19,934	21,618	60,083	57,027	35,292	45,016	.....
Imports, raw and refined	thous. sh. tons	2,947	2,423	270	212	174	131	208	158	173	152	191	115	158	127	203	.....
Producer Price Indexes:																	
Raw (cane)	1967=100	312.0	291.3	267.6	272.6	284.0	288.0	291.6	289.5	288.8	293.8	293.7	292.9	293.2	297.0	299.0	294.4
Refined	12/77=100	173.5	165.6	163.1	163.0	165.1	165.1	165.7	165.1	165.1	164.9	165.0	r166.6	167.8	168.3	168.6	169.1
Tea, imports	thous. lb.	194,565	174,617	13,656	13,493	16,923	13,219	21,719	19,002	15,747	14,970	19,732	14,626	18,110	14,864	14,965	.....
TOBACCO																	
Leaf:																	
Production (crop estimate)	mil. lb.	[1]1,728	[1]1,511	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	[3]1,198
Stocks, dealers' and manufacturers', end of period	do	5,444	5,293	.....	5,293	.....	.....	5,145	.....	.....	4,847	.....	.....	4,902	.....	.....	.....
Exports, incl. scrap and stems	thous. lb.	528,451	538,648	85,377	89,299	21,580	31,869	48,826	45,947	28,437	22,418	16,372	23,684	22,144	32,926	66,347	.....
Imports, incl. scrap and stems	do	409,102	430,273	47,782	33,625	32,507	26,374	40,183	47,524	42,601	30,041	40,742	45,716	39,498	44,280	41,906	.....
Manufactured:																	
Consumption (withdrawals):																	
Cigarettes (small):																	
Tax-exempt	millions	67,112	66,491	5,760	5,684	6,153	5,063	5,906	5,645	5,232	6,403	5,754	6,096	8,779	.....	.....	.....
Taxable	do	597,893	594,922	49,853	47,972	41,398	43,179	51,458	48,015	52,392	55,974	38,417	51,401	50,808	.....	.....	.....
Cigars (large), taxable	do	2,961	r2,827	230	202	207	179	220	248	268	272	261	242	261	.....	.....	.....
Exports, cigarettes	do	56,517	58,968	6,242	5,391	4,142	5,290	5,037	4,331	5,228	5,416	5,610	5,485	5,329	6,413	6,623	.....
LEATHER AND PRODUCTS																	
LEATHER																	
Exports:																	
Upper and lining leather	thous. sq. ft.	163,373	131,505	12,452	7,824	12,032	10,849	13,050	13,652	14,560	13,945	11,902	16,769	11,502	13,043	14,003	.....
Producer Price Index, leather	1967=100	372.3	353.1	360.1	362.2	368.5	368.8	368.9	370.2	383.6	394.1	390.4	r391.8	394.3	383.3	389.6	403.5
LEATHER MANUFACTURES																	
Footwear:																	
Production, total ◊	thous. pairs	301,398	266,042	21,127	18,829	21,911	20,845	20,476	20,296	19,885	17,509	17,954	20,265	r19,069	20,840	17,656	.....
Shoes, sandals, and play shoes, except athletic	thous. pairs	233,392	205,926	16,284	15,739	17,872	16,479	15,781	15,340	15,043	12,974	14,846	16,343	r14,973	16,431	14,100	.....
Slippers	do	54,026	52,372	4,289	2,519	3,562	3,867	4,167	4,374	4,370	4,095	2,501	3,210	3,465	3,730	2,954	.....
Athletic	do	13,980	7,744	554	571	477	499	528	582	472	440	607	712	r631	679	602	.....
Other footwear	do	4,918	4,174	336	309	414	419	432	436	456	475	239	407	464	620	486	.....
Exports	do	6,240	9,205	806	611	611	664	707	1,039	899	1,080	927	732	930	1,057	848	.....
Producer Price Indexes:																	
Men's leather upper, dress and casual	12/80=100	107.9	109.7	111.0	111.0	112.0	112.5	112.6	112.6	112.6	112.6	111.3	r112.8	113.7	113.7	113.8	114.0
Women's leather upper	1967=100	219.2	223.5	224.2	224.3	224.8	224.7	225.9	225.9	224.5	224.1	224.4	r222.9	221.4	226.8	226.1	226.1
Women's plastic upper	12/80=100	102.9	104.0	105.3	105.3	105.3	105.6	105.0	105.0	104.3	101.1	104.1	r104.0	104.5	104.5	104.6	104.6
LUMBER AND PRODUCTS																	
LUMBER—ALL TYPES #																	
National Forest Products Association:																	
Production, total	mil. bd. ft.	r[2]37,436	r[2]37,352	2,851	2,649	3,092	3,046	3,347	3,362	3,405	3,355	2,961	3,441	3,397	3,820	.....	.....
Hardwoods	do	r[2]6,262	r[2]6,031	471	416	517	559	522	538	524	525	434	486	538	660	.....	.....
Softwoods	do	[2]31,174	r[2]31,321	2,380	2,233	2,575	2,487	2,825	2,824	2,881	2,830	2,527	2,955	2,859	3,160	.....	.....
Shipments, total	do	r[2]37,221	r[2]37,023	2,828	2,809	2,955	2,899	3,478	3,321	3,538	3,498	2,979	3,344	3,291	3,689	.....	.....
Hardwoods	do	r[2]6,035	r[2]5,873	469	425	503	529	541	536	515	512	427	502	550	685	.....	.....
Softwoods	do	[2]31,186	r[2]31,150	2,359	2,384	2,452	2,370	2,937	2,785	3,023	2,986	2,552	2,842	2,741	3,004	.....	.....
Stocks (gross), mill, end of period, total	do	r6,155	r6,484	6,792	r6,484	6,769	6,916	6,784	6,826	6,697	6,361	6,393	6,484	6,590	6,653	.....	.....
Hardwoods	do	r1,561	r1,719	1,922	r1,719	1,927	1,957	1,938	1,940	1,949	1,756	1,778	1,762	1,750	1,724	.....	.....
Softwoods	do	4,594	r4,765	4,870	r4,765	4,842	4,959	4,846	4,886	4,748	4,605	4,615	4,722	4,840	4,929	.....	.....
Exports, total sawmill products	do	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Imports, total sawmill products	do	13,615	14,191	1,146	1,039	1,113	1,159	1,325	1,380	1,438	1,411	1,594	1,272	1,334	1,012	803	.....
SOFTWOODS																	
Douglas fir:																	
Orders, new	mil. bd. ft.	8,296	r8,044	654	568	670	659	833	679	741	702	650	754	810	852	694	.....
Orders, unfilled, end of period	do	561	528	575	528	558	600	638	594	497	452	522	580	597	647	650	.....
Production	do	8,329	r8,062	618	563	666	671	739	739	780	684	572	748	873	846	723	.....
Shipments	do	8,409	r8,077	617	615	640	617	795	723	838	746	580	696	798	802	691	.....
Stocks (gross), mill, end of period	do	914	r899	961	r899	935	989	933	949	891	813	805	857	937	981	1,013	.....
Exports, total sawmill products	do	543	486	40	39	37	51	49	45	48	39	32	42	36	48	47	.....
Sawed timber	do	150	127	8	7	10	12	9	10	8	9	6	7	7	11	9	.....
Boards, planks, scantlings, etc	do	393	358	32	32	28	39	40	35	40	30	26	34	29	37	38	.....
Producer Price Index, Douglas fir, dressed	1967=100	328.0	336.6	283.8	301.9	314.2	303.6	316.1	348.0	358.2	331.1	341.4	339.3	345.4	332.4	330.1	317.6

See footnotes at end of tables.

Data for the series shown in the S (or "blue") pages of the SURVEY OF CURRENT BUSINESS are now available on diskette.
See page S-36 for details.

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984	Units	Annual 1984	Annual 1985	1985 Nov.	1985 Dec.	1986 Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
LUMBER AND PRODUCTS—Continued																	
SOFTWOODS—Continued																	
Southern pine:																	
Orders, new	mil. bd. ft.	[1]10,342	[r1]10,763	719	829	889	890	986	781	910	1,031	845	790	703	1,085	...	...
Orders, unfilled, end of period	do	561	r680	581	r680	612	687	678	618	570	620	726	634	657	732	...	...
Production	do	[1]10,674	[r1]10,730	783	761	881	825	968	878	949	955	798	919	676	1,014	...	...
Shipments	do	[1]10,574	[r1]10,644	766	791	872	816	997	842	949	982	822	891	676	955	...	...
Stocks (gross), mill and concentration yards, end of period	mil. bd. ft.	r1,808	r1,894	1,893	r1,894	1,872	1,881	1,852	1,888	1,892	1,866	1,874	1,895	1,897	1,892	...	...
Exports, total sawmill products	thous. bd. ft.	184,793	169,925	16,609	9,836	13,108	13,278	15,780	17,007	19,256	15,686	12,059	16,129	15,946	15,176	17,302	...
Producer Price Index, southern pine, dressed	1967=100	319.8	300.6	279.6	279.5	288.8	288.8	304.1	324.5	317.0	306.1	302.6	r303.6	291.0	287.9	289.2	290.4
Western pine:																	
Orders, new	mil. bd. ft.	9,011	r9,247	734	724	747	728	909	836	856	935	869	986	993	947	812	...
Orders, unfilled, end of period	do	407	433	446	433	485	501	553	498	464	457	467	510	517	531	519	...
Production	do	8,992	r9,276	733	700	743	736	828	893	839	891	872	972	1,007	962	841	...
Shipments	do	9,014	9,221	729	737	695	712	857	891	890	943	859	943	986	933	824	...
Stocks (gross), mill, end of period	do	1,257	r1,312	1,332	r1,312	1,343	1,367	1,338	1,340	1,289	1,260	1,273	1,302	1,323	1,352	1,369	...
Producer Price Index, other softwood, dressed	1967=100	385.5	378.7	368.8	371.8	372.3	371.4	379.8	400.0	392.5	383.6	383.3	r387.2	406.5	399.2	407.3	401.3
HARDWOOD FLOORING																	
Oak:																	
Orders, unfilled, end of period	mil. bd. ft.	7.3	5.5	4.2	5.5	5.8	6.6	8.2	8.6	9.5	8.8	8.8	9.2	8.3	7.4	7.9	...
Shipments	do	109.6	121.8	10.2	8.7	11.1	10.6	12.2	12.4	12.5	11.8	11.3	12.6	12.7	14.7	11.2	...
Stocks (gross), mill, end of period	do	5.7	6.2	6.0	6.2	4.7	4.2	3.7	3.6	3.5	4.7	4.1	4.3	5.3	5.1	5.5	...
METALS AND MANUFACTURES																	
IRON AND STEEL																	
Exports:																	
Steel mill products	thous. sh. tons	980	932	73	81	87	73	74	72	61	70	68	86	103	72	87	...
Scrap	do	9,498	9,935	984	868	1,320	892	1,185	1,063	960	898	803	1,011	752	964	703	...
Pig iron	do	57	32	2	1	1	4	1	10	1	2	9	2	(2)	6	1	...
Imports:																	
Steel mill products	do	26,163	24,256	1,700	2,147	1,748	2,043	1,966	1,601	1,627	1,732	2,060	1,529	1,586	1,359	1,927	...
Scrap	do	577	611	41	74	49	66	66	46	36	39	49	101	69	48	96	...
Pig iron	do	702	344	33	22	24	13	3	52	22	14	31	33	44	20	26	...
Iron and Steel Scrap																	
Production	thous. sh. tons	[1]36,128	[3]30,455	2,582	2,381	2,529	2,410	2,576	2,642	2,512	2,348	2,201	1,871	r1,838	1,868	...	...
Receipts, net	do	[1]29,524	[3]38,816	2,934	2,777	3,121	3,234	3,311	3,420	3,241	3,083	2,875	3,044	r3,168	3,263	...	...
Consumption	do	[1]65,702	[3]70,491	5,751	5,371	5,811	5,729	6,071	6,134	5,896	5,594	5,100	5,026	r4,967	5,219	...	...
Stocks, end of period	do	5,261	[3]5,077	5,257	5,077	4,844	4,794	4,698	4,715	4,685	4,634	4,680	4,566	r4,595	4,527	...	...
Producer Price Indexes, iron and steel scrap:																	
No. 1 heavy melting, composite *	1967=100	312.2	273.3	253.1	253.0	267.5	274.8	269.0	267.2	264.2	257.8	258.2	267.7	265.7	265.7	266.7	270.3
Pittsburgh district *	do	342.6	287.6	257.8	257.8	276.3	285.6	274.4	274.4	263.3	259.6	268.9	283.7	283.7	283.7	283.7	298.6
Ore																	
Iron ore (operations in all U.S. districts):																	
Mine production	thous. lg. tons	51,269	48,386	3,718	2,329	2,861	3,443	3,840	4,363	4,836	3,096	3,086	3,041	2,986	2,767	...	...
Shipments from mines	do	50,883	48,038	4,958	2,919	755	1,106	1,226	4,356	5,354	4,527	4,799	4,600	4,147	4,093	...	...
Imports	do	17,160	15,955	1,589	1,265	1,292	1,209	1,168	1,444	1,742	1,943	1,700	1,120	1,444	1,191	1,228	...
U.S. and foreign ores and ore agglomerates:																	
Receipts at iron and steel plants	do	64,881	61,757	5,620	4,848	1,280	2,165	2,738	4,634	6,685	6,095	5,558	4,249	4,555	4,580	...	...
Consumption at iron and steel plants	do	65,990	63,658	5,083	5,086	5,476	5,209	5,522	5,425	5,347	4,655	4,066	4,274	3,754	3,872	...	...
Exports (domestic)	do	4,993	7,135	509	514	13	(2)	143	218	533	589	828	1,160	1,650	529	369	...
Stocks, total, end of period	do	32,146	29,389	29,879	29,389	27,260	26,184	25,140	23,997	25,048	25,073	24,940	23,417	24,915	...	...	...
At mines	do	5,187	5,968	6,548	5,968	8,073	10,407	12,998	13,035	12,635	11,210	9,511	7,960	7,166	...	...	...
At furnace yards	do	24,017	21,290	21,527	21,290	17,065	13,936	11,102	10,312	11,373	12,754	14,350	14,455	16,086	...	...	...
At U.S. docks	do	2,942	2,404	1,804	2,404	2,122	1,841	1,040	650	1,040	1,109	1,079	1,002	1,663	...	...	...
Manganese (manganese content), general imports	do	535	828	97	50	66	104	53	98	51	47	75	79	93	58	76	...
Pig Iron and Iron Products																	
Pig iron:																	
Production (including production of ferroalloys)	thous. sh. tons	[1]51,904	50,446	3,999	3,930	4,297	4,002	4,341	4,341	4,284	3,697	3,526	2,966	2,982	3,161	3,097	3,146
Consumption	do	[1]52,097	[4]51,460	4,115	3,980	4,177	3,825	4,123	3,949	3,946	3,527	3,428	2,964	r2,869	3,018	...	...
Stocks, end of period	do	304	[3]239	236	239	264	269	257	265	257	239	248	241	r227	219	...	...
Producer Price Index, basic	6/82=100	100.3	98.4	97.3	97.1	97.6	97.9	...	97.9	97.8	97.8	...	...	...	...	...	...
Castings, gray and ductile iron:																	
Shipments, total	thous. sh. tons	10,520	10,017	749	655	r587	r557	r589	r697	r641	r589	r568	r562	601	684	...	...
For sale	do	6,247	6,432	467	409	r364	r327	r360	r429	r420	r376	r382	r395	389	432	...	...
Castings, malleable iron:																	
Shipments, total	do	380	376	30	25	r43	r35	r39	r47	r39	r37	r35	r31	36	47	...	...
For sale	do	180	198	17	13	r15	13	r13	r18	15	10	r8	r11	11	15	...	...

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984	Units	Annual 1984	Annual 1985	1985 Nov.	1985 Dec.	1986 Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
METALS AND MANUFACTURES—Continued																	
Steel, Raw and Semifinished																	
Steel (raw):																	
Production	thous. sh. tons	[1]92,528	88,259	7,051	6,728	7,665	7,171	7,947	7,787	7,616	6,730	6,352	5,668	5,644	6,087	5,860	5,877
Rate of capability utilization	percent	68.4	66.1	64.7	59.7	69.4	71.8	71.9	73.5	69.5	63.5	59.2	52.8	54.3	56.8	56.5	54.9
Steel castings:																	
Shipments, total	thous. sh. tons	940	940	73	66	r79	r71	r63	r84	r83	r70	r65	r66	69	82		
For sale, total	do	862	904	70	64	r76	r68	r61	r81	r79	r66	r62	r64	66	79		
Steel Mill Products																	
Steel products, net shipments:																	
Total (all grades)	thous. sh. tons	[1]73,739	[1]73,043	5,654	5,821	6,437	5,799	6,142	6,283	6,212	6,007	5,815	5,364	5,608	5,923	4,899	
By product:																	
Semifinished products	do	[1]4,407	4,345	354	333	395	383	411	430	444	433	393	384	412	418	351	
Structural shapes (heavy), steel piling	do	[1]4,156	[1]4,698	373	384	448	370	414	404	391	402	418	384	366	395	317	
Plates	do	4,339	[1]4,327	328	338	334	294	312	338	352	326	317	265	242	274	224	
Rails and accessories	do	1,239	931	54	63	73	72	74	71	61	50	44	49	44	39	31	
Bars and tool steel, total	do	[1]13,232	[1]12,668	941	862	1,128	993	1,057	1,120	1,106	1,048	1,014	950	951	1,028	858	
Bars: Hot rolled (including light shapes)	do	[1]7,255	[1]7,027	509	452	632	507	562	608	582	547	524	512	499	532	475	
Bars: Reinforcing	do	[1]4,432	[1]4,326	336	321	369	376	379	391	412	391	387	337	349	387	293	
Bars: Cold finished	do	1,484	1,255	92	87	122	105	110	116	107	105	98	98	98	104	86	
Pipe and tubing	do	4,276	4,096	325	307	324	288	308	264	226	229	236	211	191	210	179	
Wire and wire products	do	1,222	1,136	77	66	93	89	100	113	102	96	93	88	81	89	68	
Tin mill products	do	[1]4,062	3,772	268	340	301	285	337	349	340	347	382	320	310	287	262	
Sheets and strip (including electrical), total	do	36,806	[1]37,069	2,902	3,129	3,341	2,999	3,130	3,195	3,189	3,077	2,918	2,713	3,010	3,181	2,609	
Sheets: Hot rolled	do	13,133	12,952	1,001	1,167	1,149	1,019	1,049	1,030	1,036	999	906	840	1,003	1,069	875	
Sheets: Cold rolled	do	13,664	13,574	1,051	1,129	1,207	1,093	1,151	1,214	1,180	1,151	1,075	949	1,062	1,112	924	
By market (quarterly):																	
Service centers and distributors	do	[1]17,234	17,548		4,586			4,346			4,367			3,986	[2]1,447	1,145	
Construction, incl. maintenance	do	[1]6,052	6,407		1,556			1,550			1,700			1,489	[2]514	407	
Contractors' products	do	2,563	2,663		676			652			674			646	[2]208	171	
Automotive	do	12,554	12,725		2,960			3,242			3,158			2,689	987	827	
Rail transportation	do	1,036	1,059		209			253			211			163	61	46	
Machinery, industrial equip., tools	do	2,737	2,129		488			523			537			436	148	131	
Containers, packaging, ship. materials	do	4,337	4,069		942			999			1,098			1,093	321	275	
Other	do	26,500	[1]26,098		6,366			6,811			6,758			6,313	2,239	1,899	
Steel mill shapes and forms, inventories, end of period—total for the specified sectors:	mil. sh. tons	25.6	23.5	23.0	23.5	23.6	23.8	23.7	23.9	24.1	23.8	23.8	23.7	23.0	22.3		
Producing mills, inventory, end of period:																	
Steel in process	mil. sh. tons	7.6	7.4	7.1	7.4	7.4	7.3	7.5	7.5	7.5	7.2	7.1	7.2	7.0	6.7		
Finished steel	do	6.0	6.2	6.3	6.2	6.0	6.2	6.0	6.1	6.2	6.1	6.1	6.1	6.0	5.8		
Service centers (warehouses), inventory, end of period	mil. sh. tons	6.0	5.8	5.6	5.8	6.0	6.0	5.9	5.9	6.0	6.0	6.1	6.0	5.7	5.5		
Consumers (manufacturers only):																	
Inventory, end of period	do	6.0	4.1	4.0	4.1	4.2	4.3	4.3	4.4	4.4	4.5	4.5	4.4	4.3	4.3		
Receipts during period	do	45.3	53.6	4.1	3.7	3.7	3.6	3.7	4.0	4.0	3.9	3.7	3.4	4.1	3.7		
Consumption during period	do	44.7	57.5	4.4	5.6	3.6	3.5	3.7	3.9	4.0	3.8	3.6	3.5	4.2	3.7		
NONFERROUS METALS AND PRODUCTS																	
Aluminum:																	
Production, primary (dom. and foreign ores)	thous. met. tons	4,099	3,499	265	271	273	251	281	275	284	241	231	259	231			
Recovery from scrap †	do	1,760	1,728	139	135	147	129	147	153	150	138	151	147	164			
Imports (general):																	
Metal and alloys, crude	do	975.3	960.9	76.7	64.0	90.5	110.9	140.9	144.4	167.3	137.0	131.2	136.1	106.1	118.3	100.4	
Plates, sheets, bars, etc	do	499.8	463.4	35.1	37.7	41.4	41.5	40.5	34.0	41.6	37.1	63.3	41.0	34.6	42.6	48.9	
Exports:																	
Metal and alloys, crude	do	286.2	383.0	20.5	13.1	24.1	28.1	20.0	14.1	18.7	12.6	12.1	17.2	18.0	21.2	19.1	
Plates, sheets, bars, etc	do	224.4	174.5	16.8	12.8	20.2	18.3	14.1	18.2	19.2	15.9	12.7	14.3	16.7	r18.9	20.7	
Price, U.S. market, 99.7% purity, monthly average	$ per lb	.6105	.4881	.4508	.4998	.5525	.5682	.6157	.5935	.5777	.5674	.5412	.5449	.5540	.5357	.5250	
Aluminum products:																	
Shipments:																	
Ingot and mill prod. (net ship.)	mil. lb	14,655	14,462	1,123	1,032	1,184	1,187	1,395	1,340	1,388	1,203	1,115	r1,133	1,117	1,219	1,032	
Mill products, total	do	11,076	11,092	850	821	946	913	1,030	1,064	1,086	938	908	r915	932	972	840	
Sheet and plate	do	6,342	6,442	484	491	541	525	609	624	654	540	530	526	523	548	484	
Castings	do	2,233	2,228	205	190	228	209	205	211	199	191	152	162	178	197		
Inventories, total (ingot, mill products, and scrap), end of period	mil. lb			5,241	5,165	5,161	5,158	5,054	5,097	5,045	5,044	5,084	r5,059	4,976	4,927	4,904	
Copper:																	
Production:																	
Mine, recoverable copper	thous. met. tons	1,091.3	1,110.7	92.3	99.4	99.4	87.7	96.8	94.2	97.5	94.8	95.2	94.9	95.8			
Refined from primary materials	do	[1]1,200.2	1,039.1	77.8	87.2	87.0	75.4	75.5	88.1	91.9	89.8	98.8	86.2	87.1			
Electrolytically refined:																	
From domestic ores	do	[1]974.1	890.4	66.7	75.8	74.9	65.1	62.8	73.8	79.5	77.3	84.8	71.7	71.8			
From foreign ores	do	115.9	55.2	3.9	3.7	3.1	1.8	3.6	4.8	2.6	2.1	3.4	3.8	3.9			
Electrowon *	do	110.1	93.5	7.2	7.6	9.0	8.5	9.1	9.5	9.8	10.4	10.6	10.8	11.4			
Refined from scrap ◊	do	309.5	363.2	28.7	28.5	42.5	41.9	45.2	42.6	42.4	40.8	39.1	37.4	34.9			
Imports, unmanufactured (general):																	
Refined, unrefined, scrap (copper cont.)	do	652.7	483.2	50.2	56.4	59.6	52.4	57.4	46.6	69.7	45.3	51.8	43.4	92.9	40.4	67.3	
Refined	do	521.3	390.7	40.4	49.9	51.9	43.9	49.5	38.2	54.9	36.8	36.0	36.0	37.3	31.7	55.6	
Exports:																	
Refined and scrap	do	360.7	463.0	35.4	25.5	49.4	38.3	45.2	33.8	50.6	38.1	29.6	55.1	25.3	46.2	41.6	
Refined	do	93.9	48.1	.9	1.1	1.3	1.5	1.2	1.0	2.4	.9	.8	1.8	1.7	.6	.9	
Consumption, refined (reported by mills, etc.) ◊	do	2,036	1,899	146	135	176	173	185	172	162	167	128	153	171			
Stocks, refined, end of period ◊	do	556	311	310	313	324	300	270	259	258	241	274	261	243			
Price, avg. U.S. producer cathode, delivered §	$ per lb	.6685	.6697	.6629	.6803	.6988	.6825	.7014	.6880	.6708	.6747	.6382	.6237	.6484	.6346		

See footnotes at end of tables.

Data for the series shown in the S (or "blue") pages of the SURVEY OF CURRENT BUSINESS are now available on diskette.
See page S-36 for details.

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984	Units	Annual		1985		1986											
		1984	1985	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
METALS AND MANUFACTURES—Continued																	
NONFERROUS METALS AND PRODUCTS—Continued																	
Copper-base mill and foundry products, shipments (quarterly total):																	
Brass mill products	mil. lb.	2,717	2,363		549			590			580						
Copper wire mill products (copper content)	do	2,138	1,880		427			464			459						
Brass and bronze foundry products	do	[3]572	541		128			149			158						
Lead:																	
Production:																	
Mine, recoverable lead	thous. met. tons	322.7	414.0	32.5	33.0	40.2	36.1	38.0	33.8	24.9	23.6	25.0	23.3	24.0	24.2		
Recovered from scrap (lead cont.)	do	[1]633.4	594.2	54.2	43.4	49.8	52.9	53.2	50.2	59.1	46.0	41.0	50.2	46.2	51.3		
Imports (general), ore (lead content), metal	do	80.3	56.5	3.1	2.2	6.3	4.0	2.3	1.7	1.3	3.7	14.7	12.7	8.6	18.9	14.4	
Consumption, total	do	[1]1,207.0	[1]1,148.3	96.3	83.3	96.7	85.4	79.6	90.8	86.0	84.1	71.0	94.9	r101.5	105.9		
Stocks, end of period:																	
Producers', ore, base bullion, and in process (lead content), ABMS	thous. met. tons	107.9	61.3	68.8	61.3	61.7	64.8	58.6	58.0	47.5	57.5	71.5	74.5	72.0	73.9	64.9	
Refiners' (primary), refined and antimonial (lead content)	thous. met. tons	47.7	83.9	81.7	83.9	86.9	93.6	105.1	104.3	105.4	95.4	80.4	73.2	52.1	37.6		
Consumers' (lead content) ◊	do	97.1	61.8	65.2	61.9	63.8	65.2	66.9	62.1	64.0	59.9	64.3	58.3	53.0	50.1		
Scrap (lead-base, purchased), all smelters (gross weight)	thous. met. tons	20.9	22.0	21.3	22.0	24.0	24.6	24.2	25.4	21.2	21.1	24.8	22.6	r21.1	19.6		
Price, common grade, delivered	$ per lb	.2555	.1907	.1905	.1897	.1835	.1779	.1820	.1873	.1938	.2207	.2194	.2242	.2343	.2555		
Tin:																	
Imports (for consumption):																	
Ore (tin content)	metric tons	3,273	1,633	22			210	214	67	204	936	94	677	293	378	350	
Metal, unwrought, unalloyed	do	41,241	33,831	2,805	3,354	2,523	1,480	3,278	5,081	3,332	2,789	4,111	2,508	1,833	2,371	4,268	
Recovery from scrap, total (tin cont.)	do	[1]11,446	9,045	811	744	821	754	730	631	629	534	368	564	r419	465		
As metal	do	2,202	[4]1,176	148	112					143	138			144			
Consumption, total	do	50,400	51,600	4,200	4,000	4,300	4,000	4,200	4,500	4,400	4,400	4,100	4,100	r4,000	4,200		
Primary	do	38,700	38,900	3,100	3,000	3,200	2,900	3,200	3,400	3,300	3,300	3,100	3,000	r3,000	3,100		
Exports, incl. reexports (metal)	do	3,184	2,875	278	333	272	680	185	307	259	269	98	213	199	167	261	
Stocks, pig (industrial), end of period	do	2,592	5,665	4,913	5,665	5,310	4,692	3,097	4,127	3,987	4,032	4,166	4,246	r3,497	3,571		
Price, Straits quality (delivered)	$ per lb	6.2380	[5]5.9595					4.5579	3.6425	6.5224	3.4661	3.4652	3.4701	3.4583	3.5387		
Zinc:																	
Mine prod., recoverable zinc	thous. met. tons	252.8	217.5	16.3	18.8	20.4	18.4	19.6	15.3	12.2	14.2	16.6	15.4	16.6	19.4		
Imports (general):																	
Ores (zinc content)	do	95.6	91.4	13.0	5.8	10.9	14.0	10.6	3.6	.8	11.7	25.6	23.9	16.6	30.6	24.1	
Metal (slab, blocks)	do	632.5	568.7	64.2	66.5	74.0	59.4	57.8	50.0	53.8	40.1	60.9	44.8	61.3	51.8	56.5	
Consumption (recoverable zinc content):																	
Ores	do	68.1	52.7	2.5	6.7	5.2	4.8	3.5	3.3	4.9	5.9	[6].6	.7	.6	.5		
Scrap, all types	do	251.4	251.0	20.9	20.8	20.1	19.4	20.2	20.5	21.6	21.4	20.7	20.8	21.8	27.0		
Slab zinc: @																	
Production, total ‡	thous. met. tons	290.0	301.0	24.6	24.6	25.6	19.4	19.4	21.3	24.0	22.7	23.3	22.2	22.7	24.1	21.8	23.8
Consumption, fabricators	do	[1]848.9	[1]711.8	55.8	52.1	55.4	56.3	59.9	56.2	57.8	59.1	51.4	54.8	58.6	58.2		
Exports	do	.8	.7	(2)	.1	.2	.2	.2	.2	(2)	(2)	(2)	(2)	.1	.5	.1	
Stocks, end of period:																	
Producers', at smelter (ABMS)	do	43.7	35.6	33.9	35.6	30.5	26.1	25.4	19.6	15.4	11.3	9.0	9.3	7.4	8.7	10.7	15.5
Consumers'	do	[1]72.5	75.4	49.1	43.9	48.6	48.5	45.9	45.0	42.3	38.9	44.5	42.7	42.2	46.0		
Price, high grade	$ per lb	.4860	.4037	.3336	.3361	.3287	.3088	.3122	.3213	.3297	.3654	.3955	.4083	.4370	.4598	.4578	
MACHINERY AND EQUIPMENT																	
Heating, combustion, atmosphere equipment, new orders (domestic), net, qtrly #	mil. $	[1]254.2	[1]239.5		56.7			43.0			30.2			30.9			
Electric processing heating equipment	do	108.6	[1]100.0		22.4			21.1			17.8			10.5			
Fuel-fired processing heating equip	do	145.5	[1]139.5		34.3			21.9			12.4			20.5			
Material handling equipment (industrial): Shipments *	do	4,246.1	4,272.4	394.2	283.1	260.5	r355.9	r414.8	r394.4	444.7	473.4						
Industrial supplies, machinery and equipment: New orders index, seas. adjusted	1977=100	120.6	119.9	118.5	115.9	118.3	120.1	116.4	116.0	119.4	116.7	116.6	118.1	120.0	120.3		
Industrial suppliers distribution:																	
Sales index, seas. adjusted	1977=100	141.7	144.3	145.2	134.2	146.7	144.3	136.9	144.3	143.1	141.2	145.7	146.9	144.4	150.4	143.0	
Inflation index, not seas. adj. (tools, material handling equip., valves, fittings, abrasives, fasteners, metal products, etc.)	1977=100	158.8	162.9	162.9	162.9	163.4	163.6	163.8	164.4	164.5	164.7	165.1	165.0	165.1	165.3	165.3	
Fluid power products shipments indexes:																	
Hydraulic products §	1985=100	100	95	r256	r240	96	97	104	109	101	106	93	99	100	97	87	
Pneumatic products §	do	96	101	r283	r252	105	101	105	108	100	101	95	91	96	103	87	
Machine tools:																	
Metal cutting type tools:																	
Orders, new (net), total	mil. $	1,915.80	1,853.10	171.55	116.60	135.00	168.60	159.90	136.15	141.70	156.80	128.80	115.10	100.15	r130.85	p83.95	
Domestic	do	1,699.55	1,652.15	162.70	110.05	124.75	160.65	146.05	118.30	118.50	145.65	99.25	108.60	89.95	r114.95	p75.85	
Shipments, total	do	1,606.50	1,742.25	139.40	287.85	91.50	123.90	171.55	152.10	172.45	244.80	149.10	108.25	161.35	r183.50	p116.70	
Domestic	do	1,483.85	1,548.50	126.35	223.55	74.05	109.50	148.20	140.05	153.10	226.70	135.90	92.50	140.80	r170.40	p104.30	
Order backlog, end of period	do	1,132.4	1,243.3	1,414.6	1,243.3	1,286.8	1,331.5	1,319.8	1,303.9	1,273.2	1,185.2	1,164.8	1,171.7	1,110.5	r1,057.8	p1,025.1	
Metal forming type tools:																	
Orders, new (net), total	do	1,000.00	[1]675.00	23.55	58.45	55.75	41.80	54.70	57.10	64.50	44.35	41.20	39.30	35.10	49.30	p48.75	
Domestic	do	931.50	[1]610.00	20.95	53.20	50.20	37.60	50.75	50.95	58.50	44.90	36.05	30.40	23.65	r44.45	p42.40	
Shipments, total	do	679.35	[1]802.95	59.75	86.50	54.35	78.75	77.25	57.45	57.10	67.10	40.95	43.10	46.60	r59.30	p50.10	
Domestic	do	608.75	[1]742.95	52.90	82.50	50.80	76.15	71.10	50.75	54.00	62.30	36.60	39.05	40.30	r52.40	p44.80	
Order backlog, end of period	do	542.2	414.2	442.3	414.2	415.6	378.7	356.2	355.8	363.2	340.4	340.7	336.9	325.4	r315.4	p314.0	

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984	Units	Annual 1984	Annual 1985	1985 Nov.	1985 Dec.	1986 Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
METALS AND MANUFACTURES—Continued																	
MACHINERY AND EQUIPMENT—Continued																	
Tractors used in construction, shipments, qtrly:																	
Tracklaying (ex. shovel loaders)	units	8,917	7,321		1,886			2,147			2,986						
	mil. $	785.4	628.7		162.4			227.6			283.1						
Wheel (contractors' off-highway)	units	5,602	7,080		1,646			1,586			1,643						
	mil. $	421.9	486.6		122.8			105.3			129.0						
Shovel loaders ‡	units	45,622	70,653		19,752			13,027			14,679						
	mil. $	1,791.9	2,364.6		665.9			405.6			474.3						
ELECTRICAL EQUIPMENT																	
Batteries (auto.-type replacement), shipments	thous	59,332	58,684	5,634	6,487	4,776	3,511	3,760	4,089	4,243	4,061	4,662	5,668	6,461	6,936	5,969	
Radio sets, production, total market	thous	46,420	40,606	r1,871	r2,256	r1,271	1,304	1,338	1,348	2,065	2,228	1,813	2,832	2,774	3,165	2,822	
Television sets (incl. combination models), production, total market	thous	22,210	20,525	1,999	r2,235	1,687	1,616	1,888	2,045	1,570	1,975	1,583	1,927	2,337	2,209	2,161	
Household major appliances (electrical), factory shipments (domestic and export) #	thous	39,444	41,797	3,459	2,984	3,594	3,185	3,466	3,749	3,909	4,090	3,985	3,712	4,006	4,085	3,425	
Air conditioners (room)	do	3,103	3,022	39	118	131	175	422	456	451	427	361	89	89	53	56	
Dishwashers	do	3,491	3,575	298	254	316	287	295	337	301	317	323	339	346	386	330	
Disposers (food waste)	do	4,085	4,105	334	305	384	340	339	300	318	410	296	363	414	404	347	
Microwave ovens/ranges @	do	9,132	10,883	1,276	871	1,087	904	870	879	1,051	903	892	1,024	1,183	1,137	1,129	
Ranges	do	3,074	3,142	270	255	265	254	240	266	257	301	283	271	294	319	278	
Refrigerators	do	5,994	6,080	434	335	448	407	419	549	570	692	730	605	597	611	449	
Freezers	do	1,281	1,236	66	70	90	77	80	99	106	140	159	122	110	94	72	
Washers	do	5,049	5,278	405	341	490	399	408	446	459	494	521	500	554	600	410	
Dryers (incl. gas)	do	3,684	3,914	340	284	375	308	314	325	309	324	358	356	408	460	350	
Vacuum cleaners (qtrly.)	do																
GAS EQUIPMENT (RESIDENTIAL)																	
Furnaces, warm air, shipments	thous	1,849	1,822	181	170	155	150	160	140	151	149	147	199	218	252		
Ranges, total, sales	do	1,732	r1,814	r162	r156	r142	r147	r164	r144	r150	r178	r127	r156	r189	182		
Water heaters (storage), automatic, sales	do	3,502	3,529	288	308	337	323	343	344	270	295	292	273	290	346		
PETROLEUM, COAL, AND PRODUCTS																	
COAL																	
Anthracite:																	
Production †	thous. sh. tons	4,162	4,708	386	396	261	243	260	300	294	297	294	325	328	431	373	
Exports	do	680	1,286	164	55	8	7	61	118	52	150	195	162	274	138	199	
Producer Price Index	1967=100	611.3	616.3	622.9	622.9	645.9	646.4	646.4	635.1	635.1	636.1	635.8	r635.5	635.5	635.5	635.8	640.1
Bituminous:																	
Production †	thous. sh. tons	891,759	878,930	68,881	69,593	78,282	72,686	77,569	74,894	73,137	72,671	66,963	74,149	73,592	76,832	68,671	
Consumption, total †	do	788,203	815,134	64,589	74,874	75,490	65,580	64,192	58,626	61,333	67,991						
Electric power utilities	do	663,329	692,808	54,228	63,316	63,965	54,998	53,810	48,030	51,352	58,828	67,954	61,730	56,489			
Industrial, total	do	117,214	115,856	9,749	10,775	10,782	9,932	9,918	9,917	9,571	8,839						
Coke plants (oven and beehive)	do	43,987	41,029	3,190	3,311	3,505	3,322	3,553	3,599	3,531	3,069						
Residential and commercial	do	7,660	6,469	612	783	743	650	464	679	410	324						
Stocks, end of period, total †	do	190,410	162,977	170,400	162,977	158,033	156,440	159,034	166,082	170,029	168,606						
Electric power utilities	do	173,017	149,188	156,852	149,188	144,896	143,986	147,263	153,949	157,534	155,750	142,932	141,781	144,590			
Industrial, total	do	17,393	13,789	13,548	13,789	13,137	12,454	11,771	12,133	12,495	12,856						
Oven-coke plants	do	6,158	3,409	3,384	3,409	3,293	3,177	3,061	3,217	3,373	3,529						
Exports	do	80,792	91,361	7,969	7,162	5,922	5,145	6,089	8,181	8,489	7,166	7,579	7,553	7,915	7,066	6,475	
Producer Price Index	1967=100	543.5	543.5	534.2	537.1	537.7	535.4	538.3	536.5	535.6	535.1	535.2	r534.4	533.9	532.4	530.9	530.7
COKE																	
Production:																	
Beehive and oven (byproduct)	thous. sh. tons	30,561	28,651		6,689			7,252			7,156						
Petroleum coke §	do	32,131	33,204	2,899	3,305	3,097	2,705	3,006	2,828	3,166	3,158	3,030	3,137	3,146	3,053		
Stocks, end of period:																	
Oven-coke plants, total	do	3,716	2,553		2,553			2,319			2,174						
At furnace plants	do	3,363	2,148		2,148			1,898			1,750						
At merchant plants	do	353	404		404			421			424						
Petroleum coke	do	968	1,232	1,050	1,232	1,207	1,183	1,456	1,403	1,454	1,866	1,256	1,304	1,296	1,231		
Exports	do	1,130	1,179	128	87	52	18	83	67	113	83	81	240	26	72	151	
PETROLEUM AND PRODUCTS																	
Crude petroleum:																	
Producer Price Index	1967=100	669.8	619.4	621.4	624.3	618.1	489.0	353.1	300.7	293.0	300.8	272.6	r263.8	310.7	308.3	307.3	308.0
Gross input to crude oil distillation units @@	mil. bbl	4,471.0	4,440.2	378.9	395.1	389.5	338.0	364.3	377.1	411.6	400.2	402.8	414.7	397.6	395.3		
Refinery operating ratio @@	% of capacity	76	78	80	81	80	78	76	81	86	86	84	87	86	83		
All oils, supply, demand, and stocks: @@																	
New supply, total ◊	mil. bbl	5,851.7	5,730.9	502.6	514.8	499.2	428.4	472.2	471.6	510.7	516.3	531.2	537.8	515.3	512.0		
Production:																	
Crude petroleum	do	3,249.7	3,274.6	267.1	279.9	277.2	250.3	277.1	264.4	273.0	263.7	270.8	270.0	260.1	272.0		
Natural gas plant liquids	do	613.1	607.5	52.1	54.2	55.0	48.9	51.4	47.9	51.4	48.4	50.1	48.6	46.0	47.4		
Imports:																	
Crude and unfinished oils	do	1,368.8	1,308.6	130.4	123.6	112.1	90.2	101.1	122.5	136.8	150.0	152.9	158.2	159.5	143.5		
Refined products	do	620.2	540.3	52.9	57.1	54.8	39.1	42.6	36.8	49.6	54.1	57.3	61.1	49.7	49.2		
Change in stocks, all oils	do	102.6	−37.5	27.9	−4.6	21.3	−22.7	−26.0	−8.8	25.6	35.3	37.0	5.4	36.4	−8.2		
Product demand, total	do	6,018.7	6,024.6	496.0	543.6	520.0	473.6	523.7	497.0	513.5	498.6	518.0	544.0	494.0	535.2		
Exports:																	
Crude petroleum	do	66.2	74.5	8.6	6.1	4.9	4.5	6.6	2.8	3.0	7.2	2.0	7.2	4.8	4.7		
Refined products	do	196.9	209.9	22.4	22.5	21.5	19.6	15.3	21.9	19.0	11.5	17.7	19.5	16.5	20.8		

See footnotes at end of tables.

Data for the series shown in the S (or "blue") pages of the SURVEY OF CURRENT BUSINESS are now available on diskette.
See page S-36 for details.

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984	Units	Annual 1984	Annual 1985	1985 Nov.	1985 Dec.	1986 Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
PETROLEUM, COAL, AND PRODUCTS—Continued																	
PETROLEUM AND PRODUCTS †—Continued																	
All oils, supply, demand, and stocks—Continued																	
Domestic product demand, total #	mil. bbl	5,755.6	5,740.1	465.1	515.0	493.6	449.6	501.8	472.3	491.4	479.9	498.3	517.3	472.7	509.7		
Gasoline	do	2,458.2	2,503.3	203.7	211.4	201.7	180.8	216.9	213.5	217.9	217.0	234.2	231.7	206.6	225.1		
Kerosene	do	42.2	41.6	3.1	7.7	5.7	4.2	4.0	1.7	2.4	1.1	1.9	3.0	1.4	3.1		
Distillate fuel oil	do	1,041.2	1,046.8	82.4	100.9	100.5	96.7	98.2	88.2	85.9	74.4	76.8	84.5	75.4	90.1		
Residual fuel oil	do	501.2	438.8	38.7	46.0	44.5	40.4	43.2	39.7	41.3	40.5	46.8	46.3	38.5	37.8		
Jet fuel	do	430.2	444.7	38.3	41.7	39.7	35.8	37.3	37.6	38.7	39.4	40.4	41.6	40.0	39.2		
Lubricants	do	57.0	53.1	3.8	3.4	3.5	3.9	4.6	4.1	5.5	4.2	3.7	4.1	4.4	4.3		
Asphalt	do	149.5	155.1	10.2	6.1	6.2	4.0	6.7	12.1	16.3	19.3	21.2	21.5	21.0	18.8		
Liquefied petroleum gases	do	575.5	583.6	48.6	58.9	55.7	49.0	47.6	40.4	40.4	41.1	36.7	41.5	44.2	54.8		
Stocks, end of period, total	do	1,556.2	1,518.8	1,523.4	1,518.8	1,537.8	1,515.0	1,489.0	1,480.3	1,505.8	1,541.1	1,578.1	1,583.5	1,620.0	1,611.8		
Crude petroleum	do	795.9	814.2	812.4	814.2	826.3	827.3	837.8	836.9	828.7	827.2	845.2	837.7	844.2	850.5		
Strategic petroleum reserve	do	450.5	493.3	491.5	493.3	494.4	495.4	496.9	498.8	499.9	501.8	503.4	505.0	506.4	507.5		
Unfinished oils, natural gasoline, etc	do	139.8	148.0	152.1	148.0	151.0	151.1	145.7	150.3	154.1	156.7	152.8	144.0	144.7	151.5		
Refined products	do	620.6	556.6	558.9	556.6	560.5	536.6	505.6	493.0	523.0	557.2	580.2	601.8	631.1	609.8		
Refined petroleum products:																	
Gasoline (incl. aviation):																	
Production	do	2,371.1	2,352.3	195.2	206.7	202.8	177.2	188.6	195.8	220.7	214.1	217.4	221.7	208.0	206.7		
Stocks, end of period	do	207.9	192.4	185.6	192.4	203.5	209.0	187.2	176.7	191.5	199.7	192.7	190.3	199.2	187.6		
Prices, regular grade (excl. aviation):																	
Producer Price Index ‡	2/73=100	515.1	507.3	520.1	523.0	486.5	427.7	327.8	310.4	348.4	361.4	286.6	282.5	311.9	284.5	283.9	289.1
Retail, U.S. city average (BLS):																	
Leaded	$ per gal	1.129	[2]1.115	1.123	1.123	1.107	1.034	.894	.815	.852	.885	.822	.778	.797	.771	.762	.764
Unleaded	do	1.212	[2]1.202	1.207	1.208	1.194	1.120	.981	.888	.923	.955	.890	.843	.860	.831	.821	.823
Aviation gasoline:																	
Production	mil. bbl	9.1	9.3	.8	.5	.6	.9	.7	.9	1.0	1.1	1.2	1.4	1.0	.9		
Stocks, end of period	do	2.7	2.1	2.3	2.1	2.1	2.4	2.2	2.1	2.0	2.1	2.2	2.3	2.5	2.5		
Kerosene:																	
Production	do	41.8	34.5	3.5	4.1	4.5	3.6	3.1	2.5	1.8	1.5	2.1	2.2	2.9	2.8		
Stocks, end of period	do	11.9	7.5	10.5	7.5	7.3	6.7	6.1	6.9	6.3	6.7	6.9	7.0	8.6	8.6		
Producer Price Index (light distillate) ‡	1967=100	870.3	809.3	806.3	812.7	795.6	750.2	684.6	584.8	523.8	504.4	452.7	413.3	426.8	423.9	424.6	429.1
Distillate fuel oil:																	
Production	mil. bbl	981.2	980.9	93.1	98.4	89.9	71.8	82.0	83.7	88.6	82.0	84.1	90.7	85.8	84.2		
Imports	do	99.4	73.1	8.4	8.9	9.7	3.6	6.7	4.4	4.5	4.9	9.1	11.0	7.2	7.6		
Stocks, end of period	do	161.1	143.7	139.7	143.7	139.0	112.8	99.3	95.3	97.8	108.8	122.8	138.1	152.6	152.1		
Producer Price Index (middle distillate) ‡	1967=100	880.5	821.5	887.5	905.5	830.2	631.6	519.1	504.3	476.4	452.9	369.0	406.5	469.0	436.0	440.7	461.8
Residual fuel oil:																	
Production	mil. bbl	326.2	322.0	28.0	32.7	28.9	24.0	25.1	27.8	28.3	24.5	26.3	27.8	25.6	25.6		
Imports	do	249.2	186.3	18.8	21.1	19.5	16.2	17.7	15.1	20.6	20.6	20.7	24.8	18.9	18.5		
Stocks, end of period	do	53.0	50.4	50.3	50.4	48.1	42.7	38.8	35.9	39.6	43.0	40.4	41.3	44.0	45.8		
Producer Price Index ‡	1967=100	1,119.6	983.1	885.7	955.2	877.8	756.5	647.2	517.3	477.7	453.0	434.0	[r]361.0	417.6	452.1	450.8	479.7
Jet fuel:																	
Production	mil. bbl	414.3	433.9	39.0	38.4	41.4	37.7	40.0	34.8	37.2	38.3	39.9	39.4	38.7	40.7		
Stocks, end of period	do	42.0	40.5	43.2	40.5	41.6	44.1	47.4	45.3	45.0	40.3	48.5	48.3	48.7	50.6		
Lubricants:																	
Production	do	58.3	53.1	3.4	3.9	4.4	4.5	4.2	4.3	5.0	4.4	4.3	4.8	5.1	4.4		
Stocks, end of period	do	12.7	11.8	11.6	11.8	12.4	12.6	12.0	12.0	11.3	11.3	11.2	11.3	11.7	11.3		
Asphalt:																	
Production	do	141.3	146.3	10.4	6.9	6.7	6.4	8.3	11.5	15.8	17.3	18.0	18.3	16.0	14.2		
Stocks, end of period	do	17.2	21.2	19.5	21.2	22.4	25.2	27.3	27.3	27.8	27.0	25.0	22.6	18.9	15.2		
Liquefied petroleum gases:																	
Production, total	do	620.9	622.0	51.5	55.4	58.1	51.8	53.6	51.2	54.5	51.6	62.4	52.4	49.5	51.0		
At gas processing plants (L.P.G.)	do	488.2	479.3	40.8	43.1	44.5	39.9	41.7	38.8	40.5	38.4	48.2	38.2	36.3	37.8		
At refineries (L.R.G.)	do	132.7	142.6	10.7	12.3	13.6	11.9	11.9	12.4	14.0	13.3	14.2	14.2	13.3	13.2		
Stocks (at plants and refineries)	do	100.8	73.5	84.0	73.5	70.4	67.6	70.4	76.5	87.0	97.5	126.0	126.2	130.4	122.7		
PULP, PAPER, AND PAPER PRODUCTS																	
PULPWOOD																	
Receipts	thous. cords (128 cu.ft.)	[1]88,876	[1]85,499	6,914	6,861	8,088	7,483	7,294	7,591	7,277	7,372	7,770	7,465	7,493	8,247		
Consumption	do	[1]87,646	[1]85,744	7,112	6,907	7,880	7,261	7,478	7,742	7,499	7,563	7,812	7,582	7,362	7,779		
Inventories, end of period	do	5,574	5,046	5,062	5,046	5,491	5,807	5,433	5,335	4,910	4,851	4,836	4,835	4,970	5,501		
WASTE PAPER																	
Consumption	thous. sh. tons	[1]15,926	[1]15,290	1,286	1,207	1,399	1,287	1,431	1,358	1,443	1,384	1,320	1,390	1,380	1,419		
Inventories, end of period	do	1,053	[r]967	957	[r]967	954	906	887	891	844	843	884	851	877	948		
WOODPULP																	
Production:																	
Total	thous. sh. tons	[1]55,470	[1]54,029	4,499	4,385	4,846	4,407	4,844	4,763	4,771	4,844	4,742	4,903	4,671	4,881		
Dissolving pulp	do	1,206	1,174	97	93	107	95	109	97	110	107	103	113	104	98		
Paper grades chemical pulp	do	44,690	43,577	3,648	3,555	3,931	3,576	3,922	3,859	3,856	3,942	3,797	3,961	3,772	3,951		
Groundwood and thermo-mechanical	do	5,506	5,251	421	408	463	425	467	459	466	450	474	469	457	482		
Semi-chemical	do	4,069	4,027	333	328	346	311	346	347	340	345	368	359	338	350		
Inventories, end of period:																	
At pulp mills:																	
Own use woodpulp	do	174	163	190	163	165	157	143	149	164	171	176	195	186	176		
Market pulp	do	585	486	537	[r]486	444	422	372	365	365	304	353	352	303	292		
Market pulp at paper and board mills	do	545	492	448	492	504	528	543	537	508	568	579	542	558	527		
Exports, all grades, total	do	[1]3,694	[1]3,794	363	295	368	196	414	358	365	368	299	418	457	344	312	
Dissolving and special alpha	do	595	631	56	42	55	48	57	62	63	54	46	63	83	61	53	
All other	do	[1]2,999	[1]3,161	307	253	312	148	357	296	303	315	254	355	374	283	259	
Imports, all grades, total	do	[1]4,490	[1]4,466	401	339	383	335	145	349	422	370	401	422	379	372	47	
Dissolving and special alpha	do	146	117	14	4	17	6	15	17	6	16	5	18	18	12	9	
All other	do	[1]4,343	[1]4,349	387	335	366	329	130	332	417	355	396	404	361	359	460	

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984	Units	Annual 1984	Annual 1985	1985 Nov.	1985 Dec.	1986 Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
PULP, PAPER, AND PAPER PRODUCTS—Continued																	
PAPER AND PAPER PRODUCTS																	
Paper and board:																	
Production (API):																	
Total	thous. sh. tons	[1]68,487	[1]67,076	5,585	5,396	5,924	5,471	6,065	5,849	6,046	5,910	5,774	[r]6,114	[r]5,872	[r]6,173	5,946	.....
Paper	do	34,447	34,042	2,818	2,740	2,985	2,759	3,031	2,923	2,980	2,932	2,881	[r]3,029	[r]2,973	[r]3,116	2,998	.....
Paperboard	do	34,039	33,034	2,767	2,656	2,940	2,713	3,034	2,926	3,065	2,978	2,893	3,085	2,898	[r]3,057	2,948	.....
Producer price indexes:																	
Paperboard	1967=100	281.4	274.6	266.4	266.7	264.6	265.7	267.0	267.6	269.0	268.5	272.2	[r]274.9	276.8	280.9	281.7	278.7
Building paper and board	do	259.0	257.2	254.8	253.6	253.3	254.8	257.2	260.8	262.4	262.6	262.2	[r]262.2	262.6	265.0	262.7	262.5
Selected types of paper (API):																	
Groundwood paper, uncoated:																	
Orders, new	thous. sh. tons	[1]1,575	[1]1,477	126	105	142	115	128	127	115	139	152	138	[r]122	[r]130	126	.....
Orders, unfilled, end of period	do	140	106	111	106	118	116	115	103	99	117	141	149	[r]141	[r]132	129	.....
Shipments	do	[1]1,565	[1]1,516	137	112	128	117	127	127	120	123	128	126	132	137	127	.....
Coated paper:																	
Orders, new	do	[1]6,281	[1]5,642	474	444	547	490	533	479	487	529	529	562	[r]549	[r]555	520	.....
Orders, unfilled, end of period	do	575	393	426	393	400	404	428	405	402	424	475	467	[r]478	[r]458	434	.....
Shipments	do	6,249	5,075	472	448	521	488	504	510	497	504	484	556	555	569	548	.....
Uncoated free sheet papers:																	
Orders, new	do	[1]8,939	[1]9,704	869	775	890	827	879	866	904	875	889	922	[r]841	[r]918	903	.....
Shipments	do	[1]9,510	[1]10,012	839	832	916	826	929	875	896	897	893	903	893	953	918	.....
Unbleached kraft packaging and industrial converting papers:																	
Shipments	thous. sh. tons	[1]3,666	[1]3,403	273	271	290	263	295	292	282	278	277	277	274	272	263	.....
Tissue paper, production	do	[1]4,921	[1]4,941	411	410	428	399	436	424	445	419	395	[r]430	[r]415	[r]454	420	.....
Newsprint:																	
Canada:																	
Production	thous. metric tons	9,013	8,988	747	696	772	726	747	777	783	770	818	780	744	808	.....	.....
Shipments from mills	do	9,018	8,996	760	777	713	696	754	800	771	807	758	790	840	816	.....	.....
Inventory, end of period	do	298	290	371	290	349	379	373	349	361	324	384	374	278	270	.....	.....
United States:																	
Production	do	5,025	4,924	397	398	420	394	444	409	446	420	433	441	420	426	.....	.....
Shipments from mills	do	5,065	4,927	406	406	387	394	434	415	443	425	433	444	437	436	.....	.....
Inventory, end of period	do	60	57	65	57	90	90	99	93	96	90	89	86	69	58	.....	.....
Estimated consumption, all users ◊	do	11,431	11,580	1,041	1,015	918	881	1,004	1,000	1,035	996	931	997	999	1,064	.....	.....
Publishers' stocks, end of period #	thous. metric tons	874	910	889	910	920	927	904	889	870	869	892	893	904	901	.....	.....
Imports	thous. sh. tons	7,899	8,472	691	683	708	722	708	659	752	678	823	760	668	726	791	.....
Producer Price Index, standard newsprint	1967=100	323.1	332.5	329.8	330.2	324.1	324.5	324.3	324.1	324.1	323.1	323.5	322.2	322.3	333.6	333.8	333.6
Paper products:																	
Shipping containers, corrugated and solid fiber shipments	mil. sq. ft. surf. area	267,547	264,128	[r]21,003	19,594	24,075	21,306	22,567	25,174	23,365	23,419	23,976	23,726	24,390	27,132	21,406	.....
RUBBER AND RUBBER PRODUCTS																	
RUBBER																	
Natural rubber:																	
Consumption	thous. metric tons	750.74	774.68	65.71	52.37	59.43	71.83	71.27	81.94	45.45	54.56	[r]69.90	[r]49.93	57.04	.....	.....	.....
Stocks, end of period	do	96.39	95.17	85.13	95.17	96.95	96.90	100.42	98.58	98.63	96.65	[r]93.83	[r]86.39	91.57	.....	.....	.....
Imports, incl. latex and guayule	thous. long tons	786.01	779.80	71.81	64.49	63.64	70.32	76.62	83.12	47.64	54.01	68.96	44.47	62.91	72.34	53.13	.....
U.S. Import Price Index *	12/83=100	93.4	71.9	.....	70.3	.....	.....	77.5	.....	.....	74.6	.....	.....	76.7	.....	.....	79.2
Synthetic rubber:																	
Production	thous. metric tons	2,155.96	1,907.07	149.17	131.76	166.52	158.38	189.14	178.57	167.81	164.87	[r]155.27	170.47	178.59	.....	.....	.....
Consumption	do	2,062.30	1,874.72	154.00	140.27	160.66	146.91	175.73	157.56	163.85	147.99	[r]151.45	168.54	160.60	.....	.....	.....
Stocks, end of period	do	372.05	348.95	367.00	348.95	352.75	352.99	397.65	402.96	238.61	247.52	[r]239.88	233.40	236.47	.....	.....	.....
Exports (Bu. of Census)	thous. lg. tons	327.91	306.93	22.13	25.44	23.49	27.66	24.00	35.39	25.71	25.04	26.34	31.77	34.24	30.39	27.78	.....
TIRES AND TUBES																	
Pneumatic casings, automotive:																	
Production	thous	[1]209,375	[1]195,972	15,198	13,786	16,306	15,966	16,968	16,037	15,003	14,647	14,203	16,112	16,540	18,180	.....	.....
Shipments, total	do	242,454	242,049	19,290	17,916	19,407	16,966	18,910	20,442	20,014	22,107	18,829	21,244	22,025	23,418	.....	.....
Original equipment	do	58,770	62,536	5,128	4,233	5,603	5,323	5,429	5,459	5,417	5,532	3,978	4,532	5,359	5,695	.....	.....
Replacement equipment	do	176,287	173,553	13,797	13,274	13,366	11,168	13,021	14,526	14,229	16,229	14,457	16,252	16,142	17,205	.....	.....
Exports	do	7,397	5,960	365	409	438	475	460	457	368	346	394	460	524	518	.....	.....
Stocks, end of period	do	39,623	39,823	40,023	39,823	40,717	43,499	45,359	44,519	44,741	40,009	38,036	36,836	34,890	34,130	.....	.....
Exports (Bu. of Census)	do	6,410	5,627	322	404	409	365	450	386	434	334	350	484	442	620	477	.....
Inner tubes, automotive:																	
Exports (Bu. of Census)	do	1,612	1,123	118	72	75	69	90	57	65	60	57	64	60	61	109	.....

See footnotes at end of tables.

Data for the series shown in the S (or "blue") pages of the SURVEY OF CURRENT BUSINESS are now available on diskette.
See page S-36 for details.

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984	Units	Annual		1985		1986											
		1984	1985	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
STONE, CLAY, AND GLASS PRODUCTS																	
PORTLAND CEMENT																	
Shipments, finished cement	thous. bbl.	[1]435,787	[1]445,144	33,186	26,718	28,904	23,660	32,340	41,463	43,197	44,809	46,872	46,585	45,926	49,053		
CLAY CONSTRUCTION PRODUCTS																	
Shipments: ‡																	
Brick, unglazed (common and face)	mil. standard brick	6,990.6	6,833.7	519.6	430.4	487.6	408.0	543.7	681.7	678.4	686.1	700.0	r668.2	666.6			
Structural tile, except facing	thous. sh. tons	52.7	72.8	5.6	3.5	3.9	2.9	4.9	5.5	5.3	6.6	6.9	7.3	9.2			
Sewer pipe and fittings, vitrified	do	442.6	436.7	24.2	21.3	19.9	12.9	17.3	27.0	30.8	28.0	32.8	r28.3	31.3			
Floor and wall tile and accessories, glazed and unglazed	mi. sq. ft.	408.7	393.5	34.6	35.4	30.6	30.8	31.8	36.2	37.2	37.7	39.1	r38.0	39.1			
Producer Price Index, brick and structural clay tile *	12/84=100		101.4	102.3	103.7	104.7	104.7	104.7	104.8	105.2	105.3	105.1	r105.6	106.1	105.8	105.9	105.2
GLASS AND GLASS PRODUCTS																	
Flat glass, mfrs.' shipments	thous. $	955,088	[1]1,174,380		312,221			284,475			314,089			330,318			
Glass containers: †																	
Production	thous. gross	291,682	273,695	22,627	18,085	22,887	23,649	25,353	25,291	25,926	25,919	25,409	r25,171	23,556			
Shipments, total	do	289,950	272,821	19,754	19,122	22,458	21,312	23,127	25,787	24,959	25,939	26,129	24,637	23,553			
Narrow-neck containers:																	
Food	do	26,170	23,770	1,528	1,433	1,859	1,911	2,405	2,229	2,313	2,161	2,176	2,590	2,578			
Beverage	do	61,575	60,085	4,088	3,882	4,303	4,065	4,861	6,173	5,884	5,856	5,899	5,248	4,687			
Beer	do	90,796	83,777	5,859	6,316	7,209	6,542	7,222	7,878	7,742	8,080	8,333	7,128	6,965			
Liquor and wine	do	24,429	25,975	1,822	1,831	1,848	1,883	2,276	2,585	2,582	2,895	2,870	2,524	2,021			
Wide-mouth containers:																	
Food and dairy products	do	64,302	59,935	4,876	4,217	5,295	4,935	4,704	4,970	4,649	5,105	5,152	5,618	5,821			
Narrow-neck and wide-mouth containers:																	
Medicinal and toilet	do	20,311	17,322	1,412	1,291	1,767	1,815	1,510	1,795	1,685	1,740	1,586	1,450	1,403			
Chemical, household, and industrial	do	2,367	1,957	169	152	177	161	149	157	104	102	113	79	78			
Stocks, end of period	do	42,918	38,843	40,194	38,843	38,568	40,484	42,152	41,248	42,396	42,202	40,749	r41,080	40,724			
GYPSUM AND PRODUCTS																	
Production:																	
Crude gypsum (exc. byproduct)	thous. sh. tons	[1]14,390	14,784	1,262	1,276	1,919	1,084	1,135	1,378	1,363	1,342	1,284	1,332	1,375	1,463		
Calcined	do	14,829	17,135	1,366	1,473	1,511	1,173	1,542	1,543	1,446	1,445	1,431	1,531	1,625	1,489		
Imports, crude gypsum	do	8,904	9,922	739	1,074	694	804	640	659	784	958	993	1,009	r832	707		
Sales of gypsum products:																	
Uncalcined	do	[1]4,544	4,386	358	374	271	266	212	266	253	317	308	338	297	296		
Calcined:																	
Industrial plasters	do	[1]522	544	43	36	46	41	47	15	13	14	14	13	14	16		
Building plasters, total (incl. Keene's cement)	do	249	214	17	15	16	15	24	25	23	23	24	25	24	25		
Board products, total	mil. sq. ft.	18,324	19,431	1,620	1,585	1,696	1,369	1,697	1,880	1,712	1,628	1,715	1,757	1,795	1,952		
Lath	do	32	28	2	2	3	2	2	2	2	2	2	2	2	1		
Veneer base	do	407	432	34	39	41	30	39	43	41	40	40	41	43	45		
Gypsum sheathing	do	323	328	28	23	32	20	28	31	31	28	30	26	27	26		
Regular gypsum board	do	11,474	11,631	974	962	1,014	819	1,037	1,135	1,009	960	1,024	1,060	1,098	1,198		
Type X gypsum board	do	[1]5,083	5,507	460	451	487	397	472	530	496	481	494	499	500	538		
Predecorated wallboard	do	[1]125	128	11	10	11	9	10	11	11	10	11	10	10	11		
5/16 mobile home board	do	[1]880	853	66	53	59	56	63	76	70	60	64	68	64	76		
Water/moisture resistant board **	do		523	45	45	50	37	46	53	52	48	50	51	52	57		
TEXTILE PRODUCTS																	
FABRIC																	
Woven fabric, finishing plants:																	
Production (finished fabric)	mil. linear yd.	7,538	6,967	584	[3]624	[3]631	560	539	[3]661	538	536	[3]538	531	[3]533			
Cotton	do	2,515	2,623	215	[3]226	[3]233	215	201	[3]241	201	201	[3]186	192	[3]197			
Manmade fiber and silk fabrics	do	5,022	4,343	369	[3]398	[3]398	345	338	[3]419	336	335	[3]351	339	[3]336			
Inventories held at end of period	do	629	582	613	582	509	509	510	505	508	507	535	559	555			
Cotton	do	276	228	237	228	187	189	186	185	184	179	188	205	207			
Manmade fiber and silk fabrics	do	354	354	376	354	322	320	324	320	324	328	347	354	347			
Backlog of finishing orders	do			535	533	516	543	520	539	525	495	514	516	529			
Cotton	do			180	183	189	198	190	188	187	156	177	182	190			
Manmade fiber and silk fabrics	do			355	349	327	345	330	351	338	340	337	334	339			
COTTON AND MANUFACTURES																	
Cotton (excluding linters):																	
Production:																	
Ginnings ◊	thous. running bales	12,545	12,988	10,052	12,365							147	624	2,408	5,291	7,495	8,590
Crop estimate	thous. net weight bales §	12,982	13,432													9,792	
Consumption	thous. running bales	5,628	[1]5,268	477	[3]486	[3]595	499	492	[3]620	503	489	[3]522	534	523	[r3]683	529	[3]568
Stocks in the United States, total, end of period #	thous. running bales	11,442	13,683	14,326	13,683	12,897	12,121	11,478	10,725	10,162	9,528	9,045	18,113	16,704	15,366	14,639	13,416
Domestic cotton, total	do	11,441	13,682	14,325	13,682	12,897	12,120	11,477	10,724	10,161	9,527	9,044	18,112	16,703	15,366	14,639	13,416
On farms and in transit	do	3,208	2,374	4,793	2,374	1,490	1,125	1,890	902	737	787	150	1,049	8,119	5,286	3,913	2,540
Public storage and compresses	do	7,551	10,696	8,963	10,696	10,726	10,271	9,624	9,035	8,645	7,931	8,124	7,393	7,996	9,519	10,148	10,252
Consuming establishments	do	682	612	569	612	681	724	764	787	779	809	770	670	588	561	578	624

See footnotes at end of tables.

Data for the series shown in the S (or "blue") pages of the SURVEY OF CURRENT BUSINESS are now available on diskette.
See page S-36 for details.

TEXTILE PRODUCTS—Continued

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984	Units	Annual 1984	Annual 1985	1985 Nov.	1985 Dec.	1986 Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
COTTON AND MANUFACTURES—Cont.																	
Cotton (excluding linters)—Continued																	
Exports	thous. running bales	6,516	4,756	223	187	396	180	176	163	76	55	21	261	346	314	529	
Imports	thous. net-weight bales §	12	46	4	12	5	1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	
Price(farm), American upland ◊	cents per lb	57.5	54.7	56.0	53.3	53.0	55.4	55.0	56.4	56.9	56.4	58.6	47.2	47.4	47.1	r52.9	p55.4
Price, Strict Low Middling, Grade 41, staple 34 (1 1/16"), average 10 markets	cents per lb	[2]73.1	[3]60.5	56.0	56.2	58.4	59.8	61.8	62.6	64.0	65.2	65.7	26.8	33.6	44.0	45.7	54.2
Spindle activity (cotton system spindles):																	
Active spindles, last working day, total	mil	13.1	12.5	12.2	12.5	12.5	12.5	12.2	12.3	12.3	11.8	11.8					
Consuming 100 percent cotton	do	5.0	4.7	4.5	4.7	4.7	4.5	4.4	4.5	4.5	4.5	4.5					
Spindle hours operated, all fibers, total	bil	84.6	75.5	6.3	[4]6.3	[4]7.6	6.5	6.2	[4]7.8	6.4	6.1	[4]6.5					
Average per working day	do	.327	.270	.314	.254	.305	.325	.312	.311	.319	.307	.260					
Consuming 100 percent cotton	do	30.9	27.4	2.2	[4]2.7	[4]2.7	2.3	2.1	[4]2.7	2.2	2.1	[4]2.4					
Cotton cloth:																	
Cotton broadwoven goods over 12" in width:																	
Production (qtrly.)	mil. sq. yd	4,002	3,921		955			1,045			944						
Orders, unfilled, end of period, compared with average weekly production	no. weeks' prod	12.8	9.6	10.7	14.2	9.8	11.1	11.1	12.2	12.3	12.9						
Inventories, end of period, compared with avg. weekly production	no. weeks' prod	4.3	4.5	3.9	4.4	3.4	3.7	3.5	3.3	3.1	2.8						
Ratio of stocks to unfilled orders (at cotton mills), end of period		.34	.47	.36	.31	.29	.33	.31	.27	.25	.22						
Exports, raw cotton equiv. thous. net-weight	480 lb. bales	170.9	220.6	15.6	14.7	17.5	20.1	23.6	23.5	27.4	23.6	17.3					
Imports, raw cotton equivalent	do	1,053.2	491.9	98.9	100.2	116.4	109.1	128.9	116.6	106.5	104.9	127.1					
Producer Price Index, gray cotton broadwovens	12/75=100	158.4	155.6	155.6	155.7	155.1	154.4	153.8	153.6	154.1	154.1	154.5	r154.1	154.7	154.5	155.9	154.7
MANMADE FIBERS AND MANUFACTURES																	
Fiber production, qtrly:																	
Acetate filament yarn	mil. lb	198.2	204.6		48.9			54.3			54.7			54.1			
Rayon staple, including tow	do	389.2	352.7		94.1			95.1			99.7			103.4			
Noncellulosic, except textile glass:																	
Yarn and monofilaments	do	3,524.4	3,790.2		952.3			965.0			923.7			938.7			
Staple, incl. tow	do	3,947.3	3,773.3		973.0			972.7			979.5			1,000.9			
Textile glass fiber	do	1,394.0															
Fiber stocks, producers', end of period:																	
Acetate filament yarn	mil. lb	12.4	12.3		12.3			13.3			12.5			14.0			
Rayon staple, including tow	do	28.5	22.5		22.5			19.7			20.5			21.5			
Noncellulosic fiber, except textile glass:																	
Yarn and monofilaments	do	301.7	292.5		292.5			317.1			305.3			298.1			
Staple, incl. tow	do	352.7	311.8		311.8			332.3			330.5			308.5			
Textile glass fiber	do	210.0															
Manmade fiber and silk broadwoven fabrics:																	
Production(qtrly.), total #	mil. sq. yd	11,852.4	10,796.6		2,696.4												
Filament yarn (100%) fabrics #	do	4,947.8	4,754.9		1,229.9												
Chiefly rayon and/or acetate fabrics	do																
Chiefly nylon fabrics	do	579.0	371.8		84.5												
Spun yarn (100%) fabrics #	do	5,615.7	4,903.1		1,181.1												
Rayon and/or acetate fabrics, blends	do	112.9	36.5		9.0												
Polyester blends with cotton	do	4,317.7	3,844.0		920.9												
Acetate filament and spun yarn fabrics	do	1,057.0	866.6		212.2												
Producer Price Index, gray synthetic broadwovens	12/75=100	152.0	147.2	147.0	147.1	147.1	147.3	147.2	147.9	147.2	147.4	147.5	r145.9	145.4	144.4	144.2	144.6
Manmade fiber textile trade:																	
Exports, manmade fiber equivalent	mil. lbs	487.87	449.15	37.61	32.77	39.88	35.33	41.67	45.91	46.01	40.12	41.41					
Yarn, tops, thread, cloth	do	179.06	206.29	19.26	15.29	18.74	15.58	20.12	22.30	18.66	17.94						
Cloth, woven	do	109.40	124.87	12.50	8.27	10.12	9.34	10.72	10.91	13.32	10.85						
Manufactured prods., apparel, furnishings	do	308.81	242.86	18.34	17.48	21.14	19.76	21.55	23.61	26.83	22.18	22.75					
Imports, manmade fiber equivalent	do	1,342.57	1,491.03	122.32	114.33	142.31	130.04	132.47	125.18	147.02	159.71	179.65					
Yarn, tops, thread, cloth	do	227.46	268.06	21.70	18.77	23.88	23.39	28.00	7.00	27.47	29.13	30.94	32.96				
Cloth, woven	do	154.95	186.20	14.63	12.92	16.91	15.91	19.65	18.69	20.31	21.43	22.14					
Manufactured products, apparel, furnishings	do	1,115.10	1,222.97	100.62	95.57	117.89	128.77	146.70	97.71	146.70	128.77						
Apparel, total	do	687.47	800.10	61.87	59.30	74.40	70.34	67.74	61.64	106.13	88.51						
Knit apparel	do	270.57	334.76	25.54	22.27	27.82	27.13	26.92	28.05	56.12	45.72						
WOOL AND MANUFACTURES																	
Wool consumption, mill (clean basis):																	
Apparel class	mil. lb	129.0	106.1	8.8	[4]8.9	[4]12.6	11.1	11.6	[4]13.5	10.8	11.4	[4]12.3	9.9	10.0	[4]11.8		
Carpet class	do	13.1	10.6	.7	[4].7	[4]1.1	.8	.8	[4].9	.9	.6	[4].9	1.0	1.0	[4]1.0		
Wool imports, clean yield	do	94.2	79.5	5.5	8.0	10.2	8.8	7.6	7.5	8.0	8.6	7.0	6.3	7.0	5.0	9.2	
Duty-free	do	30.9	29.3	1.7	2.4	2.5	2.5	2.0	2.8	2.2	2.4	2.8	3.0	2.8	1.8	3.3	
Wool prices, raw, shorn, clean basis, delivered to U.S. mills:																	
Domestic—Graded territory, 64's, staple 2¾" and up	dollars per lb	2.28	1.92	1.93	1.93	1.93	1.89	1.80	1.88	1.98	1.98	1.93	1.90	1.90	1.90	1.90	1.90
Australian, 64's, Type 62, duty-paid	do	2.63	2.19	2.17	2.22	2.31	2.29	2.31	2.38	2.52	2.42		2.30	2.24	2.30	2.40	2.50
Wool broadwoven goods, exc. felts:																	
Production (qtrly.)	mil. sq. yd	159.4	138.3		34.0			37.7			38.8						
FLOOR COVERINGS																	
Carpet, rugs, carpeting (woven, tufted, other), shipments, quarterly	mil. sq. yds	1,114.9	1,159.2		287.7												
APPAREL																	
Women's, misses', juniors' apparel cuttings:																	
Coats	thous. units	12,242	10,540	774	508	449	515	626	693	619	903	1,001					
Dresses	do	158,968	152,060	10,280	10,327	14,324	13,134	13,776	14,085	10,545	9,966	8,545					
Suits (incl. pant suits, jumpsuits)	do	11,433	10,986	1,172	1,087												
Skirts	do	97,529	93,577	7,200	6,870	8,693	8,671	9,120	8,574	7,484	7,524	7,115					
Slacks, jeans, dungarees, and jean-cut casual slacks *	do	250,502	242,442	20,126	16,614	21,330	19,127	17,976	18,540	19,933	19,333	16,486					
Blouses	thous. dozen	33,940	31,234	2,554	2,088	2,620	2,530	2,425	2,504	2,232	2,549	2,493					

See footnotes at end of tables.

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984	Units	Annual		1985		1986											
		1984	1985	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
TEXTILE PRODUCTS—Continued																	
APPAREL—Continued																	
Men's apparel cuttings:																	
Suits	thous. units	12,543	12,403	1,042	893	984	959	888	1,002	987	822	597					
Coats (separate), dress and sport	do	20,864	19,794	1,615	1,288	1,550	1,516	1,503	1,662	1,485	1,620	1,423					
Trousers (separate), dress	do	122,965	116,413	9,080	7,219	10,188	10,166	10,338	10,551	9,138	8,165	7,707					
Slacks (jean cut), casual	do	179,496	186,355	17,678	12,763	16,035	15,949	12,599	12,917	13,758	16,492	13,479					
Shirts, dress and sport	thous. doz	40,783	40,363	3,523	3,041	3,755	3,890	4,072	4,421	4,019	3,759	3,350					
Hosiery, shipments	thous. doz. pairs	309,357	308,660	28,412	22,891	24,239	24,442	25,537	28,452	23,734	25,127	27,870	25,029	23,817	30,818	29,989	
TRANSPORTATION EQUIPMENT																	
AEROSPACE VEHICLES																	
Orders, new (net), qtrly, total	mil. $	[3]104,863	110,450														
U.S. Government	do	[3]66,968	69,722														
Prime contract	do	[3]101,556	107,915														
Sales (net), receipts, or billings, quarterly, total	do	[3]88,941	100,144														
U.S. Government	do	[3]55,777	63,515														
Backlog of orders, end of period #	do	[3]132,507	142,813														
U.S. Government	do	[3]85,626	91,333														
Aircraft (complete) and parts	do	[3]56,587	62,553														
Engines (aircraft) and parts	do	[3]13,602	13,638														
Missiles, space vehicle systems, engines, propulsion units, and parts	mil. $	[3]17,823	18,192														
Other related operations (conversions, modifications), products, services	mil. $	[3]17,881	19,091														
Aircraft (complete);																	
Shipments †	do	7,911.5	10,939.9	694.5	2,181.3	755.3	819.7	1,337.2	925.5	1,138.7	1,063.0	1,134.2	994.1	r796.0	1,239.4		
Airframe weight †	thous. lb	33,450	40,872	2,643	7,306	(5)											
Exports, commercial	mil. $	3,989	6,252	440	798	201	575	921	531	443	718	720	578	493	882	476	
MOTOR VEHICLES (NEW)																	
Passenger cars:																	
Factory sales (from U.S. plants):																	
Total	thous	7,621	8,002	658	540	713	675	655	713	685	706	505	426	637	684		(2)
Domestic	do	7,030	7,337	601	499	662	618	590	647	615	630	466	401	581	627		
Retail sales, total, not seas. adj	do	10,394	11,039	762	812	870	832	897	972	1,072	1,001	954	952	1,217	906	783	[6]992
Domestics §	do	7,952	8,205	516	558	636	613	649	720	786	736	649	673	925	633	521	673
Imports §	do	2,442	2,834	247	254	234	219	248	252	286	265	305	279	292	273	262	[6]319
Total, seas. adj. at annual rate	mil			10.0	11.3	11.4	10.8	9.8	11.2	11.4	[6]11.1	10.7	12.7	16.1	10.3	10.5	r13.6
Domestics §	do			6.7	8.0	8.5	8.0	7.0	8.0	8.2	[6]8.2	7.4	9.4	12.3	7.0	7.0	9.6
Imports §	do			3.2	3.3	2.9	2.8	2.8	3.2	3.1	[6]2.9	3.3	3.4	3.8	3.3	3.5	[6]4.0
Retail inventories, domestics, end of period: §																	
Not seasonally adjusted	thous	1,415	1,630	1,606	1,630	1,763	1,867	1,907	1,945	1,867	1,860	1,726	1,557	1,293	1,413	1,537	1,499
Seasonally adjusted	do	1,411	1,603	1,588	1,603	1,685	1,741	1,796	1,809	1,755	[6]1,733	1,696	1,548	1,178	1,294	r1,376	1,274
Inventory-retail sales ratio, domestics §		2.1	2.3	2.8	2.4	2.4	2.6	3.1	2.7	2.6	[6]2.5	2.7	2.0	1.1	2.2	2.3	1.6
Exports (BuCensus), total	do	613.66	701.16	59.19	42.25	57.26	63.52	69.63	73.01	58.90	80.32	39.18	20.62	59.52	50.50	54.20	
To Canada	do	589.30	677.19	56.75	39.36	55.42	61.99	66.50	70.22	56.99	77.72	36.68	18.97	59.01	45.95	49.95	
Imports (ITC), complete units	do	3,559.4	4,394.9	410.5	429.3	395.2	351.5	381.0	380.9	410.4	460.8	435.7	328.9	322.5	393.1		
From Canada, total	do	[1]1,067.4	1,146.3	106.9	100.0	89.8	95.4	104.2	117.8	110.4	113.7	52.2	60.0	97.5	104.4	120.7	
Registrations ◊, total new vehicles	do	10,129	[1]10,889	828	849	913	822	848	906	918	1,012	934	894	1,149	948	719	
Imports, including domestically sponsored	do	2,524	[1]3,011	284	294	277	236	259	266	260	272	284	298	317	301	263	
Trucks and buses:																	
Factory sales (from U.S. plants):																	
Total	do	3,075	3,357	276	242	294	280	281	308	298	299	251	264	318	306		(2)
Domestic	do	2,884	3,126	255	220	274	262	258	281	272	273	234	247	295	279		
Retail sales, domestics: *																	
Total, not seasonally adjusted	do	3,485.4	3,913.2	303.0	318.8	283.0	282.2	318.2	340.3	377.2	359.1	328.0	320.8	430.9	296.5	260.8	
0-10,000 lbs. GVW	do	3,207.2	3,618.3	283.1	291.3	262.2	264.7	295.0	315.0	354.1	333.9	304.0	299.1	407.9	271.9	241.5	
10,001 lbs. GVW and over	do	278.2	294.8	19.9	27.5	20.8	17.4	23.1	25.3	23.2	25.3	24.0	21.6	23.1	24.7	19.3	
Total, seasonally adjusted	do			339.2	349.4	299.1	298.4	266.8	310.7	332.5	330.0	314.2	405.8	454.7	301.4	293.8	
0-10,000 lbs. GVW	do			313.7	321.9	277.4	277.7	244.6	287.9	310.7	306.3	292.7	383.3	431.9	277.9	268.4	
10,001 lbs. GVW and over	do			25.5	27.5	21.6	20.7	22.2	22.8	21.8	23.8	21.5	22.5	22.8	23.5	25.4	
Retail inventories, including captive imports, end of period:																	
Not seasonally adjusted	do	782.8	827.6	872.1	827.6	907.5	959.8	976.5	1,006.3	991.1	984.0	935.9	923.3	840.8	881.6	905.2	
Seasonally adjusted @	do	802.0	849.2	854.5	849.2	[4]881.1	936.4	958.3	989.5	973.6	958.1	1,010.7	964.8	860.6	875.5	885.7	
Exports (BuCensus)	do	153.38	185.27	17.94	16.31	15.51	15.47	16.66	20.68	30.05	20.23	13.62	7.18	23.28	19.44	15.47	
Imports (BuCensus), including separate chassis and bodies	thous	[1]1,082.08	1,308.94	113.35	116.58	140.09	109.41	134.15	130.22	117.66	131.18	138.47	124.20	80.18	94.75	115.73	
Registrations ◊, new vehicles, excluding buses not produced on truck chassis	thous	4,049	[1]4,675	385	405	374	345	370	401	407	434	405	397	483	415	320	
Truck trailers and chassis, complete (excludes detachables), shipments ††	number	213,911	175,152	14,435	16,364	13,091	11,719	14,776	15,072	15,760	15,315	14,309	14,920	r16,014	14,916		
Van type ††	do	159,931	124,556	10,840	12,182	9,122	8,266	10,779	10,696	11,412	11,444	10,906	11,572	r12,571	11,144		
Trailer bodies (detachable), sold separately ††	do	1,054	252	10	9	22	14	64	52	66	81	55	71	53	64		
Trailer chassis (detachable), sold separately ††	do	24,205	11,286	1,082	374	845	568	415	567	430	771	380	352	342	620		
RAILROAD EQUIPMENT																	
Freight cars (new), for domestic use; all railroads and private car lines (excludes rebuilt cars and cars for export):																	
Shipments	number	[1]12,396	[1]12,080	910	714	443	544	574	607	827	999	1,247	1,161	1,134	1,132	886	
Equipment manufacturers	do	[1]12,396	[1]11,674	910	714	443	544	574	607	827	999	1,247	1,161	1,134	1,132	886	
New orders	do	15,460	[1]9,510	350	558	500	1,425	1,252	1,850	955	485	797	1,081	1,096	723	668	
Equipment manufacturers	do	15,054	[1]9,510	350	558	500	1,425	1,252	1,850	955	485	797	1,081	1,096	723	668	
Unfilled orders, end of period	do	5,154	1,759	1,834	1,759	1,816	2,697	3,375	4,618	4,746	4,232	3,782	3,702	3,664	3,255	3,037	
Equipment manufacturers	do	4,748	1,759	1,834	1,759	1,816	2,697	3,375	4,618	4,746	4,232	3,782	3,702	3,664	3,255	3,037	
Freight cars (revenue), class I railroads(AAR): ‡																	
Number owned, end of period	thous	948	867	869	867	862	857	850	842	836	829	825	822	817	811	808	
Capacity (carrying), total, end of month	mil. tons	78.13	72.17	r72.30	72.17	71.77	71.36	70.98	70.41	69.92	69.44	68.97	68.71	68.36	68.04	67.90	
Average per car	tons	82.40	83.23	r83.19	83.23	83.27	82.30	83.49	83.62	83.68	83.74	83.56	83.60	83.72	83.94	84.03	

See footnotes at end of tables.

Data for the series shown in the S (or "blue") pages of the SURVEY OF CURRENT BUSINESS are now available on diskette.
See page S-36 for details.

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. The estimates of personal income have been revised as a part of the annual revision of the national income and product accounts (NIPA's) released in July 1986 and as part of the comprehensive revision of the NIPA's released in 1985. Articles describing those revisions appear in the July 1986 and December 1985 issues of the SURVEY. See tables 2.6-2.9 in the July 1986 SURVEY for revised estimates for 1983-85. Pre-1983 estimates appear in *The National Income and Product Accounts of the United States, 1929-82: Statistical Tables.* For order information see the box at the beginning of the National Income and Product Accounts Tables in this issue of the SURVEY.

‡ Includes inventory valuation and capital consumption adjustments.

§ 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.

◇ See note "◇" for p. S-2.

Page S-2

1. Based on data not seasonally adjusted.

◇ Effective with Sept. 1986 SURVEY, the industrial production index has been revised back to Jan. 1984. These revisions are available upon request.

Includes data not shown separately.

† See note "†" for p. S-8.

‡ See note "‡" for p. S-8.

§ Revised series. Data for inventories are available from 1959; sales and ratios 1967 forward. Revisions are available upon request.

Page S-3

Includes data for items not shown separately.

† See note "†" for p. S-8.

‡ See note "‡" for p. S-8.

§ See note "§" for p. S-2.

Page S-4

1. Based on data not seasonally adjusted.

Includes data for items not shown separately.

‡ Includes textile mill products, leather and products, paper and allied products, and printing and publishing industries; unfilled orders for other nondurable goods industries are zero.

◇ For these industries (food and kindred products, tobacco, apparel and other textile products, petroleum and coal, chemicals and allied products, and rubber and plastics products) sales are considered equal to new orders.

Page S-5

1. Based on unadjusted data.

2. Effective with the Mar. 1986 SURVEY, the reporting frequency has been changed from monthly to 3-month intervals.

@ Compiled by Dun & Bradstreet, Inc. Monthly data from 1984 to 1985 for failures and liabilities, are available upon request, but are not comparable to the earlier years. The failure annual rate data will be available at a later date.

Includes data for items not shown separately.

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

‡ See note "‡" for p. S-4.

† Effective with the July 1986 SURVEY, data (back to 1983, for some commodities) have been revised and are available upon request.

Page S-6

§ For producer price indexes of individual commodities, see respective commodities in the Industry section beginning p. S-19. All indexes subject to revision four months after original publication.

Includes data for items not shown separately.

† Effective with the Feb. 1986 SURVEY, data back to 1981 have been revised and are available upon request.

Page S-7

1. Computed from cumulative valuation total.

2. Index as of Jan. 1, 1987: building, 372.0; construction, 405.1.

Includes data for items not shown separately.

§ Data for Jan., May, July, and, Oct. 1986 are for five weeks; other months four weeks.

◇ Effective Feb. 1986 SURVEY, data for seasonally adjusted housing starts have been revised back to 1983. These revisions are available upon request.

† Effective May 1986 SURVEY, data for seasonally adjusted building permits have been revised back to Jan. 1984. These revisions are available upon request.

@ Effective July 1986 SURVEY, data have been revised. In addition to the normal revisions, a number of important changes have been made, including the elimination of the "Nonhousekeeping" residential category, which has been replaced for the most part by a new "Hotels and Motels" category in nonresidential buildings; the inclusion of residential major replacements in "Additions and Alterations," which is renamed "Improvements;" and significant historical revisions to estimates for one-unit residential buildings, railroads, electric, gas, and Federal industrial buildings. Due to these changes, much of the data have been revised back to 1964 and are available from the Construction Statistics Division at the Bureau of the Census, Washington, D.C. 20233.

‡ Effective July 1986 SURVEY, this index has been revised to a new comparison base of 1982=100. Revisions back to 1964 are available upon request.

Page S-8

1. Advance estimate.

* New series effective Sept. 1985 SURVEY. All activity reported on a gross basis (i.e., the entire amount of loan) including refinancings and combination construction—purchase loans. Revised data are now available back to Jan. 1984. Earlier data will be available later.

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

§ Data include guaranteed direct loans sold.

† Effective April 1986 SURVEY, wholesale trade data have been revised back to Jan. 1976. Revised data and a summary of changes appear in the report *Revised Monthly Wholesale Trade Sales and Inventories* BW-13-85S, available from the Bureau of the Census, Washington, D.C. 20233; $2.50 per copy.

‡ Effective April 1986 SURVEY, retail trade data have been revised. Estimates of retail sales have been revised back to Jan. 1983 and estimates of retail inventories have been revised back to Jan. 1978. Revised data and a summary of changes appear in the report *Revised Monthly Retail Sales and Inventories* BR-13-85S, available from the Bureau of the Census, Washington, D.C. 20233; $3.00 per copy.

Includes data for items not shown separately.

Page S-9

1. Advance estimate.

2. Data beginning Jan. 1986 are not strictly comparable with earlier data because of a change in estimation procedures.

‡ See note "‡" for p. S-8.

Includes data for items not shown separately.

◇ Effective with the January 1987 SURVEY, the seasonally adjusted labor force series have been revised back to January 1982. The January 1987 issue of *Employment and Earnings* contains the new seasonal adjustment factors, a description of the current methodology, and revised data for the most recent 13 months or calendar quarters. Revised monthly data for the entire 1982-86 revision period will appear in the February 1987 issue of *Employment and Earnings.*

† The participation rate is the percent of the civilian noninstitutional population in the civilian labor force. The employment-population ratio is civilian employment as a percent of the civilian noninstitutional population, 16 years and over.

@ Data include resident armed forces.

Page S-10

◇ See note "◇" for p. S-9.

§ Effective June 1986 SURVEY, data have been revised back to April 1984 (not seasonally adjusted) and January 1981 (seasonally adjusted) to reflect new benchmarks and seasonal adjustment factors. The June 1986 issue of *Employment and Earnings* will contain a detailed discussion of the effects of the revisions.

Page S-11

‡ 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.

§ See note"§" for p. S-10.

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.

§ See note "§" for 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 Jan. 1, 1987: Common, $16.66; Skilled, $21.83.

@ New series. The Employment Cost Index (ECI) is a quarterly measure of the average change in the cost of employing labor. See p. S-36 of the August through October 1984 issues of the SURVEY for a brief description of the ECI.

† Excludes farm, household, and Federal workers.

‡‡ See note "‡" for p. S-11.

Page S-13

1. Average for Dec.
2. Reported annual; monthly revisions are not available.

‡ Effective January 1984, series revised due to changes in the reporting panel and in the item contents. The new panel includes 168 banks that had domestic office assets exceeding $1.4 billion as of December 31, 1982. Beginning Jan. 1985, data are as of the last Wednesday of the month. Earlier data are as of the Wednesday nearest the end of the month or year (meaning some data are as of the first Wednesday of the next month).

Includes data for items not shown separately.

‡‡ Reflects offsetting changes in classification of deposits of thrift institutions. Deposits of thrifts were formerly grouped with deposits of individuals, partnerships, and corporations, instead of with deposits of commercial banks in the United States.

* "Transaction balances other than demand deposits" consists of ATS, NOW, super NOW, and telephone transfer accounts, which formerly were classified with savings deposits. "Nontransaction balances" reflects the combination of deposits formerly reported separately as time deposits and the savings deposits remaining after deduction of the items now reported separately under "transaction balances."

§ Excludes loans and federal funds transactions with domestic commercial banks and includes valuation reserves (individual loan items are shown gross; i.e., before deduction of valuation reserves).

◇ Securities of Federal agencies and corporations have been shifted out of "other securities" and are now combined with U.S. Treasury securities. Also, loan obligations of States and political subdivisions have been shifted out of "other securities" and are now shown separately among the loan items.

@ Insured unemployment (all programs) data include claims filed under extended duration provisions of regular State laws; amounts paid under these programs are excluded from state benefits paid data.

@@ Insured unemployment as a percent of average covered employment in a 12-month period.

Page S-14

1. Data are for fiscal years ending Sept. 30 and include revisions not distributed to the months.
2. Weighted by number of loans.

† Effective with Apr. 1986 SURVEY, the consumer installment credit series have been revised for the period 1975 through 1985 to reflect newly available historical information for financial institutions and retailers, and to incorporate new seasonal adjustment factors.

* New series. Effective with Apr. 1986 SURVEY, data for savings institutions (includes savings and loan associations, mutual savings banks, and federal savings banks) are shown for the first time.

Includes data for items not shown separately.

◇ 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.

‡‡ Courtesy of *Metals Week*.

@@ Average effective rate

§ Effective July 1986 SURVEY, data have been revised back to Dec. 1972 and are available from the Banking Section, Division of Research and Statistics, Board of Governors of the Federal Reserve System, Washington, D.C. 20551.

Page S-15

† Effective Feb. 1986 SURVEY, the money stock measures and components have been revised and are available from the Banking Section of the Division of Research and Statistics at the Federal Reserve Board, Washington, D.C. 20551.

‡ Composition of the money stock measures is as follows:

M1.—This measure is currency plus demand deposits at commercial banks and interest-earning checkable deposits at all depository institutions—namely NOW accounts, automatic transfer from savings (ATS) accounts, and credit union share draft balances—as well as a small amount of demand deposits at thrift institutions that cannot, using present data sources, be separated from interest-earning checkable deposits.

M2.—This measure adds to M1 overnight repurchase agreements (RP's) issued by commercial banks and certain overnight Eurodollars (those issued by Caribbean branches of member banks) held by U.S. nonbank residents, money market mutual fund shares, and savings and small-denomination time deposits (those issued in denominations of less than $100,000) at all depository institutions. Depository institutions are commercial banks (including U.S. agencies and branches of foreign banks, Edge Act corporations, and foreign investment companies), mutual savings banks, savings and loan associations, and credit unions.

M3.—This measure equals M2 plus large-denomination time deposits (those issued in denominations of $100,000 or more) at all depository institutions (including negotiable CD's) plus term RP's issued by commercial banks and savings and loan associations.

L.—This broad measure of liquid assets equals M3 plus other liquid assets consisting of other Eurodollar holdings of U.S. nonbank residents, bankers acceptances, commercial paper, savings bonds, and marketable liquid Treasury obligations.

‡‡ Includes ATS and NOW balances at all depository institutions, credit union share draft balances, and demand deposits at thrift institutions.

◇ 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.

Page S-16

1. The Aaa public utility average was suspended Jan. 17, 1984, because of a lack of appropriate issues. The average corporate and the Aaa corporate do not include Aaa utilities from Jan. 17 to Oct. 12. The Aaa utility average was reinstated on Oct. 12; the Oct. monthly average includes only the last 14 days of the month.
2. Effective with Jan. 1986 data, the practice of adjusting exports and imports for seasonal and working-day variations was discontinued.

§ Number of issues represents number currently used; the change in number does not affect the continuity of the series.

‡ For bonds due or callable in 10 years or more.

Includes data for items not shown separately.

@ Data may not equal the sum of the geographic regions, or commodity groups and principal commodities, because of revisions to the totals not reflected in the component items.

Page S-17

1. See note 2 for p. S-16.

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. Annual total; quarterly or monthly revisions are not available.
2. Restaurant sales index data represent hotels and motor hotels only.
3. For month shown.

Includes data for items not shown separately.

§ Total revenues, expenses, and income for all groups of carriers also reflect nonscheduled service.

‡ The threshold for Class I railroad status is adjusted annually by the Interstate Commerce Commission to compensate for inflation.

◇ Average daily rent per room occupied, not scheduled rates.

Data represent entries to a national park for recreational use of the park, its services, conveniences, and/or facilities.

† Before extraordinary and prior period items.

Page S-19

1. Reported annual total; monthly revisions are not available.
2. For month shown.
3. Less than 500 short tons.

Includes data for items not shown separately.

§ Data are reported on the basis of 100 percent content of the specified material unless otherwise indicated.

* New series. Access lines are a communication circuit that connects a customer location to a switching center.

@ Because of deregulation, carriers are free to enter both domestic and international markets. Previously, carriers were limited either to domestic or overseas markets. Separate data for domestic or overseas are no longer available.

‡ Data for 1984 (and for some commodities, 1985 and 1983) have been revised and are available upon request.

† Effective with 1985, data are reported on the basis of 100 percent content of ethyl acetate material.

◇ Beginning January, 1986, data are not directly comparable to earlier periods because the data represent only companies that have annual revenues over $100 million.

Page S-20

1. Reported annual total; monthly or quarterly revisions are not available.

§ Data are not wholly comparable from year to year because of changes from one classification to another.

◇ Data for 1982-85 have been revised and are available upon request.

† Effective with the Nov. 1985 SURVEY, data for 1983-84 have been revised. Effective with the Nov. 1986 SURVEY, data for 1985 have been revised. These revisions are available upon request.

Effective with the Sept. 1985 SURVEY, monthly data have been restated back to Jan. 1984 to include consumption for Hawaii. Prior to 1984, consumption for Hawaii is reflected in annual totals only.

‡ Revised data for 1983-84 (and 1981, for revenue from sales to ultimate customers) are available upon request.

* New series, first shown in the January 1987 SURVEY. Data (formerly included with the "industrial" class) are reported separately, beginning with 1st Qtr. 1985.

@ Includes less than 500 electric generation customers not shown separately.

Page S-21

1. Previous year's crop. Through 1985, new crop is not reported until Oct. (crop year: Oct. 1-Sept. 30). Beginning 1986, new crop is reported beginning Sept. (crop year: Sept. 1-Aug. 31).
2. Crop estimate for the year.
3. Stocks as of June 1.
4. Stocks as of June 1 and represents previous year's crop; new crop not reported until June (beginning of new crop year).
5. Less than 50,000 bushels.
6. See note "@" for this page.
7. Reported annual total; revisions not distributed to the months.
8. Based on a 10-month average.
9. Crop estimate for 1986.
10. Beginning with 1986, quarterly stock estimates are no longer available. However, June 1 stock estimates, representing previous year's crop, will continue to be published.
11. Effective with Apr. 1986 reporting, coverage has been reduced to 21 selected States, representing approximately 85 percent of U.S. production.

§ Excludes pearl barley.
# Bags of 100 lbs.
@ Data are quarterly except for June (covering Apr. and May) and Sept. (covering June-Sept.).

Page S-22

1. Reported annual total; revisions not distributed to the months.
2. Figure covers 20 selected States, representing approximately 84 percent of U.S. production.

§ Cases of 30 dozen.
◇ Bags of 60 kilograms.
* This series, first shown in the January 1987 SURVEY, is from the Bureau of Labor Statistics International Price Program and provides a measure of price change for coffee purchased from other countries by U.S. residents. Prices are based on the cost, insurance, and freight (c.i.f.) value at the U.S. port of importation; they include the other costs associated with bringing the product to the U.S. border, but do not include duty charges. To the extent possible, the data gathered refer to transactions completed during the first 2 weeks of the third month of each calendar quarter—March, June, September, and December. Annual data back to 1978 and quarterly data back to 2d Qtr. 1977 are available upon request.

Page S-23

1. Crop estimate for the year.
2. Reported annual total; revisions not distributed to the months.
3. Crop estimate for 1986.

Totals include data for items not shown separately.
◇ Effective Sept. 1985 SURVEY, the footwear production series have been revised for 1983 and 1984.

Page S-24

1. Annual data; monthly revisions not available.
2. Less than 500 tons.
3. Beginning January 1985, data have been revised because of a new estimation procedure and may not be comparable to earlier periods.
4. See notes 1 and 3 for this page.

* New series. Historical data are available upon request.

Page S-25

1. Annual data; monthly revisions are not available.
2. For month shown.

† Beginning January 1982, data represent metallic (mostly aluminum) content. Data for 1981 and prior years represent aluminum content only.
◇ The source for these series is now the Bureau of Mines.
§ Source: *Metals Week*.
* New series. Refined copper is recovered from leach solution by electrolysis.

Page S-26

1. Annual data; monthly revisions are not available.
2. Less than 50 tons.
3. Beginning 1st quarter 1984, data have been revised because of a new sample and may not be comparable to earlier periods.
4. Average for 8 months; no data for March, April, September, and October.
5. Average for 10 months; no data for November and December.
6. Beginning July 1986, data are not comparable with earlier periods.

◇ Includes secondary smelters' lead stocks in refinery shapes and in copper-base scrap.
@ All data (except annual production figures) reflect GSA remelted zinc and zinc purchased for direct shipment.
‡ Source for monthly data: American Bureau of Metal Statistics. Source for annual data: Bureau of Mines.
# Includes data not shown separately.
§ Beginning with the Aug. 1985 SURVEY, unadjusted fluid power shipments indexes are shown. Seasonally adjusted indexes are no longer available.
* New series. For an explanation of material handling equipment shipments and historical data, see p. S-35 of the Dec. 1985 SURVEY.

Page S-27

1. Data are for five weeks; other months 4 weeks.
2. Beginning January 1986, data have been restated because a new methodology has been adopted.

Includes data for items not shown separately.
§ Includes nonmarketable catalyst coke.
◇ Includes small amounts of "other hydrocarbons and alcohol new supply (field production)," not shown separately.
† Effective with the Oct. 1985 SURVEY, coal production data for 1984 have been revised. Effective with the July 1986 SURVEY, coal consumption and stocks for 1985 have been revised. Effective with the Oct. 1986 SURVEY, coal production data for 1985 have been revised. These revisions are available upon request.
@ Includes U.S. produced and imported microwave ovens and combination microwave oven/ranges.
‡ "Tractor shovel loaders" includes some front engine mount wheel tractors that had previously been included in "Tractors, wheel, farm, and nonfarm."
@@ Effective with the July 1986 SURVEY, data for 1985 have been revised and are available upon request.

Page S-28

1. Reported annual totals; revisions not allocated to the months.
2. Effective with the Jan. 1985 price, gasoline that contains alcohol as an additive is included.

Includes data for items not shown separately.
† Except for price data, see note "@@" for p. S-27.
‡ Effective with June 1985, indexes reflect price movements through the middle of the month for which they are shown. Indexes prior to June 1985 were based on prices for the previous month; reflecting a one-month lag in pricing.

Page S-29

1. See note 1 for p. S-28.

◇ Source: American Paper Institute. Total U.S. estimated consumption by all newspaper users.
Compiled by the American Newspaper Publishers Association.
* New series. This index is from the Bureau of Labor Statistics International Price Program and provides a measure of price change for natural rubber purchased from other countries by U.S. residents. The data gathered refer to prices that are "free on board" (f.o.b.) foreign port. The prices refer to transactions completed during the first 2 weeks of the third month of each calendar quarter—March, June, September, and December. Data back to December 1983 are available upon request.

Page S-30

1. Reported annual total; revisions not allocated to the months.
2. Crop for the year.
3. Data cover five weeks; other months, four weeks.
4. Beginning with 1985, value of shipments for rolled and wire glass is excluded. Comparable data for 1984 and earlier periods, which exclude such shipments, are not available.

Includes data for items not shown separately.
◇ Cumulative ginnings to the end of month indicated.
§ Bales of 480 lbs.
‡ Monthly revisions for 1984-85 are available upon request.
† Monthly revisions for 1985 are available upon request.
* New series, first shown in the Oct. 1986 SURVEY. Monthly indexes are available back to Dec. 1984.
** New series, first shown in the January 1987 SURVEY. Monthly data are available back to Jan. 1985.

Page S-31

1. Less than 500 bales.
2. Annual total includes revisions not distributed to the months.
3. Average for crop year; Aug. 1-Jul. 31.
4. For five weeks; other months four weeks.

◇ 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.
§ Bales of 480 lbs..
* New series.

Page S-32

1. Annual total includes revisions not distributed to the months.
2. Production of new vehicles (thous. of units) for Dec. 1986: *passenger cars*, 587; *trucks and buses*, 248.
3. Effective with 1984, data are reported on an annual basis only. The annual/end of year figure for 1982 has been revised and is available upon request.
4. See note "@" for this page.
5. Data are no longer available.
6. Effective with the July 1986 SURVEY, data have been revised back to 1984 and are available upon request.

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. Imports comprise all other cars.
◇ Courtesy of R.L. Polk & Co.; republication prohibited. Because data for some states are not available, month-to-month comparisons are not strictly valid.
‡ Excludes railroad-owned private refrigerator cars and private line cars.
† Monthly revisions for 1984-85 are available upon request.
@ Effective with the Feb. 1986 SURVEY, retail inventories of trucks and buses have been revised back to 1967. These revisions, which were made to reflect updated factors, are shown on p. S-35 of the Feb. 1986 SURVEY.
* New series. GVW: gross vehicle weight. For an explanation of methodology and historical data for retail sales of trucks and buses, see p. S-36 of the July 1986 SURVEY.
†† Data for 1983-85 have been revised and are available upon request.

S-page Data Diskette

Current data for the series shown in the S (or "blue") pages of the SURVEY OF CURRENT BUSINESS are available on diskette. The diskettes are available monthly on a subscription basis. Each month's diskette contains data for the time period shown in the associated issue of the SURVEY. A diskette containing index files is included with the subscription.

Diskette specifications:
- -- ASCII file format (can be imported into Lotus 1-2-3[1])
- -- 9 sector, double sided, double density
- -- 5 1/4 inch diameter diskette
- -- Copied using MS-DOS 2.1
- -- Documentation included on diskette

Diskettes are available for $240 per year (12 updates) by first-class mail or by pickup at the Bureau of Economic Analysis (BEA), room 716, 1401 K Street, NW, Washington, DC. The diskette will be available by noon on these dates in 1987: Feb. 2, Mar. 2, Mar. 30, Apr. 27, June 1, June 29, Aug. 3, Aug. 31, Sept. 28, Nov. 2, Nov. 30, Dec. 28. Express and foreign delivery are available at extra charge.

For more information, write to the Current Business Analysis Division (BE-53), Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230.

To order a 12-month subscription, complete and return the form below.

- -

S-page Data Diskette

Subscriber:

Name ______________________________

Organization ______________________________

Address ______________________________

City, State, Zip Code ______________________________

Telephone (________)______________________________

Method of distribution: (check one)

☐ First-class mail, $240 + ____________ foreign postage (if applicable)[2]

☐ Pickup at BEA, $240

☐ DHL Express, $240 + $36 + ____________ foreign shipping (if applicable)[2]

Make check or money order payable to: Economic and Statistical Analysis/BEA. (Payment must accompany order.)

Send to: Economic and Statistical Analysis/BEA
U.S. Department of Commerce
Citizens and Southern National Bank
222 Mitchell Street
P.O. Box 100606
Atlanta, Georgia 30384

1. Lotus 1-2-3 is a trademark of Lotus Development Corporation.
2. Foreign postage and shipping rates available on request from BEA at the address provided above.

171-530 (36)

INDEX TO CURRENT BUSINESS STATISTICS, Pages S1–S36

SECTIONS

General:

Business indicators ... 1–5
Commodity prices ... 5, 6
Construction and real estate ... 7, 8
Domestic trade ... 8, 9

Labor force, employment, and earnings ... 9–13
Finance ... 13–16
Foreign trade of the United States ... 16–18
Transportation and communication ... 18, 19

Industry:

Chemicals and allied products ... 19, 20
Electric power and gas ... 20
Food and kindred products; tobacco ... 20–23
Leather and products ... 23

Lumber and products ... 23, 24
Metals and manufacturers ... 24–27
Petroleum, coal, and products ... 27, 28
Pulp, paper, and paper products ... 28, 29

Rubber and rubber products ... 29
Stone, clay, and glass products ... 30
Textile products ... 30–32
Transportation equipment ... 32

Footnotes ... 33–35

INDIVIDUAL SERIES

Advertising ... 8, 12
Aerospace vehicles ... 32
Agricultural loans ... 13
Air carrier operations ... 18
Air conditioners (room) ... 27
Aircraft and parts ... 4, 32
Alcohol, denatured and ethyl ... 19
Alcoholic beverages ... 8, 20
Aluminum ... 25
Apparel ... 2, 4–6, 8–12, 31, 32
Asphalt ... 28
Automobiles, etc ... 2–4, 6, 8, 9, 14, 15, 17, 32

Banking ... 13, 14
Barley ... 21
Battery shipments ... 27
Beef and veal ... 22
Beverages ... 8, 17, 20
Blast furnaces, steel mills ... 3–5
Bonds, prices, sales, yields ... 15, 16
Brick ... 30
Building and construction materials ... 2, 4, 5
Building costs ... 7
Building permits ... 7
Business incorporation (new), failures ... 5
Business sales and inventories ... 2, 3
Butter ... 21

Carpets ... 31
Cattle and calves ... 22
Cement ... 30
Chain-store sales, firms with 11 or more stores (retail trade) ... 9
Cheese ... 21
Chemicals ... 2–4, 10–12, 15, 17, 19, 20
Cigarettes and cigars ... 23
Clay products ... 2–4, 30
Clothing (see apparel)
Coal ... 2, 27
Cocoa ... 22
Coffee ... 22
Coke ... 27
Combustion, atmosphere, heating equipment ... 26
Communication ... 15, 19
Construction:
Contracts ... 7
Costs ... 7
Employment, unemployment, hours, earnings ... 10–12
Housing starts ... 7
New construction put in place ... 7
Consumer credit ... 14
Consumer goods output, index ... 1, 2
Consumer Price Index ... 5, 6
Copper and copper products ... 25, 26
Corn ... 21
Cost of living (see Consumer Price Index) ... 5, 6
Cotton, raw and manufactures ... 5, 30, 31
Credit, commercial bank, consumer ... 14
Crops ... 5, 21, 23, 30
Crude oil ... 3, 27
Currency in circulation ... 15

Dairy products ... 5, 21
Debt, U.S. Government ... 14
Deflator, PCE ... 1
Department stores, sales, inventories ... 9
Deposits, bank ... 13, 15
Dishwashers and disposers ... 27
Disposition of personal income ... 1
Distilled spirits ... 20
Dividend payments ... 1, 15
Drugstores, sales ... 8, 9
Earnings, weekly and hourly ... 12
Eating and drinking places ... 8, 9
Eggs and poultry ... 5, 22
Electric power ... 2, 20
Electrical machinery and equipment ... 2–5, 10–12, 15, 27
Employee-hours, aggregate, and indexes ... 11
Employment and employment cost ... 10–12
Exports (see also individual commodities) ... 16–18

Failures, industrial and commercial ... 5
Farm prices ... 5, 6
Fats and oils ... 17
Federal Government finance ... 14
Federal Reserve banks, large commercial ... 13
Federal Reserve member banks ... 13
Fertilizers ... 19
Fish ... 22
Flooring, hardwood ... 24
Flour, wheat ... 22
Food products ... 2–6, 8, 10–12, 15, 17, 20–23
Foreign trade (see also individual commod.) ... 16–18
Freight cars (equipment) ... 32
Fruits and vegetables ... 5
Fuel oil ... 6, 28
Fuels ... 2, 6, 17, 27, 28
Furnaces ... 27
Furniture ... 2, 6, 8–12

Gas, output, prices, sales, revenues ... 2, 6, 20
Gasoline ... 28
Glass and products ... 30
Glycerin ... 19
Gold ... 14
Grains and products ... 5, 21, 22
Grocery stores ... 9
Gypsum and products ... 30

Hardware stores ... 8
Heating equipment ... 26
Help-wanted advertising index ... 12
Hides and skins ... 6
Hogs ... 22
Home loan banks, outstanding advances ... 8
Home mortgages ... 8
Hotels, motor hotels and economy hotels ... 18
Hours, average weekly ... 11
Housefurnishings ... 2, 4, 6, 8, 9
Household appliances, radios, and television sets ... 27
Housing starts and permits ... 7

Imports (see also individual commodities) ... 17, 18
Income, personal ... 1
Income and employment tax receipts ... 14
Industrial production indexes:
By industry ... 1, 2
By market grouping ... 1, 2
Installment credit ... 14
Instruments and related products ... 2–4, 10–12
Interest and money rates ... 14
Inventories, manufacturers' and trade ... 3, 4, 9
Inventory-sales rates ... 3
Iron and steel ... 2, 15, 24, 25

Labor force ... 9, 10
Lamb and mutton ... 22
Lead ... 26
Leather and products ... 2, 6, 10–12, 23
Livestock ... 5, 22
Loans, real estate, agricultural, bank (see also Consumer credit) ... 8, 13
Lubricants ... 28
Lumber and products ... 2, 6, 10–12, 23, 24

Machine tools ... 26
Machinery ... 2–6, 10–12, 15, 17, 26, 27
Manufacturers' sales (or shipments), inventories, orders ... 3–5
Manufacturing employment, unemployment, production workers, hours, earnings ... 10–12
Manufacturing production indexes ... 1, 2
Meat animals and meats ... 5, 22
Medical care ... 6
Metals ... 2–6, 10–12, 15, 24–26
Milk ... 21
Mining ... 2, 10–12
Mobile homes, shipments, installment credit ... 7, 14
Monetary statistics ... 15
Money and interest rates ... 14
Money supply ... 15
Mortgage applications, loans, rates ... 8, 13, 14
Motor carriers ... 18
Motor vehicles ... 2–4, 6, 8, 9, 15, 17, 32

National parks, visits ... 18
Newsprint ... 29
New York Stock Exchange, selected data ... 16
Nonferrous metals ... 2, 4, 5, 15, 25, 26
Oats ... 21
Oils and fats ... 17
Orders, new and unfilled, manufacturers' ... 4, 5
Outlays, U.S. Government ... 14

Paint and paint materials ... 20
Paper and products and pulp ... 2–4, 6, 10–12, 15, 28, 29
Parity ratio ... 5
Passenger cars ... 2–4, 6, 8, 9, 15, 17, 32
Passports issued ... 18
Personal consumption expenditures ... 1
Personal income ... 1
Personal outlays ... 1
Petroleum and products ... 2–4, 10–12, 15, 17, 27, 28
Pig iron ... 24
Plastics and resin materials ... 20
Population ... 9
Pork ... 22
Poultry and eggs ... 5, 22
Price deflator, implicit (PCE) ... 1
Prices (see also individual commodities) ... 5, 6
Printing and publishing ... 2, 10–12
Private sector employment, hours, earnings ... 10–12
Producer Price Indexes (see also individual commodities) ... 6
Profits, corporate ... 15
Public utilities ... 1, 2, 7, 15, 20
Pulp and pulpwood ... 28
Purchasing power of the dollar ... 6

Radio and television ... 8, 27
Railroads ... 13, 18, 32
Ranges and microwave ovens ... 27
Real estate ... 8, 13
Receipts, U.S. Government ... 14
Refrigerators and freezers ... 27
Registrations (new vehicles) ... 32
Rent (housing) ... 6
Retail trade ... 2, 3, 5, 8–12, 32
Rice ... 21
Rubber and products (incl. plastics) ... 2–4, 6, 10–12, 29

Saving, personal ... 1
Savings and loan associations ... 8, 14
Savings deposits ... 13, 15
Securities issued ... 15
Security markets ... 15, 16
Services ... 6, 10–12
Sheep and lambs ... 22
Shoes and other footwear ... 23
Silver ... 14
Spindle activity, cotton ... 31
Steel and steel manufactures ... 24, 25
Stock market customer financing ... 15
Stock prices, yields, sales, etc ... 16
Stone, clay, glass products ... 2–4, 10–12, 15, 30
Sugar ... 23
Sulfur ... 19
Sulfuric acid ... 19
Superphosphate ... 19
Synthetic textile products ... 31

Tea imports ... 23
Telephone and telegraph carriers ... 19
Textiles and products ... 2–4, 6, 10–12, 15, 30, 31
Tin ... 26
Tires and inner tubes ... 29
Tobacco and manufactures ... 2–4, 10–12, 23
Tractors ... 27
Trade (retail and wholesale) ... 2, 3, 5, 8–12, 32
Transit lines, urban ... 18
Transportation ... 6, 10–12, 15, 18
Transportation equipment ... 2–6, 10–12, 15, 17, 32
Travel ... 18
Truck trailers ... 32
Trucks ... 2, 32

Unemployment and insurance ... 9, 10, 13
U.S. Government bonds ... 16
U.S. Government finance ... 14
Utilities ... 2, 6, 7, 15, 20

Vacuum cleaners ... 27
Variety stores ... 9
Vegetables and fruits ... 5

Wages and salaries ... 1, 12
Washers and dryers ... 27
Water heaters ... 27
Wheat and wheat flour ... 21, 22
Wholesale trade ... 2, 3, 5, 8, 10–12
Wood pulp ... 28
Wool and wool manufactures ... 31

Zinc ... 26

UNITED STATES
GOVERNMENT PRINTING OFFICE
SUPERINTENDENT OF DOCUMENTS
WASHINGTON, D C 20402

OFFICIAL BUSINESS

Penalty for Private Use, $300

U.S.MAIL

POSTAGE AND FEES PAID
U.S. GOVERNMENT PRINTING OFFICE
375
Second Class Mail