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## SURVEY OF CURRENT BUSINESS



UNITED STATES DEPARTMENT OF COMMERCE / BUREAU OF ECONOMIC ANALYSIS

#### SURVEY OF CURRENT BUSINESS

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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.

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# the BUSINESS SITUATION

f 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 1/2 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 21/2 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

1. Quarterly estimates in the national income and

product accounts are expressed at seasonally adjusted annual rates, and quarterly changes in them are dif-

ferences between these rates. Quarter-to-quarter percent changes are annualized. Real, or constant-dollar,

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 De-

cember, 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 machin-

ery and equipment; for residential investment, October and November construction put in place, and housing

starts through December; for change in business inven-

tories, October and November book values for manufacturing and trade, and unit auto inventories

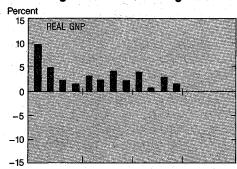
estimates are expressed in 1982 dollars

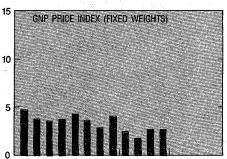
number of major economic developments:

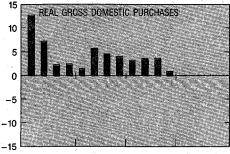
- Petroleum price declines.—Following OPEC members' formal abandonment of production quotas in late 1985, petroleum prices plunged to their lowest level in more than a decade. Energy prices fell substantially in each quarter of 1986 and led to a slowing in inflation. Domestic investment in petroleum 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.

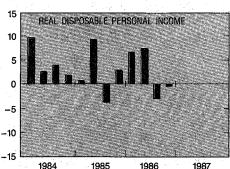
through December; for net exports of goods and services, October revised statistical month merchandise exports and imports, November statistical month merchandise exports, and fragmentary information on investment income for the quarter; for government purchases of goods and services, Federal unified 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 revi-

## 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

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 off-setting, changes in final sales and in inventory investment (table 1). There

Table 1.—Recent GNP Patterns

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

	Level	Cha	nge from qua		ling			
10. 1	1986:IV		19	86				
		I	II	Ш	IV			
GNP	3,702.4	33.6	5.5	25.0	16.0			
Motor vehicles Other	156.8 3,545.6	-2.7 36.3	5 6.0	-3.0 28.0	8.7 7.8			
Final sales Motor vehicles Other	3,713.9 153.4 3,560.5	$ \begin{array}{r r} -11.4 \\ -1.8 \\ -9.6 \end{array} $	30.2 5.2 25.0	40.4 23.0 17.4	27.2 -15.8 43.0			
Change in business inventories Motor vehicles	-11.5 3.4 -14.9	45.1 9 46.0	-24.8 -5.6 -19.2	-15.4 -25.9 10.5	-11.2 24.4 -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.

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 quar-

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 salesincentive 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.

## Retail Sales of New Cars

Million units

14

13

12

10

9

Domestic

4

Imports

4

Imports

3

2

1983 1984 1985 1986 1987

Seasonally Adjusted at Annual Rates

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

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 quarterthe 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 in-

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

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

	- 1	19	86	
<u> </u>	I	11	Ш	IV
Personal consumption expenditures	3.6	6.2	6.7	- 0.5
Durables	$-1.8 \\ -8.4 \\ 4.0 \\ 2.0$	14.3 18.2 15.1 4.0	44.6 91.4 12.6 19.3	-10.1 -31.1 3.1 33.0
Nondurables Food Clothing and shoes Energy ¹ Other nondurables	6.5 5.6 14.0 1.8 5.4	8.0 2.8 12.9 38.7 -2.3	9 -5.6 1.5 12.2 1.1	-7.6
Services	2.5 -12.6 -22.7 5 3.4 2.8	2.6 3.0 4.4 3.8 5.0 4.9 3.3	2.4 2.8 6.3 8.7 4.3 8.3 2.8 -1.5	2.3 2.7 .8 -1.0 2.1 0 2.5 2.8

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

creases 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 21/2 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 thirdquarter decrease that had included a large drop in brokerage charges.

#### 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 vear, 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	Ш	IV			
Gross private domestic fixed investment	-8.4	3.5	1.2	-0.8			
Nonresidential Structures Producers' durable	$-15.1 \\ -10.8$	9 -35.2	-2.1 -9.8	-3.0 -3.4			
equipmentResidential	-17.0 $-11.0$	19.6 14.5	1.2 9.7	-2.8 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.

Norg.—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.

CHART 3

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.

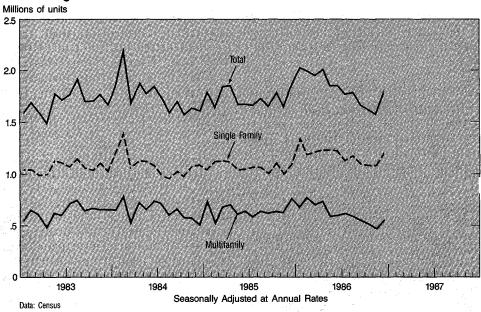
The reduction in the corporate income tax rate provides a clear incentive to shift investments from 1987 into 1986 because the higher the tax rate, the more valuable a given amount of depreciation. If, for example, the tax rate is 46 percent, \$100 of depreciation reduces taxes (and increases after-tax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

**Housing Starts** 

SURVEY OF CURRENT BUSINESS



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

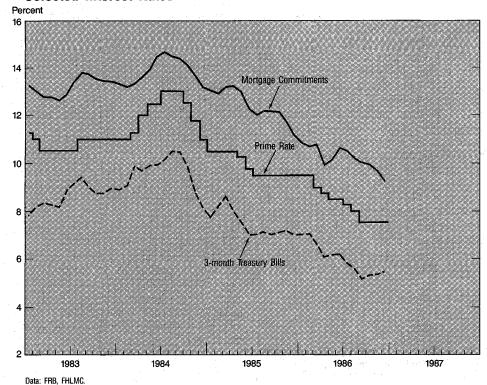
custom-built starts period, valued, on average, about 5 percent higher than speculative starts. The change in the composition of starts during the year, therefore, pushed average values up and tended to offset, in the investment estimates, the effect of the decline in the number of starts. A similar 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**



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

#### 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 lightly. For retail auto dealers, the large changes amounted to plus \$17 billion in the first quarter, and minus \$22 billion in the third quarter.<sup>2</sup>

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 invento-

ries 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.

Table 4.—Change in Real Business Inventories

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

***************************************				Level			Chang	ge from pr	eceding q	uarter
		1985		19	86			19	86	
		IV	I	п	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
Nonfa	ırm	16.1	37.0	11,0	-8.6	4.2	20.9	-26.0	-19.6	12.8
Who Reta	nufacturing	3.4 17.8	-5.3 6.9 28.3 7.1	1.0 5.1 -4.0 8.9	$     \begin{array}{r}       -6.5 \\       9.7 \\       -13.1 \\       1.2     \end{array} $	7 .1 4.5 .3	5.2 3.5 10.5 1.7	6.3 -1.8 -32.3 1.8	-7.5 4.7 -9.1 -7.7	5.8 -9.6 17.6 9

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

<sup>2.</sup> 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 5.—Real Net Exports of Goods and Services: Change From Preceding Quarter

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

		19	1986						
	1	п	Ш	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	53.0					
Nonagricultural	11.2	-2.5	16.7	20.0					
Services	6.4	-12.8	7	2.					
Imports	.2	15.8	17.3	4.8					
Merchandise	1.3	22.2	24.4	3.1					
Petroleum	-43.8	166.0	92.5	-14.					
Nonpetroleum	13.5	4.9	12.3	8.8					
Services	-4.2	-6.5	-8.9	9.					

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 \$31/2 billion, or 141/2 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 121/2 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

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	11	Ш	. IV				
-12.3	9.7	4.5	13.2				
$-27.5 \\ -1.0 \\ -67.1$	11.0 19.0 -10.3	2.5 17.2 -34.6	30.2 -4.4 238.7				
-1.6	-1.6	-5.3	2.2				
	-27.5 -1.0 -67.1	I II  -12.3 9.7  -27.5 11.0  -1.0 19.0  -67.1 -10.8	I				

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.

slightly in the fourth quarter, following several quarters of decline.

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**

GNP price index (fixed The 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]

			`	·
		19	86	
	I	п	Ш	IV
GNP	2.5	1.7	2.6	2.6
	2.0		1 1 1 1 1	:
Less: Exports	-7.0	$-1.3 \\ -15.5$	-1.7 1	.5 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	4.8
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	2.8
Residential investment	2.6	4.7	2.1	1.9
Government purchases	2.1	1.0	1.3	3.9

Gasoline and oil, fuel oil and coal, and electricity and gas. Norm.—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 \$221/2 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 Federagricultural subsidy payments. These payments amounted to \$3\forall\_2 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 fourthquarter 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

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

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

		19	86	
	, I	II	Ш	IV
Wage and salary disbursements Manufacturing	31.3 3.0	14.7 -1.7	22.3 1.2	30.0 5.8
Other commodity-producing  Distributive  Services  Government and government	1.3 6.3 15.0	.5 9 11.7	2 4.0 11.3	1.1 5.9 11.2
enterprises	5.6	5.3	5.9	6.0
Other labor income	2.8	2.8	3.1	2.6
Proprietors' income	3.2 -5.0 8.2	23.8 15.1 8.7	$-11.6 \\ -19.9 \\ 8.4$	6.2 2.6 3.6
Rental income of persons	4.5 2.4 .2	3.5 2.0 7	$1\\ .9\\ -6.3$	.8 .7 .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.

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.

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 \$61/2 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 (DPI) income 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 \$11/2 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  $6\frac{1}{2}$  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 (\*).

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]

			S	easonall	y adjuste	ed at an	nual rat	es
	1985	1986°	19	85		. 19	86	
			Ш	IV	1	II	III	IV <sup>p</sup>
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	905.1	388.3 932.7 1,441.3	373.3 907.4 1,346.4	362.0 922.6 1,383.2	360.8 929.7 1,407.4	373.9 928.4 1,429.8	414.5 932.8 1.452.4	404.2 940.0 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  Nonresidential  Structures  Producers' durable	650.0 458.2 154.8	675.1 458.5 143.6	654.3 459.8 155.0	672.6 474.0 157.2	664.4 459.2 154.6	672.8 457.5 141.5	680.3 459.0 139.5	682.7 458.1 138.6
equipmentResidentialChange in business	191.8	314.9 216.6	304.7 194.5	316.8 198.6	304.6 205.3	316.0 215.3	319.5 221.3	319.5 224.6
inventories Nonfarm Farm	12.2	11.4 11.8 4	3.1 3.2 1	$     \begin{array}{r}       -3.1 \\       16.7 \\       -19.9   \end{array} $	43.8 41.2 2.7	14.5 10.5 3.9	$     \begin{array}{r r}       -4.5 \\       -10.3 \\       \hline       5.8     \end{array} $	-8.3 5.7 -13.9
Net exports of goods and services	-78.9	- 105.7	-83.7	-105.3	-93.7	-104.5	_108.9	-115.6
ExportsImports	369.8 448.6	373.0 478.7	362.3 446.0	368.2 473.6	374.8 468.5	363.0 467.5	370.8 479.7	383.4 499.0
Government purchases of goods and services	815.4	865.3	829.7	855.6	836.7	860.8	874.0	889.7
Federal	94.7	367.2 278.4 88.9 498.1	360.9 265.5 95.5 468.8	380.9 268.0 112.9 474.7	355.7 266.4 89.3 480.9	367.6 278.4 89.2 493.3	369.3 286.8 82.6 504.7	376.3 281.9 94.4 513.3

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]

nate of the first			Se	asonally	adjuste	d at an	nual rat	es
	1985	1986°	19	85		19	86	
			Ш	IV	I	п	Ш	IV <sup>p</sup>
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 11.1	1,661.6 11.4	1,639.7 3.1		1,625.2 43.8	1,647.1 14.5	1,684.7 -4.5	
Durable goods	700.2 693.6	1.54	710.3 713.0		710.6 682.0	703.1 703.2	- 325	735.0 731.1
inventories	6.6	4.2	-2.7	9.5	28.6	1	-15.6	3.9
Nondurable goodsFinal sales	930.0 925.5	953.3 946.1	932.5 926.7	935.0 947.7	958.4 943.1	958.5 943.9	950.1 939.0	946.1 958.3
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 1.2.—Gross National Product in Constant Dollars

[Billions of 1982 dollars]

i.			Se	easonally	adjusta	ed at an	nual rat	es
	1985	1986 <sup>p</sup>	19	85		19	86	
			Ш	IV.	I	ı II	Ш	Į 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 Nondurable goods Services	343.9 841.6 1,139.0	368.9 872.4 1,177.3	357.4 843.8 1,140.8	347.0 847.2 1,157.5	345.4 860.6 1,166.6	357.1 877.3 1,174.0	391.6 875.4 1,181.0	381.3 876.2 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  Nonresidential  Structures  Producers' durable	638.6 461.4 152.2	648.9 455.0 134.7	643.1 463.1 152.3	658.4 476.9 152.4	644.1 457.8 148.1	649.6 456.8 132.9	651.6 454.4 129.5	650.3 451.0 128.4
equipment	309.2 177.2	320.3 193.9	310.9 180.0	324.5 181.5	309.7 186.3 39.9	323.9 192.7 15.1	324.9 197.2	322.6 199.3
inventories	9.0 10.9 -1.9	10.8 10.9 1	7 1.4 - 7	$     \begin{array}{r r}       -5.2 \\       16.1 \\       -21.3   \end{array} $	37.0 2.9	11.0 4.1	3 8.6 8.3	-11.5 4.2 -15.7
Net exports of goods and services	-108.2	-149.7	113.8	132.0	-125.9	_ 153.9	163.3	<b>– 155.6</b>
ExportsImports	362.3 470.5	371.3 521.0	355.8 469.6	362.9 494.8	369.2 495.1	359.8 513.6	371.2 534.5	385.3 540.8
Government purchases of goods and services	721.2	748.0	731.8	749.4	725.2	742.2	750.4	774.1
Federal National defense Nondefense State and local	323.6 235.7 87.8 397.6	333.4 251.0 82.4 414.5	329.9 242.2 87.6 401.9	347.2 239.3 107.9 402.2	320.4 238.7 81.7 404.8	328.9 249.3 79.5 413.3	330.9 259.4 71.5 419.5	353.5 256.5 97.0 420.6

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]

			Se	asonally	adjuste	d at an	nual rate	es
and the second second second	1985	1986 <sup>p</sup>	19	85		19	86	
			Ш	IV	I	П	III	IV <sup>p</sup>
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		-5.2	39.9	15.1	3	-11.8
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 Change in business	1,524.2	1,558.2	1,543.6	1,546.9	1,523.7	1,547.6	1,568.3	1,593.2
inventories	9.0	10.8	7	-5.2	39.9	15.1	3	-11.
Durable goods	675.8 670.0	703.2 699.6	686.5 689.3	688.7 680.2	688.6 662.6	687.5 688.3	714.2 728.6	722.0 718.
Change in business inventories	5.9	3.7	-2.9	8.4	26.0	7	-14.4	3.
Nondurable goods Final sales Change in business	857.4 854.2	865.8 858.6	857.8 854.2	853.0 866.7	875.0 861.1	875.2 859.4	853.8 839.7	859. 874.
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.
Structures	384.4	389.4	390.9	388.5	389.4	386.6	391.3	390.

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

			Se	asonall	adjuste	d at an	nual rat	es	
	369.8	. 1986 <sup>p</sup>	1985		1986				
			Ш	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		373.0 478.7	362.3 446.0	368.2 473.6	374.8 468.5	363.0 467.5	370.8 479.7	383.4 499.0	
Equals: Gross domestic purchases 1			1	4,193.0					
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 <sup>2</sup>	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 1.7.—Gross National Product by Sector

[Billions of dollars]

*			Se	easonally	adjuste	d at an	nual rat	es
	1985	1986 <sup>p</sup>	19	85		19	86	
	* -		III	· IV	I	II	Ш	IV <sup>p</sup>
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	313.1 75.5 -5.5 142.1 9.3 132.8 420.9	3,572.3 3,498.7 3,158.0 340.7 68.1 5.4 153.1 9.8 143.3 445.9 145.1 300.8	3,424.7 3,357.8 3,040.9 316.9 72.4 -5.5 143.4 9.3 184.1 423.3 140.5 282.8	3,468.4 3,389.4 3,065.4 323.9 77.5 1.6 146.2 9.4 136.8 431.2 143.4 287.8	3,519.9 3,451.7 3,121.5 330.2 71.8 -3.6 149.5 9.5 140.0 436.7 144.0 292.6	3,546.3 3,470.1 3,132.4 337.7 71.6 4.6 152.0 9.6 142.3 442.5 144.7 297.8	3,600.7 3,524.0 3,180.1 343.9 66.4 10.3 154.4 9.9 144.5 448.1 145.2 302.9	3,622.2 3,549.3 3,198.2 351.1 62.6 10.3 156.6 10.1 146.5 456.2 146.4 309.8
Rest of the world	41.2	37.3	39.1	41.9	43.2	34.9	37.4	33.5
Addendum:						32.0	, , , ,	
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]

,			Se	easonall	y adjuste	ed at an	nual rat	es
	1985	1986°	19	85		. 19	86	
			III	· IV	I	11	III	IV <sup>p</sup>
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 Nonfarm Nonfarm less housing Housing Farm Statistical discrepancy Households and institutions Private households Nonprofit institutions Government Federal State and local	2,998.9 2,735.3 263.6 77.6 -5.0 121.2 9.1 112.2 355.5 122.6	3,080.7 2,810.5 270.2 73.4 4.8 125.5 9.4 116.1	2,752.5 264.4	3,025.0 2,759.2 265.7 79.0 1.4 122.9 9.1 113.7	3,061.6 2,794.2 267.4 77.4 -3.2 124.1 9.2 114.9	3,067.5 2,798.3	2,816.2 271.2 71.5 9.1 126.0 9.5 116.5 359.8 123.2	361.3 123.8
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 1.6.—Relation of Gross National Product, Gross Domestic Purchases, and Final Sales to Domestic Purchasers in Constant Dollars

[Billions of 1982 dollars]

	[· * *		Se	asonally	adjuste	ed at an	nual rat	es
	1985	1986°	19	85		19	86	
· · · · · · · · · · · · · · · · · · ·			Ш	III IV I	I	II	Ш	IV <sup>p</sup>
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	385.8
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	_11.8
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.

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

[Billions of dollars]

f -								
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 Capital consumption	437.2	455.1	441.3	446.7	447.1	453.3	457.6	462.5
allowances without capital consumption adjustment Less: Capital	467.3	488.1	474.7	478.5	480.0	483.3	489.4	499.
consumption adjustment	30.1	33.0	33.4	31.9	32.9	30.0	31.8	37.
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.
Less: Indirect business tax and nontax liability	331.4	348.7	332.7	337.7	346.7	340.8	354.2	353.
payments Statistical discrepancy		23.2 5.4	$ \begin{array}{r} 21.2 \\ -5.5 \end{array} $	21.7 1.6		22.9 4.6	23.5 10.3	24.
Plus: Subsidies less current surplus of government enterprises	8.2	11.3	2.6	7.4	4.1	22.4	1.0	17
Equals: National income	3,222.3	3,387.4	3,243.4	3,287.3	3,340.7	3,376.4	3,396.1	ļ
Less: Corporate profits with inventory valuation and capital consumption								
adjustments	280.7 311.4	299.7 294.9	296.3 309.7	285.6 307.6	296.4 304.9	293.1 297.7	302.0 292.9	
insurance Wage accruals less			356.8	362.1	371.5	373.5 0	376.6 0	382
disbursements	2	"	0	0	"	"	0	١ '
Plus: Government transfer payments to persons Personal interest income Personal dividend income	476.2	475.4	475.2	480.6		487.2 480.1 81.1		466
Business transfer payments					22.3			
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

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

3,585.2	3,676.5	3,603.8	3,622.3	3,655.9	3,661.4	3,686.4	3,702.4
425.6	441.0	429.4	433.7	434.8	439.1	443.2	447.0
3,159.6	3,235.5	3,174.4	3,188.6	3,221.1	3,222.3	3,243.3	3,255.4
907.7	312 8	298.3	300 6	302.3	312.7	319.3	319.8
	4.8	-4.9	1.4	-3.2	4.0	9.1	
2.5		2					
	425.6 3,159.6 297.7 -5.0	425.6 441.0 3,159.6 3,235.5 297.7 313.8 -5.0 4.8	425.6 441.0 429.4 3,159.6 3,235.5 3,174.4 297.7 313.8 299.3 -5.0 4.8 -4.9	425.6 441.0 429.4 433.7 3,159.6 3,235.5 3,174.4 3,188.6 297.7 313.8 299.3 300.6 -5.0 4.8 -4.9 1.4	425.6 441.0 429.4 433.7 434.8 3,159.6 3,235.5 3,174.4 3,188.6 3,221.1 297.7 313.8 299.3 300.6 303.3 -5.0 4.8 -4.9 1.4 -3.2	425.6 441.0 429.4 433.7 434.8 439.1 3,159.6 3,235.5 3,174.4 3,188.6 3,221.1 3,222.3 297.7 313.8 299.3 300.6 303.3 312.7 -5.0 4.8 -4.9 1.4 -3.2 4.0	425.6     441.0     429.4     433.7     434.8     439.1     443.2       3,159.6     3,235.5     3,174.4     3,188.6     3,221.1     3,222.3     3,243.3       297.7     313.8     299.3     300.6     303.3     312.7     319.8       -5.0     4.8     -4.9     1.4     -3.2     4.0     9.1

Table 1.11 is on the next page.

Table 1.14.—National Income by Type of Income

[Billions of dollars]

	11.		S	easonall	y adjuste	ed at an	nual rat	es
	1985	1986 <sup>p</sup>	19	85		19	86	
			III	IV	, I	11	Ш	IV P
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					1,656.8		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.
Employer contributions for social insurance Other labor income	205.5 196.9	215.7 208.8	206.1 198.8	209.1 201.7	212.9 204.5	214.1 207.3	215.9 210.4	220. 213.0
Proprietors' income with	100.0	200.0	100.0	201.1	. 201.0	201.0	210.1	
inventory valuation and capital consumption								
adjustments	254.4	278.9	249.3	262.1	265.3	289.1	277.5	283.
FarmProprietors' income with	29.2	26.4	21.6	29.4	24.4	39.5	19.6	22.2
inventory valuation adjustment Capital consumption	38.0	34.6	30.3	37.9	32.7	. 47.9	27.7	30.1
adjustment	-8.8	-8.2	-8.7	-8.5	-8.4	-8.3	-8.2	-8.0
Nonfarm Proprietors' income		252.5 217.5	227.7 194.4	232.7 199.1	240.9 206.6	249.6 215.5	258.0 222.8	261.6 224.9
Inventory valuation adjustment	1	9	.1	3	4	-1.0	-1.1	-1.0
Capital consumption adjustment		35.9	33.2	34.0	34.7	35.1	36.2	37.7
Rental income of persons with	31.3	00.5	55.2	34.0	94.1	55.1	30,2	31.
capital consumption	7.6	15.0	7.9		100	100	100	17
adjustment		15.6 60.6	7.3 53.0	8.3 54.7	12.8 57.2	16.3 61.3	16.2 61.5	17.0 62.4
Capital consumption adjustment	-44.8	-45.1	-45.7	-46.4		-45.1	-45.3	-45.
Corporate profits with inventory valuation and capital consumption adjustments	280.7	299.7	296.3	285.6	296.4	293.1	302.0	- 40.0
Corporate profits with inventory valuation adjustment	. 222.6	242.9	235.3	226.4	239.0	238.3	246.5	\ 
Profits before tax	1	236.6	229.2	235.8	222.5	227.7	240.4	l
Profits tax liability Profits after tax		102.8 133.8	95.8 133.4	96.4 139.4	95.7 126.9	99.0 128.8		
Dividends	81.6	87.8	81.6	82.5	85.2	87.5	88.8	89.
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.
Net interest	311.4	294.9	309.7	307.6	304.9	297.7	292.9	284.
Addenda:	1							
Corporate profits after tax with inventory valuation and capital consumption adjustments	188.9	196.9	200.5	189.2	200.7	194.2	107.6	
Net cash flow with inventory valuation and	100.0	100.0	200.0	105.2	200.1	104.2	101.0	
capital consumption adjustments Undistributed profits with inventory valuation and	. 375.4	389.2	388.9	380.0	390.8	385.5	390.4	
capital consumption adjustments Capital consumption allowances with capital	. 107.3	109.1	118.8	106.8	115.5	106.6	108.8	
consumption adjustment Less: Inventory valuation	. 268.2	280.2	270.1	273.3	275.3	278.9	281.6	284.
adjustment Equals: Net cash flow	6 376.0	6.3 382.9	6.1 382.8		16.5 374.3	10.6 374.9	6.1 384.3	-8.
Equals. Iver Casil How	1 570.0	002.9	002.8	000.4	514.5	514.9	004.5	·····

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

A See an			Se	asonally	adiuste	d at an	nual rate	es
				1.1	,			
	1985	1986°	19	85		19	86	
\$2000			ш	IV ·	1	II '	ш	$IV^p$
				7		,		
	1		В	illlions	of dollar	8		
Carrier Services					or dorida			
Cunca domentia maduat								
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	
	-,	_,0_0	_,,	_,10010	_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	_,000.	-,5	
Capital consumption allowances with capital consumption						1.45		
adjustment	268.2	280.2	270.1	273.3	275.3	278.9	281.6	284.8
	2,145.9	2,248.5	2,171.5	2,185.8	2,226.2	2,227.3	2,259.6	
Net domestic product Indirect business tax and	2,145.5	2,240.0	2,111.0	2,100.0	2,220.2	2,221.0	2,200.0	
nontax liability plus							í !	
business transfer payments		040.5	- 201 0	005.0	041.0	0040		041.1
less subsidies  Domestic income	230.2 1,915.7	240.5 2,008.0	231.8 1,939.7	235.0 1,950.8	241.8 1,984.4	234.2 1,993.1	244.9 2,014.7	241.1
Compensation of employees		1,683.5	1,611.0	1,638.4	1,664.7	1,672.0	1,687.7	1,709.8
Wages and salaries		1,404.0	1,343.0	1,366.7	1,388.9	1,394.4	1,406.9	1,426.0
Supplements to wages								1.
and salaries	266.1	279.5	268.0	271.7	275.8	277.6	280.8	283.8
Corporate profits with inventory valuation and		1						
capital consumption					1	l <u>.</u> . I		
adjustments		264.2	266.3	250.5	257.9	260.2	267.3	
Profits before tax Profits tax liability		201.1	199.2	200.7 96.4	184.1 95.7	194.8 99.0		
Profits after tax		102.8 98.3	95.8 103.4	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					105	10.0	0.1	
adjustment Capital consumption	6	6.3	6.1	-9.4	16.5	10.6	6.1	-8.0
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			,	,			1	
of financial corporate								
business	138.9	167.2	140.2	144.9	157.9	164.7	171.2	
Gross domestic product		i .					<b>i</b>	
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			1 4					
with capital consumption	l							
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	l	F	·					
nontax liability plus business transfer payments				ŀ		l .		
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		1,555.7	1,498.4	1,523.5	1,542.8	1,545.7	1,557.0	1,577.1
Wages and salaries Supplements to wages	. 1,244.1	1,297.6	1,249.4	1,271.0	1,287.4	1,289.2	1,298.2	1,315.5
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	l
Profits before tax		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		96.1 80.4	107.0 72.8	107.2 74.6	87.6 74.8	94.0 85.6	98.9 79.8	81.4
Dividends Undistributed profits		15.6	34.1	32.6	12.8	8.3		01.4
Inventory valuation								
adjustment	6	6.3	6.1	-9.4	16.5	10.6	6.1	-8.0
Capital consumption	54.5	51.1	57.2	55.2	52.7	49.7	49.7	52.3
Net interest	90.4		89.9	89.3	89.1	87.8		85.0
	<u> </u>			L	1			<u></u>
	1		Bil	lions of	1982 <b>d</b> ol	lars		
	<b>—</b>	i -	T		1		_	
Gross domestic product	1	1	:			1	5. 9	
of nonfinancial						0 107 -		
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		1	1		1			1
with capital consumption	040.	950	050.0	050.0	955.4	950.0	900 5	263.0
adjustment		259.4 1,885.5	250.6 1,874.0		255.7 1,885.3	258.3 1,877.0		
Net domestic product Indirect business tax and	1,000.4	1,000.0	1,014.0	1,014.0	1,000.0	1,011.0	1,001.0	
nontax liability plus	1		1			1		
business transfer payments	189.6	200.3	190.8	101 0	192.9	199.3	204.5	204.6
less subsidies  Domestic income	1,666.7							204.6
_ onlesse medile	1-,500.1	1,000.2	1,000.0	1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1,002.4	1,5,1,1,1	2,000	[

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

[Billions of 1982 dollars]

			Se	asonally	adjuste	ed at an	nual rat	es
	1985	1986°	19	85		19	86	
			III	IV	I	II	3,686.4  -163.3 371.2 534.5  3,849.7  -121.3 413.2 534.5  3,728.4	ΙV»
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
	0,000.2	0,010.0	0,000.0	0,022.0	0,000.0	0,001.1	0,000.1	0,104.5
Less: Net exports of goods and services	362.3	$-149.7 \\ 371.3 \\ 521.0$	-113.8 355.8 469.6	-132.0 362.9 494.8	125.9 369.2 495.1	-153.9 359.8 513.6	371.2	− 155.6 385.3 540.8
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 Command-basis exports <sup>1</sup>	-82.7 387.8	- 115.0 406.0	}	-110.1 384.8	-99.0 396.1	-114.8 398.8	121.3	125.8 415.6
Imports		521.0	469.6	494.8	495.1	513.6		540.8
Equals: Command-basis gross national product	3,610.6		3,629.5	3,644.2	3,682.9	3,700.4		3,732.7
Addendum:		1			j .			1
Terms of trade 2	107.0	109.2	107.2	106.1	107.3	110.9	111.4	107.8

<sup>1.</sup> 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.

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]

		. ]	Se	asonally	adjuste	d at ann	ual rate	s
	1985	1986 <sup>p</sup>	198	35		198	36	
			III	IV	I	II	III	IV <sup>p</sup>
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
expenditures		26.2	24.2	23.2	21.2	25.4	32.2	26.0
Producers' durable equipment Net exports of goods and	32.3	32.2	31.4	35.2	29.9	32.4	33.6	32.9
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			- 1		1.5	1		
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

<sup>. 1.</sup> Includes new trucks only.

Table 1.20.—Truck Output in Constant Dollars

[Billions of 1982 dollars]

			Se	asonally	adjuste	justed at annual rates					
1 - 1	1985	1986*	198	35		198	36				
	2 1		ш	IV	Ĭ	II	9 54.1 4 28.1 3 29.0 6 -7.7 7 2.4	IV <sup>p</sup>			
Truck output 1	49.2	49.5	50.4	51.6	48.4	49.5	49.8	50.1			
Final sales Personal consumption	49.1	49.2	50.0	50.9	44.0	48.9		49.9			
expenditures Producers' durable equipment	20.7 29.3	23.0 27.9	22.2 28.4	21.0 31.2	19.0 26.4	22.4 28.3		22.3 28.0			
Net exports of goods and				- 1		1					
services	-6.1	-6.6	-5.8	-6.7	-6.8	-6.6		-5.9			
ExportsImports	2.5 8.6	2.6 9.2	2.6 8.3	2.7 9.4	2.5 9.3	2.7 9.3		2.9 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				

<sup>1.</sup> Includes new trucks only.

#### Table 1.17.—Auto Output

[Billions of dollars]

			Se	asonally	adjuste	d at anı	nual rate	es
4.1	1985	1986°	1985		1986			
			Ш	IV	I	II	Ш	IV <sup>p</sup>
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			*00.4	1110		1150	1401	100 7
expenditures	115.3	124.3	126.4	111.6	111.1	115.2	140.1 118.3	130.7 107.5
New autos	87.2	100.6	99.5	82.7	85.7	90.8	21.8	23.3
Net purchases of used autos	28.1	23.7	26.9	28.9	25.4	24.4		25.3 26.3
Producers' durable equipment	23.2	26.2	26.6	22.6	24.1	26.6	28.0 48.0	20.3 44.7
New autos	42.7	45.0	47.5	39.7	41.7	45.8		-18.4
Net purchases of used autos	-19.5	-18.8	-21.0	-17.1	-17.6	-19.3	-20.0	-10.4
Net exports of goods and	_30.0	-38.8	-31.3	-35.3	_32.1	-37.1	-42.7	-43.1
services		6.5	6.4	6.2	6.6	6.6	6.1	6.8
ExportsImports	36.1	45.3	37.7	41.4	38.7	43.7	48.8	49.9
Government purchases of	30.1	45.5	91.1	41.4	90.1	. 40.1	40.0	40.0
goods and services	1.6	1.7	1.4	1.6	2.2	1.5	1.5	1.7
goods and services	1.0	1	1.4	1.0	. 4.4	1.0	1.0	1.1
Change in business inventories								
of new and used autos		1.3	-6.2	12.7	7.9	6.5	-14.8	5.6
New	4.1	-1.1	-9.0	16.4		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				·	i		- 27	1
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			:		·	L

<sup>1.</sup> 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

			Seasonally adjusted at annual rates						
	1985	1986°	19	85		19	86		
			Ш	IV	I	II	Ш	IV <sup>p</sup>	
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	1								
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	ĺ								
goods and services	1.5	1.6	1.4	1.5	. 2.1	1.4	1.4	1.5	
Change in business invested as	i								
Change in business inventories of new and used autos	3.1	٥	-5.8	10.7	6.1	4.3	-16.8	3.2	
New		$8 \\ -2.8$	-8.0	13.6	6.0	1.8	-10.8 $-21.7$	2.7	
Used		2.0	2.3	-3.0	.1	2.4	4.9	.5	
Oseu	1	2.0	. 4.3	-5.0	٠,١	2.4	4.5		
Addenda:									
Domestic output of new	1								
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	

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

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.

Table 2.1.—Personal Income and Its Disposition

	(B)	liions oi	dollars	<u> </u>	•			
	4,55		Se	easonall	y adjuste	ed at an	nual rat	es
	1985	1986 <sup>p</sup>	19	85		. 19	86	
			III .	IV	I	II	Ш	IV <sup>p</sup>
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		200.0	000.0	0155	ggg 0			200 F
industries	607.7 460.1	623.3 471.3	608.3 460.7	617.7 467.5	622.0 470.5	620.8 468.8	621.8 470.0	628.7 475.8
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						1.05	1.444	
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
FarmNonfarm	29.2 225.2	26.4 252.5	21.6 227.7	29.4 232.7	24.4 240.9	39.5 249.6	19.6 258.0	22.2 261.6
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	76.4 476.2	81.2 475.4	76.3	76.7 480.6	79.1 480.8	81.1 480.1	82.0 473.8	82.7 466.7
Personal interest income Transfer payments	487.1	513.7	475.2 491.1	480.6	480.8 504.7	480.1 510.1	518.5	521.7
Transfer payments	401.1	313.1	491.1	455.0	304.1	310.1	010.0	321.1
Old-age, survivors,			1.7		100			
disability, and health	253.4	266.7	256.5	256.8	263.2	264.1	269.6	270.2
Government unemployment	200.4	200.7	200.0	200.0	200.2	204.1	205.0	210.2
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	cc c	70.0	07.0	60.0	20.1	70.1		E0.1
retirement benefits Other transfer payments	66.6 134.6	70.6 143.4	67.0 135.9	68.0 137.1	69.1 140.0	70.1 142.7	71.0 144.3	72.1 146.5
Aid to families with	104.0	140.4	100.5	131.1	140.0	144.1	144.0	140.0
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
	1	100.0	100.1	102.0	100.0	100.0	100.0	102.0
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	2.828.0	9 079 7	2,832.0	2.882.2	2,935.1	2,978.5	2,979.9	3,001.2
income	e d		N			1000		l '
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		00.2	00.0	07.	000	000	0.0	
Personal transfer payments to	82.6	93.6	83.8	87.0	89.8	92.3	94.9	97.5
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:	ļ. ·	<u> </u>	3.79		17.7		-	
Disposable personal income:	1000		1		1			
Total, billions of 1982	0 500 0	9 609 7	9 594 7	0 540 5	0.504.0	0.005.0	0.005.5	0 000 0
dollars Per capita:	2,528.0	2,603.7	2,524.7	2,540.7	2,581.2	2,025.8	2,605.5	2,602.8
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,	ŀ	041-	990.0	040.0	040.7	041.0	041.0	į.
millions)	239.3	241.5	239.6	240.2	240.7	241.2	241.8	242.4
				1	1	1 3	1	F-
Personal saving as	H			1 **				
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]

		- 1	S	easonall	y adjust	ed at an	nual rat	es
	1985	1986°	19	85		19	86	
	3		Ш	IV	I	п	III	IV <sup>p</sup>
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 Furniture and household	169.2	182.3	182.8	166.4	163.5	172.0	204.7	189.0
equipment Other	126.8 63.3	137.0 69.0	126.8 63.7	130.9 64.7	132.1 65.3	135.8 66.0	140.0 69.8	140.2 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		78.7	92.4	93.0	87.6	78.1	74.2	
Other nondurable goods	188.7	196.5	189.1	193.5	196.2	. 194.9	198.0	196.7
Fuel oil and coal		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

			L L					
			Se	asonally	adjuste	d at an	nual rat	es
	1985	1986°	19	85		19	86	
			Ш	IV	I	II	Ш	IV <sup>p</sup>
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 Furniture and household	156.2	164.0	168.9	152.9	149.6	156.0	183.5	167.2
equipment Other	127.7 59.9	140.3 64.5	128.4 60.1	133.0 61.2	$134.3 \\ 61.5$	139.1 62.1	143.3 64.9	144.4 69.7
Nondurable goods	841.6	872.4	843.8	847.2	860.6	877.3	875.4	876.2
Food	146.0 95.7 166.5	440.7 155.5 105.2 171.1 18.8 152.3	435.3 146.5 95.6 166.4 17.1 149.3	435.1 147.5 96.4 168.2 17.0 151.2	441.1 152.4 96.9 170.2 17.0 153.2	444.2 157.1 105.4 170.5 18.3 152.3	437.9 157.7 107.3 172.6 19.9 152.7	439.5 154.6 111.1 171.1 20.0 151.0
Services		1,177.3	1,140.8	1,157.5	1,166.6	1,174.0	1,181.0	1,187.6
Housing Household operation Electricity and gas Other Transportation	151.4 78.3 73.1	351.4 150.9 76.4 74.6 84.9	343.8 150.3 76.9 73.5 81.4	345.5 153.6 80.1 73.5 82.6	347.6 148.5 75.1 73.4 83.3	350.2 150.1 75.8 74.3 84.3	352.6 152.4 77.4 75.1 86.0	355.0 152.7 77.2 75.5 86.0
Transportation	237.8 326.2	245.7 344.4	238.0 327.2	241.3 334.5	243.0 344.3	245.0 344.5		248.2 345.6

Table 3.2.—Federal Government Receipts and Expenditures

			Se	asonally	adjuste	d at an	ual rat	es
	1985	1986°	19	85		19	86	
			Ш	IV	I	п	Ш	IV*
Receipts	786.8	826.2	792.6	805.8	806.6	813.5	833.1	
Personal tax and nontax receipts 1	345.6 338.4 6.5 .7	361.8 354.0 6.9	349.6 342.1 6.8 .7	355.6 348.6 6.3 .8	350.3 343.1 6.4 .8	355.5 347.1 7.6 .8	365.8 357.7 7.4 .8	375.6 368.2 6.4 1.0
Corporate profits tax accruals Federal Reserve banks Other	73.6 17.8 55.8	83.2 15.6 67.6	76.8 17.5 59.3	77.2 17.3 59.9	77.8 16.6 61.1	80.1 15.8 64.3	15.2	
Indirect business tax and nontax accruals <sup>2</sup>	56.1 35.5 12.2 8.4	52.3 31.8 13.7 6.8	53.9 35.2 12.0 6.8	56.0 36.6 12.6 6.8	52.7 32.9 13.1 6.6	50.7 31.1 13.3 6.3	53.4 31.5 14.2 7.6	52.5 31.6 14.1 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  National defense  Nondefense	354.1 259.4 94.7	367.2 278.4 88.9	360.9 265.5 95.5	380.9 268.0 112.9	355.7 266.4 89.3	367.6 278.4 89.2	369.3 286.8 82.6	376.8 281.9 94.4
Transfer payments	380.3 367.0 13.4	397.5 383.8 13.7	384.1 369.6 14.5	385.9 370.4 15.4	389.3 378.8 10.5	396.7 381.6 15.0	403.0 387.5 15.5	401.1 387.4 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	130.5 152.1 130.8 21.3	135.8 158.0 135.1 23.0	129.8 152.3 130.8 21.5	133.9 155.7 134.2 21.5	135.0 157.8 134.9 22.8	138.1 160.2 138.0 22.2	134.7 157.8 135.0 22.8	135.4 156.3 132.3 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		25.6 27.1 1.5	15.1 17.1 2.0	21.1 19.5 -1.6	18.0 19.6	36.5 38.7 2.2	15.4 20.9 5.5	32.3 29.1 -3.3
Less: Wage accruals less disbursements	2	/0	0	0	0	0	0.0	0
Surplus or deficit (—), national income and product accounts	198.0	-204.0	<b>-197.5</b>	_217.6	<b> 195.0</b>	-232.2	-197.4	
Social insurance funds	11.0	19.3 -223.3	9.7 -207.2	15.1 -232.7	18.5 -213.5	$19.3 \\ -251.5$	17.3 -214.6	22.

Table 3.7B.—Government Purchases of Goods and Services by Type
[Billions of dollars]

			Se	asonally	adjuste	d at ann	ual rate	s
	1985	1986°	19	35		198	36	
the state of the s			III	IV	I	п	Ш	$IV^p$
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 Durable goods Nondurable goods Services Compensation of employees Military Civilian Other services Structures Nondefense Durable goods Nondurable goods	259.4 74.9 12.2 166.1 101.1 67.8 33.3 65.0 6.1 94.7 4.1 17.2	278.4 82.8 11.0 177.7 104.6 70.4 34.2 73.1 6.9 88.9 4.3 10.9	265.5 78.9 13.0 166.6 100.8 67.4 33.4 65.8 7.0 95.5 3.9 17.5	268.0 76.6 11.8 173.4 103.4 69.7 70.0 6.1 112.9 4.5 33.2	266.4 75.7 11.8 172.5 103.9 70.0 33.8 68.7 6.3 89.3 4.3 11.1	278.4 83.6 11.0 177.3 104.4 70.3 34.1 72.9 6.5 89.2 4.3 11.2	286.8 86.3 10.5 182.4 104.7 70.5 34.3 77.7 7.6 82.6 4.2 5.1	281.9 85.5 10.6 178.6 105.5 71.0 34.5 73.1 7.3 94.4 4.3 16.4
Commodity Credit Corporation inventory change Other nondurables Services Compensation of employees Other services Structures	11.3 5.9 66.0 39.6 26.4	5.4 5.6 66.8 40.5 26.3 6.8	11.4 6.1 66.5 39.7 26.8 7.5	28.7 4.5 68.0 40.0 28.0 7.2	5.6 5.5 66.7 40.2 26.6 7.2	5.5 5.7 66.4 40.3 26.1 7.2	4 5.5 66.7 40.5 26.2 6.5	10.8 5.6 67.3 40.9 26.4 6.5
State and local	461.3	498.1	468.8	474.7	480.9	493.3	504.7	513.3
Durable goods		22.7 37.4 375.9 300.8 75.1 62.1	20.9 38.7 351.9 282.8 69.1 57.3	21.5 40.0 358.6 287.8 70.8 54.6	21.9 38.7 365.4 292.6 72.7 55.0	22.4 36.7 372.0 297.8 74.3 62.1	22.9 36.6 378.8 302.9 76.0 66.4	23.6 37.6 387.4 309.8 77.5 64.8

Table 3.3.—State and Local Government Receipts and Expenditures
[Billions of dollars]

	1. 17	1	Se	asonally	adjuste	d at anr	ual rat	es
	1985	1986 <sup>p</sup>	198	35		198	36	7
	·	:	Ш	IV	I	II	Ш	IV
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.
Income taxes Nontaxes Other	72.2 56.8 11.8	76.4 62.5 12.7	72.1 57.5 12.1	74.0 59.0 12.1	74.5 60.4 12.4	74.9 61.8 12.6	77.1 63.2 12.8	79. 64. 13.
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.
Sales taxes Property taxes Other	129.0 107.2 39.1	138.1 115.6 42.7	131.2 108.2 39.4	131.4 110.4 39.9	133.4 112.5 48.1	135.7 114.6 39.8	141.4 116.6 42.7	141. 118. 40.
Contributions for social insurance	44.2	47.1	44.5	45.1	45.7	46.3	47.0	49.
Federal grants-in-aid	99.0	104.0	100.2	101.6	103.5	106.9	108.0	97.
Expenditures	515.8	557.9	524.7	530.2	538.5	552.6	565.1	575.
Purchases of goods and services	461.3	498.1	468.8	474.7	480.9	493.3	504.7	513
Compensation of employees Other	280.1 181.1	300.8 197.3	282.8 186.0	287.8 186.9	292.6 188.3	297.8 195.5	302.9 201.8	309 203
Transfer payments to persons	99.2	106.7	100.4	101.4	103.6	105.6	107.5	110
Net interest paid	-26.9	-26.0	-26.6	-26.4	-26.1	- 25.7	-25.9	-26
Interest paid Less: Interest received by government	42.6 69.5	48.4 74.4	43.3 69.9	44.8 71.2	46.2 72.2	47.6 73.4	49.1 75.0	50 76
Less: Dividends received by government	5.2	6.6	5.4	5.7	6.1	6.4	6.8	7
Subsidies less current surplus of government enterprises	-12.6	-14.3	-12.5	-13.7	-13.9	-14.1	-14.4	-14
Subsidies Less: Current surplus of	.7	.8	.7 13.2	.7	.8	.8 14.9	.8 15.2	15
government enterprises  Less: Wage accruals less disbursements	13.2	15.1	13.2	14.5	14.7	0	15.2	15
Surplus or deficit (—), national income and product accounts		60.8	59.5	62.5	69.9	58.9	64.0	
Social insurance fundsOther	52.7 9.0	55.8 5.0	53.1 6.5	53.7 8.8	54.3 15.6	55.0 3.9	55.7 8.3	58

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

			Se	asonally	adjuste	d at ann	ual rate	s
	1985	1986°	198	35		198	36	
			ш	IV	I	п	ш	ΙV»
Government purchases of					1222			
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	140.0	102.0	140.0	100.0	140.0	102.1	100.4	104.0
	88.3	88.8	88.5	88.4	88.6	88.6	88.8	89.2
employees		59.7	59.6	59.5	59.6	59.5	59.7	60.0
Military	59.5							29.2
Civilian	28.9	29.1	28.9	28.9	28.9	29.1	29.1	
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
Comment of the Control	10.2	10.1	11.4	30.0	11.0	10.0	2.0	41.0
Commodity Credit								
Corporation inventory	400	ا جما		اممما			0.5	00.0
change Other nondurables	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
5 11 1	10.5	000	10.5	90.1	90.4	20.7	01.1	21.4
Durable goods	19.5	20.9	19.7	20.1	20.4		21.1	42.4
Nondurable goods			39.5	40.1	40.6	41.2	41.8	
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			61.6	
Structures	48.2	54.7	51.0	48.5	48.7	54.9	58.5	56.8
	1	1	1		I		1	

Table 3.9.—National Defense Purchases of Goods and Services

	1		Se	asonally	adjuste	d at an	nual rate	es
	1985	1986°	19	85		19	86	•
			Ш	IV	Ī	II	Ш	$IV^p$
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	07.0	0.0	07.7	00.7	90.5	90.0	000	00.5
development	27.3	31.8	27.7	29.7	28.7	32.2	33.9	32.5
Installation support 1	16.9 7.5	18.1 8.2	$\frac{17.1}{7.7}$	17.2 8.2	17.4	17.8	19.2	17.9 8.1
Weapons support <sup>2</sup> Personnel support <sup>3</sup>	7.5 5.7	7.3	6.3	6.8	7.7 6.9	7.8 7.0	8.9 8.1	8.1 7.3
Transportation of materiel	3.8	4.1	8.6	6.8 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	3.5	3.0	1	.2	.5	5.0	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

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

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

[Billions of dollars]

			Sea	asonally	adjuste	d at ann	ual rate	s
	1985	1986°	198	35		198	<b>36</b>	
			III	IV	I.	II	III	IV <sup>p</sup>
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	123.0	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.€
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
Nondurable goods 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.
From persons (net)		1.4	1.5	1.6	1.7	1.2	1.2	1.
From government (net)		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.
Net foreign investment	-115.2	-143.7	- 121.2	-143.8	-128.6	-143.0	-148.3	154.

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

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

[Billions of 1982 dollars]

			Se	asonally	adjuste	d at anı	nual rate	es
	1985	1986°	19	85		. 19		
			Ш	IV	I	II	III	ΙV <sup>p</sup>
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		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		7.7
Vehicles	5.3	5.2	5.8	4.6	5.0	5.4		5.1
Electronic equipment	4.6	4.5	5.1	4.6	4.3	4.7	4.7	4.5
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		4.1
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		89.2
Military	59.5	59.7	59.6	59.5	59.6	59.5		60.0
Civilian	28.9	29.1	28.9	28.9	28.9	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		28.4
Installation support 1	14.4	15.0	14.5	14.5	14.5	14.7		14.9
Weapons support 2	6.7	7.2	6.8	7.2	6.8	6.9		7.2
Personnel support <sup>3</sup>	5.2	6.0	5.6	5.8	5.7	5.7		5.9
Transportation of materiel	3.9	4.1	3.6	4.4	4.1	4.0		4.1
Travel of persons	3.4	3.5	3.5	3.6	3.4	3.6		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

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

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

			Seasonally adjusted at annual rates								
	1985	1986°	1985		1986						
			Ш	IV	Í	п	m	$IV^p$			
Exports of goods and services	362.3	371.3	355.8	362.9	369.2	359.8	371.2	385.3			
Merchandise  Durable goods  Nondurable goods	227.4 133.5 93.9	237.5 146.9 90.7	223.9 133.6 90.3	227.8 133.4 94.4	232.0 142.1 89.9	227.2 142.7 84.5	238.8 148.0 90.8	252.2 154.7 97.8			
Services Factor income <sup>1</sup> Other	135.0 80.9 54.0	133.8 76.9 56.9	132.0 79.1 52.9	135.1 80.9 54.3	137.2 82.4 54.8	132.6 76.3 56.3	132.4 74.8 57.6	133. 74.0 59.0			
Imports of goods and services	470.5	521.0	469.6	494.8	495.1	513.6	534.5	540.			
Merchandise Durable goods Nondurable goods	368.7 216.6 152.1	420.4 246.8 173.6	368.4 216.9 151.4	391.3 226.7 164.6	392.6 237.4 155.2	412.8 244.8 168.0	436.0 249.5 186.4	440.0 255.4 184.6			
ServicesFactor income <sup>1</sup> Other	101.8 44.0 57.8	100.7 44.2 56.5	101.3 44.0 57.2	103.6 43.7 59.8	102.5 44.3 58.2	100.8 45.5 55.3	98.5 42.2 56.4	100. 44. 56.			

<sup>1.</sup> 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

	ı		Se	asonally	adjuste	d at anı	ual rate	es
	1985	/1986°	19	Ť		198		
			Ш	īV	1	II	III	IV <sup>p</sup>
Merchandise exports	219.6	220.4	215.0	216.2	219.7	212.5	219.2	230.3
Foods, feeds, and beverages Industrial supplies and	24.0	22.6	21.6	23.1	24.4	20.5	21.6	23.7
materials		56.9	57.2	57.7	58.1	54.3	56.3	59.0
Durable goods		16.1	16.1	15.3	16.7	15.4	15.8	16.6
Nondurable goods		40.8	41.1	42.4	41.4	38.9	40.4	42.4
Capital goods, except autos Autos		78.3 23.7	75.0 25.0	74.3 24.4	75.7 23.7	76.0 23.8	80.0 22.4	81.4 25.0
Consumer goods		14.3	12.6	12.9	13.6	13.7	14.5	15.6
Durable goods		5.5	4.8	5.1	5.1	5.2	5.7	6.1
Nondurable goods		8.8	7.7	7.9	8.4	8.5	8.8	9.5
Other		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 Industrial supplies and materials, excluding	21.3	24.3	20.7	22.0	23.8	23.9	24.4	25.2
petroleum		62.6	58.9	59.5	62.3	60.3	61.3	66.8
Durable goods		33.1	30.2	29.9	32.4	32.7	31.6	35.
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	34.4 79.4
Capital goods, except autos		75.9 78.7	62.3 66.9	67.5 71.8	71.8 71.3	75.3 76.4	77.1 82.6	84.
Consumer goods		77.4	65.0	69.6	73.2	75.4	79.1	82.0
Durable goods		43.5	36.7	38.3	40.8	43.0	44.3	46.0
Nondurable goods		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		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	8.0
Addenda:								
Exports of agricultural	ł							
products 1	. 29.6	26.7	26.7	28.5	28.4	24.6	25.9	28.
Exports of nonagricultural products	190.0	193.7	188.3	187.7	191.2	187.8	193.3	202.4
Imports of nonpetroleum	190.0	198.7	188.3	187.7	191.2	187.8	198.8	202.4
products	291.2	335.4	289.8	307.3	318.8	327.5	340.8	354.0

<sup>1.</sup> Includes parts of line 2 and line 5.

Table 5.1.—Gross Saving and Investment

[Billions of dollars]

			Se	asonally	adjuste	d at anı	ual rat	es
	1985	1986°	19	85		19	86	
			Ш	IV	I	II	Ш	IV»
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						200.2	0 21/2	
profits with inventory								
valuation and capital								
consumption adjustments	107.3	109.1	118.8	106.8	115.5	106.6		
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	0	0.0	0.1	-9.4	10.5	10.0	6.1	-8.0
adjustment	58.1	56.8	61.0	59.2	57.3	54.8	55.5	59.5
Corporate capital	30.1	. 50.0	01.0	00.2	31.0	04.0	99.0	. 00.0
consumption allowances								
with capital consumption								
adjustment	268.2	280.2	270.1	273.3	275.3	278.9	281.6	284.8
Noncorporate capital	· ·	A 1						
consumption allowances								
with capital consumption								
adjustment	169.0	175.0	171.2	173.4	171.8	174.4	176.0	177.€
Wage accruals less disbursements	۱ ،	0	0	. 0	0	0	0	0
dispursements	ľ	٧ ا	۱ °		٠ ا	٧ ا	U	i "
Government surplus or deficit							i	i
(−), national income and	1						l .	ĺ
product accounts	-136.3	- 143.1	-138.0	155.1	-125.1	173.3		
Federal	-198.0	204.0	-197.5	-217.6	-195.0	-232.2		
State and local	61.7	60.8	59.5	62.5	69.9	58.9	64.0	
Capital grants received by the			Ì					
United States (net)	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	l							l
investment	661.1	686.4	657.4	669.5	708.3	687.3	675.8	674.
Net foreign investment		-143.7	-121.2	-143.8	-128.6	-143.0		-154.8
-	1							
Statistical discrepancy	-5.5	5.4	-5.5	1.6	-3.6	4.6	10.3	

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

[Billions of 1982 dollars]

			Se	asonally	adiuste	d at anr	ual rate	s
*	1985	1986°	198			198		
			Ш	IV ·	1	II	III	IV
Merchandise exports	227.4	237.5	223.9	227.8	232.0	227.2	238.8	252,
Foods, feeds, and beverages	25.1	25.7	22.8	25.7	26.2	22.3	25.5	28.
Industrial supplies and		. 77.34				- /		
materials	60.9	62.1	60.7	60.7	61.4	59.1	62.3	65
Durable goods	16.7	17.6	17.1	16.1	17.7	16.7	17.5	18
Nondurable goods	44.2	44.5	43.6	44.6	43.7	42.3	44.8	47
Capital goods, except autos	82.1	90.1	81.7	82.7	85.8	87.2	92.3	94
Autos	22.4	21.1	22.7	22.0	21.3	21.3	19.9	22
Consumer goods	12.9	13.9	12.5	12.9	13.3	13.3	14.0	15
Durable goods	5.4	5.7	5.1	5.4	5.4	5.4	5.9	6
Nondurable goods	7.5	8.2	7.4	7.5	7.9	7.9	8.1	8
Other	23.8	24.7	23.4	23.8	24.0	24.1	24.7	26
Durable goods	6.8	12.4	6.9	7.2	12.0	12.0	12.4	13
Nondurable goods	17.0	12.4	16.5	16.6	12.0	12.0	12.4	13
Merchandise imports	368.7	420.4	368.4	391.3	392.6	412.8	436.0	440
Foods, feeds, and beverages Industrial supplies and	21.8	23.1	21.5	22.5	22.9	22.4	23.7	23
materials, excluding petroleum	68.2	73.9	67.5	69.5	73.4	72.0	73.1	77
Durable goods	35.0	39.0	34.6	34.9	38.1	39.0	37.8	41
Nondurable goods	33.2	34.9	32.8	34.6	35.3	33.0	35.4	36
Petroleum and products		75.9	60.1	67.1	58.1	74.2	87.4	84
Capital goods, except autos		90.9	74.7	81.1	87.1	90.1	92.5	99
Autos	60.8	66.7	62.9	64.9	62.9	65.5	69.2	69
Consumer goods	65.4	73.6	65.3	68.9	71.7	72.6	74.3	75
Durable goods	38.3	42.1	38.3	39.2	41.0	42.2	42.2	43
Nondurable goods		31.5	27.0	29.7	30.7	30.4	32.1	32
Other		16.2	16.5	17.2	16.6	16.1	15.8	16
Durable goods		8.1	6.4	6.5	8.3	8.0	7.9	1
Nondurable goods		8.1	10.1	10.7	8.3	8.0	7.9	. 8
140ffdd abie goods	10.1	0.1	10.1	10.1	0.0	0.0	1.0	100
Addenda:	ł							
Exports of agricultural		N						
products 1	30.4	29.9	27.8	30.8	29.8	26.3	30.0	38
Exports of nonagricultural	1							
products	197.0	207.7	196,0	196.9	202.2	200.9	208.8	218
Imports of nonpetroleum	1							
	308.9	344.5	308.3	324.2	334.6	338.6	348.6	356

<sup>1.</sup> Includes parts of line 2 and line 5.

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

[Billions of dollars]

	-							
		11	Se	asonally	adjuste	d at an	nual rate	es .
	1985	1986 <sup>p</sup>	19	85		19	86	
			III	IV .	I	11	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		73.0 38.6 181.0	68.7 42.9 165.2	75.7 43.4 169.9	70.7 44.0 174.8	86.4 38.2 180.7	36.4	
Manufacturing Durable goods Nondurable goods	401.2	685.6 411.6 274.0	678.5 402.9 275.6	682.2 405.6 276.6	678.2 409.0 269.2	686.2 413.0 273.2	410.1	
Transportation and public utilities. Transportation	113.2 66.7	266.8 113.9 71.6 81.3	260.4 114.2 67.1 79.2	259.4 116.2 66.9 76.4	264.9 113.8 72.0 79.2	264.7 112.0 70.1 82.5	113.6 72.0	
Wholesale trade Retail trade Finance, insurance, and	278.8	204.9 293.1	201.8 283.7	199.2 282.1	292.6	201.5 288.9	294.2	
real estateServices		448.9 619.3	414.1 575.7	423.6 589.5	438.0 603.9	449.0 614.2		
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.

Table 5.8.—Change in Business Inventories by Industry

		3.	Se	asonally	adjuste	d at anı	nual rate	es
	1985	1986°	19	85		19	86	
			III	IV	I	II	III	IV <sup>p</sup>
Change in business	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 13.3	11.8 5.1	$-3.2 \\ -3.0$	16.7 27.5	41.2 22.9	$\frac{10.5}{-1.1}$	$-10.3 \\ -16.3$	5.7 15.0
adjustment 1	-1.1	6.7	6.1	-10.8	18.3	11.6	6.0	-9.3
Manufacturing Durable goods Nondurable goods	-4.7 $-3.2$ $-1.5$	$-2.5 \\ -3.0 \\ .5$	$-5.3 \\ -1.4 \\ -3.9$	$-11.7 \\ -11.8 \\ .1$	$-4.8 \\ -4.5 \\3$	$^{.4}_{-3.6}$ $^{4.0}$	$-5.0 \\ -3.6 \\ -1.5$	7 3 3
Wholesale trade Durable goods Nondurable goods	3.7 .7 3.0	5.9 3.7 2.1	1 -2.8 2.7	3.3 .1 3.2	8.1 5.2 2.9	6.2 3.2 3.0	7.9 3.8 4.1	1.3 2.8 -1.5
Merchant wholesalers Durable goods Nondurable goods	.7	5.3 3.7 1.7	$\begin{array}{c} 2.3 \\ -1.8 \\ 4.1 \end{array}$	3.7 .7 3.0	7.6 5.8 1.9	6.7 4.7 2.1	7.1 3.5 3.6	1 .7 8
Nonmerchant wholesalers Durable goods Nondurable goods	$-1.3 \\ 0 \\ -1.2$	.5 .1 .5	$     \begin{array}{r}       -2.4 \\       -1.0 \\       -1.4   \end{array} $	3 6 .2	.5 6 1.0	5 $-1.5$ $1.0$	.8 .3 .5	$\begin{array}{c} 1.4 \\ 2.1 \\7 \end{array}$
Retail trade Durable goods Nondurable goods	6.1	4.0 1.0 2.9	$\begin{array}{c} 5.3 \\ -1.2 \\ 6.5 \end{array}$	19.4 18.5 .9	30.5 24.5 6.0	$-4.4 \\ -2.7 \\ -1.6$	-14.8 $-19.1$ $4.3$	4.6 1.5 3.1
Other  Durable goods  Nondurable goods	3.0	4.4 2.4 2.0	3.3 2.7 .6	5.8 2.8 3.0	7.4 3.4 4.0	8.2 3.0 5.2	$\begin{array}{c} 1.6 \\ 3.2 \\ -1.6 \end{array}$	.5 0 .5

<sup>1.</sup> 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 5.10.—Inventories and Final Sales of Business by Industry

[Billions of dollars]

	Se	asonally	adjuste	d at anı	ual rate	es
	19	85		19	86	
	Ш	IV	I	II	Ш	IV <sup>p</sup>
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
Durable 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		26.8	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		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 <sup>2</sup>	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	2.88
Nonfarm inventories to final sales		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	4.48

<sup>1.</sup> 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 5.9.—Change in Business Inventories by Industry in Constant **Dollars** 

[Billions of 1982 dollars]

			Se	asonally	adjuste	d at an	nual rat	es
•	1985	1986 <sup>p</sup>	19	85		19	86	
			ш	IV	I	П	Ш	IV <sup>p</sup>
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 Durable goods Nondurable goods	-3.2	-2.9 -3.2 .4	$-6.1 \\ -1.6 \\ -4.5$	$-10.5 \\ -11.1 \\ .6$	-5.3 -4.7 5	$\begin{array}{c} 1.0 \\ -4.0 \\ 5.0 \end{array}$	$-6.5 \\ -3.8 \\ -2.7$	7 4 3
Wholesale trade Durable goods Nondurable goods	3.4 .6 2.8	5.4 3.5 1.9	$^{6}_{-2.7}$	3.4 .1 3.3	6.9 4.9 2.0	5.1 2.9 2.1	9.7 3.5 6.3	$\begin{array}{c} .1 \\ 2.7 \\ -2.6 \end{array}$
Merchant wholesalers Durable goods Nondurable goods	4.9 .7 4.2	4.9 3.4 1.4	$^{2.2}_{-1.7}$ $^{3.9}$	3.6 .6 3.0	6.8 5.5 1.3	4.6 4.4 .3	8.3 3.2 5.1	3 .7 -1.0
Nonmerchant wholesalers Durable goodsNondurable goods	0	.6 .1 .5	$-2.8 \\ -1.0 \\ -1.7$	3 5 .3	6 .7	$-1.5 \\ 1.9$	1.4 .3 1.2	.4 2.0 -1.7
Retail trade Durable goods Nondurable goods	5.6	3.9 1.1 2.8	5.1 -1.0 6.1	17.8 16.9 .9	28.3 22.6 5.6	$-4.0 \\ -2.5 \\ -1.5$	-13.1 -17.1 4.1	4.5 1.6 2.9
Other  Durable goods  Nondurable goods	2.8	4.4 2.2 2.2	3.0 2.5 .5	5.4 2.6 2.8	7.1 3.1 4.0	8.9 2.8 6.1	$\begin{array}{c} 1.2 \\ 3.0 \\ -1.8 \end{array}$	.3 0 .3

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

	Se	asonally	adjuste	d at ann	ual rate	s	
İ	198	35		172.1 171.0 167.8 86.7 86.1 81.8 85.3 84.9 85.9 89.3 91.5 91.8 258.0 261.0 264.0			
	Ш	ÍV	I	II	III	IV	
Inventories <sup>1</sup>	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	748.4 431.0 317.4	752.4 433.1 319.3	439.6	439.4	435.8	763.3 436.8 326.5	
Manufacturing	327.8 214.8 113.0	325.2 212.0 113.1	210.9	209.9	208.9	322.3 208.8 113.5	
Wholesale trade	173.9 108.7 65.2	174.7 108.7 66.0	109.9	110.6	111.5	180.1 112.2 68.0	
Merchant wholesalers Durable goods Nondurable goods	147.3 94.7 52.6	148.3 94.9 53.4	96.2	97.3	98.1	153.1 98.3 54.8	
Nonmerchant wholesalers	26.5 13.9 12.6	26.4 13.8 12.7	13.7	13.3		27.0 13.9 13.1	
Retail trade		165.0 81.1 83.9	86.7	86.1	167.8 81.8 85.9	168.9 82.2 86.7	
Other	86.2	87.5	89.3	91.5	91.8	91.9	
Final sales <sup>2</sup> Final sales of goods and structures <sup>2</sup>	257.5 161.2	259.2 161.3			264.0 163.3	266.4 165.3	
Ratio of inventories to final sales							
Inventories to final sales	3.23 2.91	3.20 2.90	3.26 2.95	3.23 2.93	3.20 2.89	3.16 2.87	
structures	4.64	4.67	4.78	4.74	4.67	4.62	

<sup>1.</sup> 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.

Table 6.18B.—Corporate Profits by Industry

			Seas	onally	adjuste	d at ar	nual r	ates
	1985	1986°	19	85		19	86	
			III	IV	I	11	ш	ΙV
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 Nonfinancial	24.6 224.2	35.0 229.2	25.5 240.8	27.2 223.3	$32.5 \\ 225.5$	34.3 225.9		
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	ļ
Financial	21.0 16.8 4.3	29.3 15.9 13.4	21.7 16.5 5.2	23.2 16.3 6.9	27.8 17.0 10.8	29.1 16.2 13.0	15.5	
Nonfinancial	169.7	178.1	183.6	168.1	172.8	176.3	182.9	<b></b>
Manufacturing	73.0	73.4	79.0	74.5	66.7	76.8	75.6	ļ
Durable goods	28.0 -3.6 4.1 3.6	31.6 -2.0 5.0 3.4	28.9 -2.6 4.5 4.6	26.6 -3.6 3.0 4.7	28.1 -2.6 4.7 2.2	34.6 -1.1 5.0 4.9	$-2.3 \\ 5.1$	
equipment  Motor vehicles and equipment  Other	4.9 6.8 12.1	5.4 4.9 14.9	6.0 4.2 12.3	4.3 6.6 11.6	4.7 6.4 12.7	7.2 4.9 13.7	4.1	
Nondurable goodsFood and kindred products	45.0 7.8	41.9 10.3	50.1 9.1	47.9 7.6	38.6 9.3	42.2 10.0	43.9 11.2	
Chemicals and allied products Petroleum and coal products Other	4.7 13.4 19.1	7.3 7.6 16.7	5.3 17.0 18.7	2.8 18.7 18.9	6.3 7.3 15.7	6.4 9.7 16.1	7.0	
Transportation and public utilities Wholesale and retail trade Other	33.0 49.7 14.0	38.8 50.7 15.1	36.6 54.2 13.9	32.7 45.0 15.9	36.8 52.1 17.1	38.6 46.3 14.6	53.3	
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]

			Seasonally adjusted at annual rates							
t and the state of	1985	$1986^{p}$	19	85		19	86			
			Ш	IV	I	II	Ш	IV		
Gross national product	112.3	115.4	112.6	113.7	114.4	114.9	115.6	116.4		
Final salesChange in business inventories	112.2	115.3	112.5	113.6	114.3	114.8	115.5	116.2		
Goods	107.6	108.3	107.5	108.1	108.2	107.9	108.3	108.7		
Final sales Change in business inventories	107.6	108.1	107.4	108.0	108.1	107.7	108.2	108.4		
Durable goods	107.6	105.9 105.8	105.9 105.8	105.7 105.6	105.7 105.6	105.7 105.6	106.0 105.9	106.3 106.0		
Nondurable goods	107.6	109.8 109.7	108.6 108.5	109.7 109.6	109.8 109.7	109.3 109.1	109.9 109.7	110.3 110.1		
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]

			Seas	onally	adjuste	d at ar	nual r	ates
	1985	1986°	198	85		19	86	
			ш	IV	I	II	m	IV <sup>p</sup>
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 Nondurable goods Services	105.1 107.8 117.7	106.5 107.7 123.0	105.0 107.8 118.5	$\begin{array}{c} 105.3 \\ 109.2 \\ 120.0 \end{array}$	105.8 108.4 121.4	$106.0 \\ 106.5 \\ 122.5$	106.9 107.4 123.6	107.4 108.3 124.7
Gross private domestic investment								
Fixed investment	103.1 108.2	105.2 103.3 101.2 104.7 111.5	103.4 102.0 100.0 103.3 108.1	104.0 102.4 100.8 103.5 109.4	104.2 102.5 100.7 103.7 110.1	104.9 103.1 101.1 104.4 111.4	105.5 103.6 101.3 105.0 112.0	105.9 104.0 101.6 105.6 112.5
Net exports of goods and services	ļ					ļ		
ExportsImports		103.9 92.1	103.8 95.4	103.8 96.5	104.3 94.8	104.0 90.9	103.5 90.9	103.6 92.9
Government purchases of goods and services	114.1	117.1	114.4	115.8	116.4	116.7	117.1	118.
Federal National defense Nondefense State and local	111.4	111.8 112.8 109.5 121.0	110.8 111.2 109.7 117.0	112.1 112.9 110.3 118.5	112.3 113.2 110.1 119.4	112.0 112.7 110.1 120.2	111.4 112.5 108.8 121.3	111.5 112.6 108.9 123.1
Addenda:				l .		,		
Final sales Personal consumption expenditures, food	112.2 108.6	115.3 112.2	112.5 108.4	1	114.3 110.3	114.8 110.8	115.5 113.1	116.2 114.5
Personal consumption expenditures, energy	103.2	90.9	103.6	103.3	100.1	90.5	87.7	85.4
expenditures	114.6	119.0	115.2	116.6	117.5	118.4	119.5	120.8

Norg.—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]

			Seas	onally	adjuste	nual r	ates	
	1985	1986°	19	85		19	86	
			Ш	IV	I		$IV^p$	
Gross national product	112.3	115.4	112.6	113.7	114.4		115.6	116.4
Less: Exports of goods and services	104.0 95.9	103.9 92.1	103.8 95.4	103.8 96.5	104.3 94.8	104.0 90.9	103.5 90.9	103.6 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								ļ
Equals: Final sales to domestic purchasers 2	111.4	114.1	111.7	113.0	113.4	113.5	114.3	115.2

<sup>1.</sup> 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]

			Seas	onally	adjuste	ed at ar	nual r	ates
	1985	1986°	19	85		19	86	
		111.5 114.5 1 111.9 114.2 1 104.5 105.3 1 107.5 106.9 1 117.3 122.4 1 101.8 104.0 1 99.3 100.8 101.7 106.6 1 99.1 98.3 1 108.2 111.7 1	Ш	IV	1	П	Ш	ΙV
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	115.8
Durable goods Nondurable goods Services	107.5	106.9	104.5 107.5 118.0	104.3 108.9 119.5	104.5 108.0 120.6	104.7 105.8 121.8	105.9 106.6 123.0	106.0 107.3 124.3
Gross private domestic investment								
Fixed investment Nonresidential Structures Producers' durable equipment Residential Change in business inventories	99.3 101.7	100.8 106.6 98.3	101.7 99.3 101.8 98.0 108.1	102.2 99.4 103.2 97.6 109.4	103.2 100.3 104.4 98.4 110.2	103.6 100.2 106.5 97.6 111.7	101.0	105.0 101.6 108.0 99.0 112.7
Net exports of goods and services								
ExportsImports			101.8 95.0	101.5 95.7	101.5 94.6	100.9 91.0	99.9 89.7	99.8 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 National defense Nondefense State and local	110.0	110.1 110.9 107.8 120.1	109.4 109.6 108.9 116.6	109.7 112.0 104.6 118.0	111.0 111.6 109.2 118.8	111.8 111.7 112.1 119.4	111.6 110.5 115.4 120.3	106. 109. 97. 122.

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
Goods	106.3	106.6	106.4	106.6	106.7	106.3	107.2	106.3
Final sales		106.6	106.2	106.5	106.7	106.4	107.4	106.0
Durable goods	103.5	102.3		102.8	102.9	102.2	102.3	101.7 101.7
Nondurable goods	108.3	110.2	108.5	109.3	109.5	109.8	111.8	110.1 109.6
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]

	4 4 4							
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. Nonfarm. Nonfarm less housing Housing	110.8 110.1 118.8	113.1 113.6 112.4 126.1	110.8 111.3 110.5 119.8	111.7 112.0 111.1 121.9	112.2 112.7 111.7 123.5	113.1 111.9 125.4	113.7 114.1 112.9 126.8	113.7 114.3 112.9 128.5
Farm Statistical discrepancy Statistical discrepancy		92.8 113.1	91.8 110.8	98.1 111.7	92.8 112.2	95.1 112.7	92.9 113.7	90.1 113.7
Households and institutions Private households Nonprofit institutions	102.5	121.9 103.7 123.4	117.8 102.5 119.0	119.0 102.9 120.3	120.4 103.2 121.8	121.5 103.4 123.0	122.6 103.8 124.1	123.3 104.2 124.8
Government Federal State and local	114.8	124.1 117.7 127.3	118.8 114.4 121.2	120.8 116.9 122.8	122.0 117.2 124.5	123.4 117.6 126.3	124.5 117.9 128.0	126.3 118.2 130.5
Rest of the world	112.7	116.0	113.1	114.2	115.0	115.5	116.7	116.9
Addendum:		٠.						
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]

			Seas	onally	adjuste	ed at a	nual r	ates
	1985	1986°	19	85		19	86	
			Ш	IV	I	П	ш	IV
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 95.4 110.4		101.8 95.0 110.7	101.5 95.7 111.7	101.5 94.6 112.2	100.9 91.0 112.2	99.9 89.7 113.0	99.5 92.3 113.6
Plus: Command-basis net exports of goods and services								
Command-basis exports Imports		91.9 91.9	95.0 95.0	95.7 95.7	94.6 94.6	91.0 91.0	89.7 89.7	92.3 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 Furniture and household equipment Other		110.6 100.7 108.4	$\begin{array}{c} 108.2 \\ 100.2 \\ 107.2 \end{array}$	108.6 100.5 107.0	$\begin{array}{c} 109.3 \\ 100.7 \\ 107.5 \end{array}$	110.1 100.4 107.8	110.9 101.0 109.0	112.3 100.6 109.3
Nondurable goods	107.8	107.7	107.8	109.2	108.4	106.5	107.4	108.3
Food	96.0 113.7 92.7 116.6	112.2 106.1 75.3 115.7 74.9 121.3	108.4 106.1 96.7 114.0 90.8 117.2	110.0 107.6 96.5 115.5 95.2 118.3 120.0	110.3 105.9 90.6 115.7 88.0 119.6	110.8 105.1 74.1 115.1 75.2 120.6	113.1 105.7 69.2 115.7 68.7 122.2 123.6	114.5 107.6 67.4 116.2 67.6 122.9
Housing. Household operation Electricity and gas. Other Transportation. Medical care. Other	115.8 114.8 116.9 109.5	124.5 118.4 114.2 122.7 113.7 129.5 121.1	118.7 116.7 115.4 118.1 109.2 123.3 117.7	120.6 116.3 113.8 118.9 110.1 126.1 118.9	122.0 117.6 114.8 120.4 112.8 127.7 119.8	123.8 118.5 114.6 122.5 113.5 128.6 120.5	125.2 119.4 115.1 123.8 113.6 129.9 121.4	127.0 117.9 112.1 123.9 114.9 131.8 122.6

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

[Index numbers, 1982=100]

14 14							
104.0	103.9	103.8	103.8	104.3	104.0	103.5	103.6
98.9	96.6	98.4	97.6	98.1	97.1	95.7	95.5
100.4	99.7	100.2	99.9	99.9	99.5	99.4	99.8
96.9	92.5	95.8	94.5	95.7	94.0	90.7	89.9
111.4	114.4	111.8	112.7	113.3	113.9	114.9	115.5
113.0	116.4	113.4	114.6	115.3	116.1	117.0	117.5
108.5	110.7	108.9	109.5	109.7	110.1	111.0	111.8
95.9	92.1	95.4	96.5	94.8	90.9	90.9	92.9
92.6	86.3	91.8	93.0	90.4	85.0	84.6	87.1
94.9	100.6	94.6	96.2	97.6	99.5	101.7	103.6
90.2	71.9	88.9	89.8	83.1	70.3	67.3	70.4
105.5	108.6	105.9	106.8	107.6	108.0	109.1	109.9
112.7	116.0	113.1	114.2	115.0	115.5	116.6	117.0
99.9	102.9	100.3	101.0	101.8	102.2	103.3	104.4
	98.9 100.4 96.9 111.4 113.0 108.5 95.9 92.6 94.9 90.2 105.5 112.7	98.9 96.6 100.4 99.7 96.9 92.5 111.4 114.4 108.5 110.7 95.9 92.1 92.6 86.3 94.9 100.6 90.2 71.9 105.5 108.6 112.7 116.0	98.9 96.6 98.4 100.4 99.7 100.2 96.9 92.5 95.8 111.4 114.4 111.8 113.0 116.4 113.4 108.5 110.7 108.9 92.6 86.3 91.8 94.9 100.6 94.6 90.2 71.9 88.9 105.5 108.6 105.9 112.7 116.0 113.1	98.9 96.6 98.4 97.6 100.4 99.7 100.2 99.9 96.9 92.5 95.8 94.5 111.4 114.4 111.8 112.7 113.0 116.4 113.4 114.6 108.5 110.7 108.9 109.5 92.6 86.3 91.8 93.0 94.9 100.6 94.6 96.2 90.2 71.9 88.9 89.8 105.5 108.6 105.9 106.5 108.6 105.9 106.1 113.1 114.2	98.9   96.6   98.4   97.6   98.1   1004   99.7   100.2   99.9   99.9   96.9   92.5   95.8   94.5   95.7   1114   114.4   111.8   112.7   113.3   113.0   116.4   113.4   114.6   115.3   108.5   110.7   108.9   109.5   109.7   95.9   92.1   95.4   96.5   94.8   92.6   86.3   91.8   93.0   90.4   94.9   100.6   94.6   96.2   97.6   90.2   71.9   88.9   89.8   83.1   105.5   108.6   105.9   106.8   107.6   112.7   116.0   113.1   114.2   115.0	98.9         96.6         98.4         97.6         98.1         97.1           100.4         99.7         100.2         99.9         99.9         99.5           96.9         92.5         95.8         94.5         95.7         94.0           111.4         111.4         111.8         112.7         113.3         113.9           113.0         116.4         113.4         114.6         115.3         116.1           108.5         110.7         108.9         109.5         109.7         110.1           95.9         92.1         95.4         96.5         94.8         90.9           92.6         86.3         91.8         93.0         90.4         85.0           94.9         100.6         94.6         96.2         97.6         99.5           90.2         71.9         88.9         88.8         83.1         70.3           105.5         108.6         105.9         106.8         107.6         105.0           112.7         116.0         113.1         114.2         115.0         115.5	98.9         96.6         98.4         97.6         98.1         97.1         95.7           100.4         99.7         100.2         99.9         99.9         99.5         99.4           96.9         92.5         95.8         94.5         95.7         94.0         90.7           111.4         111.4         111.8         112.7         118.3         113.9         114.9           113.0         116.4         113.4         114.6         115.3         116.1         117.0           108.5         110.7         108.9         109.5         109.7         110.1         111.0           95.9         92.1         95.4         96.5         94.8         90.9         90.9           92.6         86.3         91.8         93.0         90.4         85.0         84.6           94.9         100.6         94.6         96.2         97.6         99.5         101.7           90.2         71.9         88.9         89.8         83.1         70.3         67.3           105.5         108.6         105.9         106.8         107.6         108.0         109.1           112.7         1116.0         113.1         114.2

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]

			Seas	onally	adjuste	d at ar	nual r	ates
	1985	1986 <sup>p</sup>	19	85	-	198	B6	
			Ш	IV	I	П	Ш	$IV^p$
Merchandise exports	98.9	96.6	98.4	97.6	98.1	97.1	95.7	95.
Foods, feeds, and beverages	95.6	88.2	94.9	89.9	93.1	91.8	84.8	82.
Industrial supplies and materials		91.7	94.1	95.0	94.7	91.9	90.3	90.
Durable goods	95.7	91.7	94.1	95.0	94.7	91.9	90.3	-90.
Nondurable goods		91.7	94.1	95.0	94.7	91.9	90.3	90
Capital goods, except autos		98.8	99.7	99.0	98.7	98.5	98.7	99.
Autos		112.4	110.5	110.7	111.2	112.1	112.7	113
Consumer goods	99.9	102.9	100.1	100.2	101.6	103.0	103.3	103
Durable goods	94.2	96.6	94.5	94.6	95.8	96.6	96.8	97
Nondurable goods	104.3	107.8	104.5	104.6	106.1	108.1	108.4	108
Other	101.2	99.4	100.8	100.2	100.8	100.1	98.4	98
Durable goods	101.1	99.4	100.8	100.2	100.8	100.1	98.4	98
Nondurable goods	101.2	99.4	100.8	100.2	100.8	100.1	98.4	98
Merchandise imports	92.6	86.3	91.8	93.0	90.4	85.0	84.6	87.
Foods, feeds, and beverages	97.8	105.1	96.4	97.7	103.7	106.9	103.0	106.
Industrial supplies and materials,		- 2						
excluding petroleum	87.4	84.5	87.3	85.7	84.9	83.7	84.0	85
Durable goods	87.4	84.6	87.3	85.7	85.0	83.8	84.1	85
Nondurable goods	87.4	84.5	87.3	85.7	84.9	83.7	83.9	85
Petroleum and products	84.5	45.2	82.4	84.2	69.0	42.2	36.6	. 40
Capital goods, except autos	87.9	93.2	87.7	88.6	89.9	92.2	94.5	96
Autos		118.0	106.4	110.6	113.4	116.7	119.3	122
Consumer goods		105.2	99.5	100.8	102.0	103.8	106.3	108
Durable goods	95.9	103.4	95.7	97.6	99.4	102.0	105.0	107
Nondurable goods	104.9	107.7	104.9	105.4	105.8	106.4	108.2	110
Other	96.7	102.1	96.5	97.9	99.3	101.2	102.9	105
Durable goods		102.1	96.5	97.9	99.3	101.2	102.9	105
Nondurable goods	96.7	102.1	96.6	97.9	99.3	101.2	102.9	105

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

[Index numbers, 1982=100]

	20.00		Seas	onally	adjuste	d at an	nual r	ates
	1985	1986°	19	85	1,	198	86	
	1 1 1		Ш	IV	I	п	ш	IV <sup>p</sup>
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		117.2	114.7	115.4	116.7	117.6	117.2	117.2
Vehicles		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.
Petroleum products	79.7	54.8	80.5	79.8	77.6	53.8	42.4	45.
Ammunition	109.4	107.0	109.2	109.5	106.8	107.1	107.1	107.3
Other nondurable goods	107.6	109.5	107.1	108.3	109.3	109.4	109.7	109.
Services	113.6	117.0	113.5	115.9	116.4	116.9	117.2	117.
Compensation of employees	114.5	117.8	113.9	117.0	117.3	117.8	117.9	118.
Military	114.0	118.0	113.1	117.2	117.4	118.0	118.1	118.
Civilian		117.5	115.8	116.6	116.9	117.2	117.6	118.
Other services	112.0	115.4	112.5	113.8	114.8	115.2	115.7	115.
Contractual research and								
development	113.4	114.8	113.7	114.6	115.1	114.8	114.6	114.
Installation support 1		120.1	117.7	118.6	119.4	120.5	120.9	119.
Weapons support 2		113.8	112.6	114.0	114.1	113.8	113.6	113.
Personnel support 3		129.8	110.8	118.2	123.4	127.5	133.1	135.
Transportation of materiel	96.2	97.9	97.0	95.9	98.1	97.8	97.5	98.
Travel of persons		101.8	102.1	102.8	101.3	102.0	101.9	101.
Other	<b></b>	·}	<b></b>	<b></b>	ļ	ļ	ļ	<b></b>
Structures	110.4	115.0	110.8	112.6	113.2	114.2	116.1	116.
Military facilities	. 111.2	116.3	111.8	113.7	114.6	114.9	117.8	117.
Other	109.1	112.9	109.5	110.8	111.0	113.1	113.6	113.

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

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

[Index numbers, 1982=100]

1 -			Seas	onally	adjuste	d at ar	nual r	ates
	1985	1986°	19	85		19	86	
			Ш	IV	I	II	Ш	IV
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 Durable goods Nondurable goods Services Compensation of employees Military Civilian Other services Structures Nondefense Durable goods Nondurable goods	111.4 111.8 89.0 113.6 114.5 114.0 115.6 112.0 110.4 110.0 99.6	112.8 113.0 72.1 117.0 117.8 118.0 117.5 115.4 115.0 109.5 99.6	111.2 111.5 89.5 113.5 113.9 113.1 115.8 112.5 110.8	112.9 111.5 89.2 115.9 117.0 117.2 116.6 113.8 112.6 110.3	113.2 112.2 87.4 116.4 117.3 117.4 116.9 114.8 113.2 110.1 99.9	112.7 113.4 71.4 116.9 117.8 118.0 117.2 115.2 114.2 110.1 99.2	112.5 113.5 63.7 117.2 117.9 118.1 117.6 115.7 116.1 108.8 99.6	112.6 113.0 65.7 117.4 118.3 118.3 118.1 115.7 116.3 108.9 99.5
Nonduranie goods Commodity Credit Corporation inventory change Other nondurables Services Compensation of employees Other services Structures State and local Durable goods Nondurable goods Services Compensation of employees Other services Structures	100.5 113.7 115.5 110.8 107.3 116.3 106.4 99.2 119.8 120.3	109.5 121.0 108.6 90.4	99.8 113.9 115.7 111.0 107.8 117.0 106.5 98.2 120.7 121.2 118.4 111.9	99.3 114.7 116.7 111.7 108.5 118.5 107.3 100.0 122.2 122.8 119.5 112.5	91.6 115.1 117.0 112.2 109.0 119.4 107.4 95.4 123.9 124.5 121.2 112.9	96.3 115.5 117.3 112.7 109.3 120.2 108.1 89.5 125.6 126.3 122.2 113.1	96.7 115.9 117.7 113.1 109.7 121.3 108.6 87.9 127.2 128.0 123.4 113.5	95.8 116.4 118.2 113.6 109.8 123.1 110.2 89.0 129.3 130.5 124.2 114.0

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

[Dollars]

and the second of the second o		-	Seas	onally	adjuste	d at ar	nual r	ates		
	1985	1986°	19	85		19	86			
			ш	IV	I	и и				
Current-dollar cost and profit per unit of constant-dollar gross domestic product <sup>1</sup>	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	ļ		
Indirect business tax and nontax liability plus business transfer					ŀ					
payments less subsidies	.103		.103	.104	.106	.103	.107			
Domestic income	.858 .708	.873 .725	.861 .705	.863 .716	.868 .721	.871 .724	.876 .727			
adjustments Profits tax liability	.106 .032	.107 .035	.113 .033	.105 .033	.105 .032	.106 .034	.109 .036			
Profits after tax with inventory valuation and capital	.075	.072	.080	.072	.073	.072	.072			
consumption adjustments Net interest	.043	.041	.042	.042	.042	.012	.040			

 $<sup>1.\</sup> Equals$  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]

<del> </del>			Seasonally adjusted at annual ra				nual r	ates				Seasonally adjusted at annual rates					
•	1985	1986°	198			198				1985	1986°	19			19		
			Ш	IV	I	II	Ш	IV <sup>p</sup>	·			III	IV	I	11	Ш	IVP
Gross national product: Current dollars	3.3 3.6 3.7	5.3 2.5 2.7 2.5 2.8	6.8 4.1 2.5 2.5 2.8	5.8 2.1 3.6 3.9 4.0	6.2 3.8 2.5 1.9 2.5	2.6 .6 1.8 1.5 1.7	6.4 2.8 3.6 2.5 2.6	2.6 1.7 1.0 2.3 2.6	Government purchases of goods and services: Current dollars	11.2 6.8 4.1 4.5 4.4	6.1 3.7 2.3 2.5 2.7	16.3 13.9 2.1 3.1 3.1	13.1 10.0 2.9 5.5 4.9	-8.5 -12.3 4.3 1.7 2.1	12.0 9.7 2.1 1.5 1.0	6.3 4.5 1.7 .8 1.3	7.4 13.2 -5.4 2.8 3.9
Current dollars	3.5 3.5 3.6	6.2 4.0 2.1 2.4 2.5	8.2 5.3 2.9 2.8 3.0	6.4 1.7 4.3 4.7 4.7	4.6 3.6 1.1 1.4 1.5	5.2 6.2 -1.1 3 4	10.3 6.7 3.6 3.6 3.4	2.9 5 3.2 3.6 3.5	Federal: Current dollars 1982 dollars Implicit price deflator Chain price index Fixed-weighted price index	13.7 10.9 2.5 3.2 2.9	3.7 3.0 .6 .8 .8	25.6 26.0 4 1.3 1.1	24.1 22.7 1.1 6.2 4.9	-24.0 -27.5 4.8 .2 .6	14.1 11.0 2.9 .6 -1.2	1.9 2.5 7 -2.8 -2.0	7.8 30.2 -17.1 -1.6
Current dollars  1982 dollars  Implicit price deflator  Chain price index  Fixed-weighted price index  Nondurable goods:	8.5 7.8 .7 1.0 1.0	8.1 7.3 .8 1.2 1.3	23.7 23.8 0 6 4	-11.6 -11.1 8 1.1 1.0	-1.3 -1.8 .8 1.5 1.8	15.3 14.3 .8 1.2 1.0	51.0 44.6 4.7 3.0 3.2	-9.6 -10.1 .4 2.3 1.8	National defense: Current dollars 1982 dollars Implicit price deflator Chain price index Fixed-weighted price index.	10.4 7.4 2.7 3.0 3.7	7.3 6.5 .8 1.5 1.2	17.3 15.8 1.1 1.7 2.0	3.8 -4.7 9.1 7.7 6.0	$     \begin{array}{r}       -2.4 \\       -1.0 \\       -1.4 \\       0 \\       1.2     \end{array} $	19.3 19.0 4 .4 -1.7	12.6 17.2 -4.2 -3.2 -1.0	$ \begin{array}{r r} -6.7 \\ -4.4 \\ -2.2 \\ -2.3 \\ 5 \end{array} $
Current dollars 1982 dollars	1.6 2.4 2.5 2.5	3.0 3.7 6 1 1	2.3 1.2 1.1 1.1 1.1	6.9 1.6 5.3 5.2 5.2	3.1 6.5 -3.3 -2.9 -2.9	6 8.0 -7.9 -6.6 -6.8	1.9 9 3.1 3.4 3.2	3.1 .4 2.7 3.6 3.5	Nondefense: Current dollars	24.3 21.4 2.3 3.7 1.1	-6.1 -6.2 1 -1.0	53.5 59.9 -4.6 .1 -1.1	95.3 130.2 -14.9 2.0 2.3	-60.9 -67.1 18.8 .6 9	4 -10.3 11.1 1.3	-26.5 -34.6 12.3 -1.6 -4.7	70.6 238.7 - 49.5 1.3
Current dollars  1982 dollars  Implicit price deflator  Chain price index  Fixed-weighted price index  Gross private domestic investment:	5.0 5.2	7.9 3.4 4.3 4.5 4.5	8.3 3.2 4.9 5.0 5.1	11.4 6.0 5.2 5.4 5.2	7.2 3.2 3.7 4.3 4.6	6.5 2.6 4.0 3.6 3.8	6.5 2.4 4.0 3.8 3.6	6.6 2.3 4.3 4.0 3.8	State and local: Current dollars	9.3 3.7 5.4 5.5	8.0 4.3 3.5 3.8	9.7 5.1 4.2 4.5	5.1 .3 4.9 4.9	5.3 2.6 2.7 2.9 3.2	10.7 8.7 2.0 2.2 2.6	9.6 6.1 3.0 3.5 3.7	7.0 1.1 6.1 6.0
Current dollars	7	3.8 1.9	-5.7 -7.0	7.6 6.0	25.3 20.2	-11.8 -10.8	-6.5 -7.8	8 -7.5	Fixed-weighted price index	5.5 3.4 3.4	3.6 2.3	4.6 4.6 2.5	5.0 4.0 4.4	3.0 1.2	3.6 .6	3.7 2.7	.9 3.2
Fixed investment: Current dollars 1982 dollars Implicit price deflator Chain price index Fixed-weighted price index	7.7 .9 1.2	3.9 1.6 2.2 1.6 1.8	3.9 3.2 .8 .8 1.4	11.7 9.9 2.0 2.1 2.4	-4.8 -8.4 4.0 .2 .9	5.2 3.5 1.6 3.2 2.8	4.5 1.2 3.1 2.1 2.0	1.4 8 2.3 2.0 1.8	Fixed-weighted price index	3.6 4.2 3.6 3.6	2.5 2.5 2.5 2.7	2.8 6.1 2.6 2.7	4.5 2.7 4.0 3.9	-1.3 $1.9$ $2.4$	3.4 1.5 1.7	2.8 4.5 2.5 2.6	3.4 3.0 2.3 2.5
Nonresidential: Current dollars 1982 dollars Implicit price deflator Chain price index Fixed-weighted price index	9.3 .6 .9	1.5 .9	.5 .1 .4 .7 1.5	12.9 12.5 .4 .8 1.6	-11.9 -15.1 3.7 7	$ \begin{array}{c c} -1.5 \\9 \\4 \\ 2.2 \\ 2.2 \end{array} $	1.3 -2.1 3.2 2.2 2.0	$     \begin{array}{r}      8 \\       -3.0 \\       2.4 \\       2.1 \\       1.8     \end{array} $	Final sales to domestic purchasers: 1982 dollars	4.8 3.4 3.5	3.6 2.3 2.4	6.6 2.6 2.8	4.7 4.4 4.5	-1.8 1.3 1.6	6.4 .6 .3	5.4 2.8 2.8	2.0 3.2 3.3
Structures: Current dollars	11.1 7.7 3.1 1.8	-7.2 -11.5 4.8 1.6		5.8 .3 5.6 3.2 3,1	-6.5 -10.8 4.7 .2 3	-29.8 -35.2 8.3 2.6	-5.5 -9.8 5.0 1.3 1.0	-2.6	1982 dollars	2.8 3.3 3.0 3.3	2.8 2.4 2.7 2.7	3.9 2.6 4.4 2.5	1.6 4.4 1.9 3.6	4.3 1.8 3.7 2.5	1.9 .4 1.4 1.8	3.1 3.2 2.6 3.6	.5 2.5 2.1 1.0
Producers' durable equipment: Current dollars	9.4 10.1 6	3.8 3.6 .2	2.1 2.6 4	16.9 18.7 -1.6	-14.5 -17.0 3.3	15.8 19.6 -3.2	4.5 1.2 2.9 2.6	0	Business:  1982 dollars Implicit price deflator  Nonfarm:  1982 dollars Implicit price deflator	3.1 3.0 3.0 3.5	2.8 2.4 2.7 2.5	4.8 2.2 3.9 2.9	1.9 3.3 1.1 2.5	4.0 1.8 4.9 2.5	1.4 1.8 .8 1.4	2.7 3.6 2.6 3.6	2.1 0 2.5 .7
Chain price index Fixed-weighted price index  Residential: Current dollars 1982 dollars Implicit price deflator Chain price index Fixed-weighted price index	5.7 3.9 1.8 1.8 1.8	1.6 12.9 9.4 3.2	12.6 11.7 1.1 1.0	8.7 8.7 3.4 4.9 5.2 5.1	14.2 11.0 3.0	2.0 2.6 21.0 14.5 5.6 5.5 4.7	11.6 9.7 1.8	6.1 4.3 1.8	Disposable personal income: Current dollars	5.9 2.3	5.2 3.0	-1.4 -4.0	7.3 2.6	7.5 6.5	6.0 7.1	-3.1	2.9 5
Exports of goods and services: Current dollars	$ \begin{array}{c c} -3.4 \\ -2.0 \\ -1.4 \\ -7 \\4 \end{array} $	.9 2.5 -1.7 6	-8.1 -5.8 -2.3 -2.2	6.7 8.2 -1.2 6 2	7.4 7.1 0 1.2	$ \begin{array}{r} -12.0 \\ -9.8 \\ -2.3 \\ -1.7 \end{array} $	8.9 13.3 -3.9 -1.4	14.3 16.1 -1.6 .5		aviete							
Imports of goods and services: Current dollars	$\begin{array}{c} 1.6 \\ 3.8 \\ -2.1 \\ -2.0 \\ -1.9 \end{array}$	6.7 10.7 -3.7 -1.7	$ \begin{array}{c c} -1.0 \\ .3 \\ -1.3 \\ -1.6 \end{array} $	27.1 23.3 3.0	-4.2 .2 -4.5 -4.4	9 15.8 -14.4 -8.5	10.9 17.3 -5.6 1.4	17.1 4.8 12.1		TA L		st. Name					

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.

## 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

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.

planned improvements. 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

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.

<sup>2.</sup> 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
4	To affiliated foreign		Ditto	Ditto	1984: 9.0	MOFA's of U.S. banks. Ditto.
5	persons.  To unaffiliated foreign persons.		Ditto	Ditto	1984: 49.0	Ditto.
6	persons.	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
7	Sales of services by U.S. residents.				Incomplete information available	noninterest income of banks.
9	To affiliated foreign persons only.	All industries			1984: 6.3 1985: 6.8 1984: 4.5	Questions on sales of services
			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.	1986: 4.8	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-665), 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,	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.
				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,		
13		Telecommunications	Information provided to BEA by common carriers.	presentations, and events.  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 o selected services (see line 12, column 4), which would requir reporting of both basic and value added services. Coverage of basic services would be improved, and value added services would be overed for

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
15		Film rentals	BEA survey: International Transactions in Royalties, Licensing Fees, Film Rentals, Management Fees, etc., with Unaffiliated Foreign Residents (BE-	Film rental receipts	1984: 0.4 1985: 0.4	recently made mandatory.
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 B4. 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	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).	to and from the United States.  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	1	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	1	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)
1						commissions on securities, commodities, and futures transactions. Currently, sources of information are not available to estimate several items, including leasing transactions with unaffiliated parties,
					744 100 - 10	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
25	To both affiliated and	Insurance	Sum of lines 26 and 27		Incomplete	Data to find ways to develop estimates of noninterest income of banks and other financial institutions.
26	unaffiliated foreign persons.	Reinsurance	BEA survey: Reinsurance	Net premiums received on reinsurance	information available 1984: 1.2	Reporting on form BE-48 was
122		Refuser	Transactions with Insurance Companies Resident Abroad (BE-48).	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.	1985: 1.8	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	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	1984: 1.6 1985: 1.7	Plans are to add detail on type of intangible asset beginning with the survey covering 1987.
			Management Fees, Etc., with Unaffiliated Foreign Residents (BE- 93).	disaggregated by country. The estimates are linked to direct investment benchmark survey data.		
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	Nonbank industries	Sum of lines 35 and 36		Incomplete information available	Nem.
	companies and by U.S. affiliates of foreign companies.				**************************************	
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 or 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.<sup>3</sup>

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 for-

eign 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.

## 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.<sup>5</sup> 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

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 abroaddirect 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."

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.

<sup>3.</sup> 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 outlavs).

<sup>4.</sup> 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.

<sup>5.</sup> 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."

#### **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." 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.)

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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.

<sup>6.</sup> 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

<sup>7.</sup> 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.

<sup>8.</sup> 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 otherssuch 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

	,	1 1		Mil	lions of doll	ars		<u> </u>		Services	as a perce	entage o
	10 July 19	1982	- 1		1983			1984		-		
A STATE OF THE STA	Total	Goods	Services	Total	Goods	Services	Total	Goods	Services	1982	1983	1984
U.S. parents												
ll nonbank parents of nonbank affiliates	2,348,388	1,814,963	533,425	2,377,488	1,830,974	546,513 529,863	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 16.650	n.a.	n.a.	533,812 18,557	25.0 6.0	n.a.	n.a n.a
To foreign persons  To foreign affiliates	. 280,853 109,497	263,862 106,134	16,991 3,363	n.a. n.a.	n.a. n.a.	3,389	n.a. n.a.	n.a. n.a.	4,584	3.1	n.a. n.a.	n.a
To other foreign persons		157,728	13,628	n.a.	n.a.	13,261	n.a.	n.a.	13,973	8.0	n.a.	n.a
Foreign affiliates												
ll 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.s
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.
To affiliated persons	159,875	n.a.	n.a.	162,177	146,344	15,833 49,949	173,088	156,305	16,783	n.a.	9.8 9.2	9. 9.
To unaffiliated persons		n.a.	n.a.	543,634	493,685	1 1	543,322	492,812	50,510	n.a. 9.7	10.6	10.
To U.S. persons	76,780 63,572	69,331 n.a.	7,449 n.a.	76,814 64,187	68,650 57,489	8,164 6,698	88,956 75,671	79,583 67,848	9,373 7,823	9.7 n.a.	10.6	10.
To U.S. parents 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	îi.
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 9.3	9.
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.
To unaffiliated foreigners	1	n.a.	n.a.	531,006	482,524	48,483	530,036	487,076	48,960	n.a.	9.1	
Local sales	477,961	426,942	51,469	457,048 24,945	407,404 19,496	49,645 5,448	455,081 24,056	405,464 19,072	49,617 4,984	10.8 n.a.	10.9 21.8	10. 20.
To other foreign affiliates To unaffiliated foreigners	28,127 449,834	n.a. n.a.	n.a. n.a.	432,103	387,907	44,196	431,025	386,392	44,633	n.a.	10.2	10.
Sales to other countries		168,094	7,400	171,948	163,976	7,973	172,372	164,069	8,303	4.2	4.6	4.
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 4.3	5. 4.
To unaffiliated foreigners	- "	n.a.	n.a.	98,903	94,616	4,287	99,011	94,684	4,327	n.a.	4.0	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
	ļ .	. %_2			Percent	change from	n previous y	ear				
U.S. parents			1.								e de la	
ll nonbank parents of nonbank affiliates				1.2	0.9	2.5	6.0	7.5	1.1			
To U.S. persons. To foreign persons.				n.a. n.a.	n.a. n.a.	2.6 -2.0	n.a. n.a.	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				;			Harris de					1
								1		1		
ll nonbank affiliates of nonbank parents				-5.3	n.a.	n.a.	.9	n.a.	n.a.			
All nonbank affiliates of nonbank parents					[	44		1.,	29			
Majority-owned affiliates To affiliated persons				-3.3 1.4	n.a. -3.6 n.a.	n.a. 8 n.a.	.9 1.5 6.7	1.4 6.8	2.3 6.0			
Majority-owned affiliates To affiliated persons. To unaffiliated persons.				-3.3 1.4 -4.7	-3.6	8 n.a. n.a.	1.5 6.7 1	1.4 6.8 2	2.3 6.0 1.1			
Majority-owned affiliates. To affiliated persons. To unaffiliated persons. To U.S. persons				-3.3 1.4 -4.7 (*)	-3.6 n.a. n.a. -1.0	8 n.a. n.a. 9.6	1.5 6.7 1 15.8	1.4 6.8 2 15.9	2.3 6.0 1.1 14.8			
Majority-owned affiliates To affiliated persons To unaffiliated persons To U.S. persons To U.S. parents				-3.3 1.4 -4.7 (*) 1.0	-3.6 n.a. n.a. -1.0 n.a.	8 n.a. n.a. 9.6 n.a.	1.5 6.7 1 15.8 17.9	1.4 6.8 2 15.9 18.0	2.3 6.0 1.1 14.8 16.8			
Majority-owned affiliates To affiliated persons. To unaffiliated persons To U.S. persons To U.S. parents. To unaffiliated U.S. persons				$ \begin{vmatrix} -3.3 \\ 1.4 \\ -4.7 \\ (*) \\ 1.0 \\ -4.4 \end{vmatrix} $	-3.6 n.a. n.a. -1.0 n.a. n.a.	8 n.a. n.a. 9.6 n.a. n.a.	1.5 6.7 1 15.8 17.9 5.2	1.4 6.8 2 15.9 18.0 5.2	2.3 6.0 1.1 14.8 16.8 5.7			
Majority-owned affiliates To affiliated persons To unaffiliated persons To U.S. persons To U.S. parents To unaffiliated U.S. persons To dereign persons To other foreign affiliates				-3.3 1.4 -4.7 (*) 1.0 -4.4 -3.7 1.8	-3.6 n.a. n.a. -1.0 n.a. n.a. -3.9 n.a.	8 n.a. 9.6 n.a. n.a. -2.1 n.a.	1.5 6.7 1 15.8 17.9	1.4 6.8 2 15.9 18.0 5.2 3 4	2.3 6.0 1.1 14.8 16.8 5.7 .5 -1.9			
Majority-owned affiliates To affiliated persons To unaffiliated persons To U.S. persons To U.S. parents To unaffiliated U.S. persons  To foreign persons To other foreign affiliates To unaffiliated foreigners				-3.3 1.4 -4.7 (*) 1.0 -4.4 -3.7 1.8 -4.7	-3.6 n.a. n.a. -1.0 n.a. n.a. -3.9 n.a.	8 n.a. 9.6 n.a. n.a. -2.1 n.a.	1.5 6.7 1 15.8 17.9 5.2 2	1.4 6.8 2 15.9 18.0 5.2 3 4	2.3 6.0 1.1 14.8 16.8 5.7 .5 -1.9			
Majority-owned affiliates To affiliated persons To unaffiliated persons To U.S. persons To U.S. persons To U.S. perents To unaffiliated U.S. persons To officient persons To officient persons To other foreign affiliates To unaffiliated foreigners Local sales				-3.3 1.4 -4.7 (*) 1.0 -4.4 -3.7 1.8 -4.7	-3.6 n.a. n.a1.0 n.a. n.a3.9 n.a. n.a4.6	8 n.a. n.a. 9.6 n.a. n.a. -2.1 n.a. n.a.	1.5 6.7 1 15.8 17.9 5.2 2 6 2	1.4 6.8 2 15.9 18.0 5.2 3 4 .9	2.3 6.0 1.1 14.8 16.8 5.7 -1.9 1.0			
Majority-owned affiliates To affiliated persons To unaffiliated persons To U.S. persons To U.S. parents To unaffiliated U.S. persons  To foreign persons To other foreign affiliates To unaffiliated foreigners				-3.3 1.4 -4.7 (*) 1.0 -4.4 -3.7 1.8 -4.7	-3.6 n.a. n.a. -1.0 n.a. n.a. -3.9 n.a.	8 n.a. 9.6 n.a. n.a. -2.1 n.a.	1.5 6.7 1 15.8 17.9 5.2 2	1.4 6.8 2 15.9 18.0 5.2 3 4	2.3 6.0 1.1 14.8 16.8 5.7 .5 -1.9			
Majority-owned affiliates To affiliated persons. To unaffiliated persons To U.S. persons To U.S. persons To U.S. perents. To unaffiliated U.S. persons  To foreign persons To other foreign affiliates To unaffiliated foreigners.  Local sales To other foreign affiliates To unaffiliated foreigners.				-3.3 1.4 -4.7 (*) 1.0 -4.4 -3.7 1.8 -4.7 -4.4 -11.3 -3.9	-3.6 n.a. n.a1.0 n.a. n.a3.9 n.a. n.a4.6 n.a. n.a.	8 n.a. n.a. 9.6 n.a. n.a2.1 n.a. n.a3.5 n.a. n.a.	1.5 6.7 1 15.8 17.9 5.2 2 6 2 4	1.4 6.8 2 15.9 18.0 5.2 3 4 .9 5	2.3 6.0 1.1 14.8 16.8 5.7 .5 -1.9 1.0 1 -8.5 1.0			
To unaffiliated persons To U.S. persons To U.S. persons To U.S. persons To unaffiliated U.S. persons To foreign persons To other foreign affiliates To unaffiliated foreigners Local sales To other foreign affiliates To unaffiliated foreigners Sales to other countries To to ther foreign affiliates		22		-3.3 1.4 -4.7 (*) 1.0 -4.4 -3.7 1.8 -4.7 -4.4 -11.3 -3.9 -2.00 7.1	-3.6 n.a. n.a1.0 n.a. n.a3.9 n.a. n.a4.6 n.a2.4 n.a.	8 n.a. n.a. 9.6 n.a. n.a. -2.1 n.a. n.a. n.a. 7.7 n.a.	1.5 6.7 1 15.8 17.9 5.2 2 6 2 3.6 2 2	1.4 6.8 - 2 15.9 18.0 5.2 3 4 .9 5 - 2.2 4 1.0 (*)	2.3 6.0 1.1 14.8 16.8 5.7 .5 -1.9 1.0 1 -8.5 1.0			
Majority-owned affiliates To affiliated persons. To unaffiliated persons. To U.S. persons To U.S. persons To U.S. persons To unaffiliated U.S. persons To unaffiliated U.S. persons To officeign persons. To other foreign affiliates To unaffiliated foreigners Local sales. To other foreign affiliates To unaffiliated foreigners Sales to other countries		22		-3.3 1.4 -4.7 (*) 1.0 -4.4 -3.7 1.8 -4.7 -4.4 -11.3 -3.9 -2.0	-3.6 n.a. n.a1.0 n.a. n.a3.9 n.a. n.a4.6 n.a. n.a2.4	8 n.a. n.a. 9.6 n.a. n.a2.1 n.a. n.a3.5 n.a. 7.7	1.5 6.7 1 15.8 17.9 5.2 2 4 36 2 .2	1.4 6.8 2 15.9 18.0 5.2 3 4 .9 5 2.2 4	2.3 6.0 1.1 14.8 16.8 5.7 .5 -1.9 1.0 1 -8.5 1.0			

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-

Table 3.—Sales of Services by Nonbank U.S. Parents, by Industry of U.S. Parent, 1982-84
[Millions of dollars]

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

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

<sup>9.</sup> 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.

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					
					То	U.S. pers	ons	To fo	reign per	sons		To U.S. persons			To foreign persons		
	Total :	To U.S. persons	To foreign persons	Total	Total	To U.S. parents	To unaffili- ated U.S. persons	Total	To foreign affili- ates	To unaffili- ated foreign- ers	Total	Total	To U.S. parents	To unaffili- ated U.S. persons	Total	To foreign affili- ates	To unaffili- ated foreign- ers
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 7,324	268 45	12,085 7,280	10,205 6,022	349 42	101 6	248 35	9,855 5,980	2,874 412	<b>6,981</b> 5,568	9,189 5,228	385 ( <sup>D</sup> )	107 ( <sup>D</sup> )	278 (D)	8,804 ( <sup>D</sup> )	2,833 (D)	5,971 (D)
refining) and natural gas	48 7,277 629 314 4,085	0 45 ( <sup>D</sup> ) 27 ( <sup>D</sup> )	48 7,232 (P) 286 (P)	71 5,951 681 254 3,248	0 42 (P) 38 (P)	0 6 ( <sup>D</sup> ) 28 ( <sup>D</sup> )	0 35 (P) 10 (P)	71 5,909 (P) 216 (P)	371 (P) 32 (P)	29 5,539 (P) 185 (P)	200 5,028 586 181 3,194	0 (P) 84 30 (P)	0 (P) 84 21 (P)	(a)	200 (b) 502 151 (b)	52 (P) 223 24 (P)	148 (P) 279 127 (P)
Manufacturing Food and kindred products. Chemicals and allied products. Primary and fabricated metals. Machinery, except electrical. Electric and electronic equipment Transportation equipment. Other manufacturing.	5,170 5 238 43 3,974 361 94 455	415 (*) (*) (*) 1 (*) (*) (*)	4,755 4 (P) 42 (P) (P) 93 (P)	5,264 26 178 20 4,306 193 80 461	588 1 1 1 (P) (P)	584 1 (*) (P) (P) 1 (P)	4 0 (*) (*) (*) (*) (*) (*) (*)	4,675 25 177 19 (P) (P) 79 (P)	702 4 20 3 (P) (P) 55 (P)	3,973 22 158 17 (P) 180 24 (P)	5,723 34 209 19 4,735 219 68 438	658 (*) (*) 1 (*) (*) (*) (*)	656 0 (*) (*) (*) (*) (*) (*)	(*) 0 1 (P) (*) (*) (P)	5,065 34 209 18 (P) (P) 67 (P)	655 20 2 3 (P) (P) 49	4,409 14 207 15 (P) 206 18 (P)
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 Finance, except banking. Insurance Real estate. Holding companies.	23,473 9,856 13,376 200 41	5,401 3,557 1,840 2 1	18,073 6,299 11,536 198 40	23,670 10,288 13,146 222 14	5,984 4,540 1,441 1	5,008 4,341 665 1	976 199 776 (*)	17,686 5,748 11,705 221 11	2,079 1,333 686 57 3	15,606 4,415 11,019 164 8	25,886 11,981 13,724 169 12	6,933 5,474 1,457 1	5,993 5,327 665 1	940 147 793 (*) 0	18,952 6,507 12,267 168 11	2,153 1,446 671 29 8	16,799 5,061 11,596 139
Services	16,591 1,524 7,798 (P)	952 ( <sup>D</sup> ) 892 2	15,639 ( <sup>D</sup> ) 6,926 ( <sup>D</sup> )	16,922 1,501 7,924 ( <sup>D</sup> )	960 (P) 834 2	804 (*) 714 (*)	157 (P) 121 1	15,961 (P) 7,090 (P)	2,127 33 1,075 88	13,834 ( <sup>b</sup> ) 6,015 ( <sup>D</sup> )	16,050 1,527 7,768 1,459	1,030 1 915 2	895 (*) 816 (*)	135 1 99 1	15,020 1,526 6,853 1,457	2,031 39 993 84	12,989 1,487 5,859 1,372
Management, consulting, and public relations services Equipment rental (ex. automotive	(P)	575	. (Р)	(D)	585	538	47	, (P)	(P)	(P)	1,806	658		30	1,148	1	561
and computers)	(P) 779	34 397	(P) 40	(P) 789	(P) 45	(P) 32	(P) 12	(P) 744	(P) 117	(P) 627	(P) 829 (P)	(P) 42 (P)	(P) 30 (P)	(*) 12 55	( <sup>D</sup> ) 787 (P)	122 (P)	665
Other Motion pictures, including television tape and film	(P) 1,413	222 ( <sup>D</sup> )	(P) (P)	(P) 1,910	(P)	(D)	(D)	(P) (P)	( <sub>D</sub> )	(p)	1,944	29	20	1000	1,915	1	
Engineering, architectural, and surveying services	3,176 898 1,782	47 0 (P)	3,130 898 ( <sup>D</sup> )	2,680 1,039 1,868	75 0 (P)	60 (P)	15 0 (P)	2,606 1,039 ( <sup>D</sup> )	211 193 ( <sup>D</sup> )	2,394 846 ( <sup>D</sup> )	2,354 766 1,692	54 0 31	40 0 19	0	2,299 766 1,661		607
Other industries  Agriculture, forestry, and fishing Mining Construction Transportation, communication, and	<b>4,991</b> (P) 109 533	284 (P) 0 5	4,707 (P) 109 529	4,980 59 130 330	147 2 0 (*)	71 2 0 (*)	76 0 0 (*)	4,834 57 130 330	931 (*) 51 46	3,903 57 79 284	4,693 72 142 187	180 (*) 0 (*)	(*) (*)	(*)	4,513 72 142 187	(*) 53 58	72 89 129
public utilities	4,227 (P)	273 (P)		4,394 67	144 (*)	69 (*)	76	4,250 67	833 2	3,417 65	4,213 79	179 (*)		112 (*)	4,033 79	768 3	3,265 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

<sup>&</sup>lt;sup>D</sup> 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

<sup>10.</sup> 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.

<sup>11.</sup> 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.

<sup>12.</sup> 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

### SURVEY OF CURRENT BUSINESS

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

[Millions of dollars]

						[Millions	of dollars	]										
		1982					1983							1984				
					То	U.S. pers	ons	To fo	reign per	sons		То	U.S. pers	ons	To fo	reign per	rsons	
	Total	To U.S. persons	To foreign persons	Total	Total	To U.S. parents	To unaffili- ated U.S. persons	Total	To foreign affili- ates	To unaffili- ated foreign- ers	Total	Total	To U.S. parents	To unaffili- ated U.S. persons	Total	To foreign affili- ates	To unaffili ated foreign ers	
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	48,96	
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	35,61	
Canada	11,114	352	10,762	11,245	333	157	175	10,912	304	10,609	11,290	333	140	193	10,957	258	10,69	
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	19,90	
European Communities (10)	21,058	1,686	19,371	21,456	1,549	1,209	340	19,907	3,140	16,767 660	22,473	1,763	1,365	398	20,710	3,092	17,61	
Belgium Denmark	1,014 196	182 (D)	832 (D)	920 263	107 1	95 1	12 (*)	813 262	153 68	194	1,008 306	154 1	137	16	855 305	156 77	69	
FranceGermany	3,179 3,141	350 229	2,829 2,911	3,255 3,415	354 284	328 251	(*) 27 33 7	2,900 3,130	483 307	2,418 2,823	3,299 3,388	· 379 242	354 201	(*) 25 41	2,920 3,146	436 253	2,48 2,89	
GreeceIreland	72 84	(P) 1	(P) 83	54 99	8 6	1 6	7	. 46 93	2 26	44 68	53° 93	8	$\begin{vmatrix} 1 & 1 \\ 3 & 3 \end{vmatrix}$	(*)	45 90	4 11	4	
Italy Luxembourg	1,139 11	44	1,095 11	1,317	35 0	35 0	(*)	1,283	26 85 1 3	1,198	$1,376 \\ 12$	31 0	30	1 0	1,345 12	95 5	1,24	
Netherlands	2,344 9,878	197 660	2,147 9,218	2,675 9,449	164 589	148 344	16 245	2,510 8,860	676 1,338	1,834 7,522	2,692 10,246	125 820	111 526	14 294	2,567 9,427	728 1,328		
United Kingdom Other Europe	2,865	293	2,573		312	249	62	2,504	332	2,172	2,912	212	183		2,700	412	2,28	
Austria Finland	273 99	(P) (*)	(P) 99	2,815 271 104	( <u>P</u> )	(P) (*)	(P)	(P) 104	(P) 7	(P) 97	267 109	(*)	(*)	29 (*)	266 109	25 3	24 10	
Norway	262	0	262 69	226	(*) (*) 0		ကို	226	12	214	237 76	(*)	(*)	(*)	237 76	13 6	22	
Portugal Spain	69 524 512	17	508	66 473	2	2	0	66 471	3 34 49	63 437	546	3	3 3	(*)	543	39 52	50	
Sweden Switzerland	1,062	(P) 220	(D) 842	413 1,198	$\frac{5}{271}$	225 225	(*) 46	408 927	194	359 733	389 1,213	3 (P)	(D)	(a)	386 (P)	(D)	38	
Turkey Other	26 38	0 (P)	26 (P)	27 38	(P)	0	(P)	27 ( <sup>D</sup> )	3 (D)	24 (D)	30 45	(P)	(P)	(a)	30 (P)	3 (D)	2	
Japan	1,516	62	1,453	2,132	212	195	17	1,921	44	1,877	2,564	314	292	22	2,249	27	2,22	
Australia, New Zealand, and South	0.050		0.004	. 0.050	- 00					0.010	0.000	05	10		0.000	101	0.70	
Africa Australia	3,059 2,658	26 (P) (D)	3,034 (P)	2,950 2,497	23 (P) (P)	11	12 (D) (D)	2,926 (P)	116 94	2,810 (P)	2,936 2,476	27 21	13 10	14 11	2,909 2,455	121 101	2.35	
New Zealand South Africa	122 280	(b) 1	(P) 278	122 331	(P) 2	(*)	(P) 1	328	94 23 (*)	328	140 321	21 2 5	(*)	2	137 317	20	11 31	
Developing countries	18,597	5,030	13,567	18,765	5,736	4,876	860	13,029	2,142	10,886	19,472	1	5,829	893	12,749	2,086	10,66	
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		7,045	1,756	5,28	
South America	2,892	24	2,868	2,297	8 2	7	(2)	2,289	156	2,133	2,139	6	6	1	2,132	120		
Argentina Brazil	483 1,025	3 3	1,022	380 878	2	2 2 0	(*)	379 876	51 11	327 864	397 834	2 3	. 3	1 (*)	395 831	8 9		
ChileColombia	57 264	0 4	260	48 224	0 2	0 2	(*)	48 222	25	44 197	67 220	(*)	(*)	(*)	67 220	28 28	19	
Ecuador Peru	59 93	0	93	63 76	0	2 0 0 2	0	63 76	26	36 71	71 49	0		0	71 49	28 4	:	
Venezuela Other	838 74	14	824	558 70	Ž		(*)	556 70	28 5	528 65	420 80	1 0	1 0		418 80	33 5	3	
Central America	792	122		765	253	1	225	512	38	474	842	273	19	254	568	47	5	
MexicoPanama	532 179	40 (D)	492	388 303	(P)	28 (P) (P)	225 22 202	(D)	(D)	348 67	418 342	(P)	(P)	(P)	(D)	(P) (P) 15		
Other	81	(10)	(P)	74	(*)	(*)	(*)	(P) 74	Ì5	59	82	(*)	(*)	(*)	, 82		1	
Other Western Hemisphere Bahamas	9,177 308	4,736	4,441 279	9,535 327	5,311 19		610 (P)	4,225 308	1,581	2,644	10,613 396	6,268 14	5,643	625	4,344 382	1,589 100	1 2	
BermudaJamaica	4,513 36	1,575	2,938 36	3,836 37	1,162		469	2,674 37	1,107 10	1,568 27	4,011 38	1,286	778	508	2,724 38	1,090	1,6	
Netherlands Antilles Trinidad-Tobago	(Þ) 63	(P)	(P)	(P) 65	3,965	3,873	93	(P) 65	(P) 1	359 64	5,642 66	4,867	4,778	89	775	327	4	
United Kingdom Islands, Caribbean	466		1	411	(P)	(D)	(D)	(P)	(0)	(D)	279	(10)	1 1 2 1 2			(B)	1.0	
Other	(P)			(P)	, (e)		. 6	(%)	(6)		180	(P)				(9)		
Other AfricaSaharan	895 435	36	1 435	868 450	19	12	8	848 450	27 12	821 438	809 434	(P) (*)	(P) (*)	(P) 0	(P) 434	(P) 10	4	
EgyptLibya	247	(*)	247 121 67	246	(*)	(*) (*)	()	246	12 1 10	245	225 160	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	0	1 0	225 160 50	1 9	. 2	
OtherSub-Saharan	67 460		11 67	246 151 53 418	1 0		1 0	246 151 53 399 ( <sup>b</sup> )	1 1	52	50 375	(*) (*) (*)	g g	ŏ	50	1	1	
Liberia	69 156	36 (P) (D)	424 (P)	1 59	(P) (P) (P)	12 (P) (P)	8 (P) (P)	(P)	15 (P) (P) 7	(P)	69	(P)	(*) (P) (P)	(P) (P) 0	(P) (P)	(P) (P) 2		
Nigeria Other	235		235	152 207	0	0	(2)	207	7	201	120 186			'   °	120 185	4	1	
Middle East	2,430	16	2,420	2,711	10	6	5	2,701	260	2,441	2,473	12	7		2,461	255		
IsraelSaudi Arabia	165 1,658	(b)	162 (P)	161 2,092	3	(D) 5	(*)	157 2,087		1,854	159 1,769	1 2	21 2	88	1,766	243	1,5	
United Arab Emirates Other	357 250	(D	(P) 354	302 156	(*)	(P)	(*) (D)	302 154	(P)	301 ( <sup>D</sup> )	294 252	(*) (D)		(*) (*) (*) (*)	294 (D)	1 7	2	
Other Asia and Pacific	2,411	1	1	2,589	135						2,596	(P)	(D)	(D)	(P)	(D)	)	
Hong KongIndia	1,067 27	102 39 (0 (0 47	1,028	1,126 35	135 51 0	123 (P) 0	12 (D) 0	1,075 35	· (*)	(b) 34	1,210 39	1 1	) (	0 0	1,162 39	(*)	1,1	
IndonesiaMalaysia	202 78	2 3 P	200	265 103	(*)	8		265 102	1 3	264 99	220	(*)		)  0	220 86	1 3	2	
Philippines Singapore	295	(P 47	(P) 363	969	55	) () 49	0 7	268	4 9	266	220 86 252 427	(*) 5 (P)	(*) [5]	() (P)	248	2	2	
South Korea Taiwan			363 82 82 52	93 75	(*) (*) 0 55 (°)	(P)	0	392 (P)	49 (P)	74 (P)	85 92 82	(P) (P)	(0)	0 (9)	(P) (P)		{	
Thailand	67	7   (	0   67	1 70			0	70	1	. 69	82	1	. 1	[] 0	81	2	<b>:</b>	
			131	107	1 0	ט וי	1 0	107	4	103	102	0	71 (	)   " 0	102	3	3-	
Other	i	4	1										.1					
Other International Addendum—OPEC	8,108 3,501	3	8,108	1 1			1	6,418 3,643		1	5,646 3,206	1 .		1		2,963 317		

<sup>&</sup>lt;sup>D</sup> 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 onethird-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 onefourth 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 utili-

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 man-

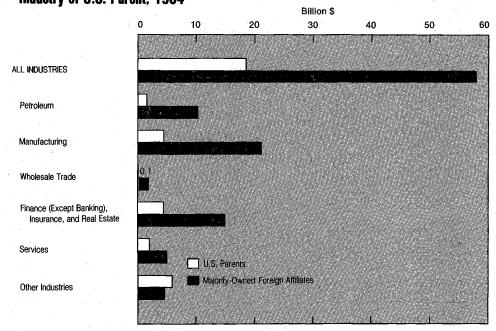
ufacturing" (95 percent) and nonelectrical machinery (92 percent).

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 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.<sup>13</sup> 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

## 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

CHART 5

<sup>13.</sup> 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 feesfranchise 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.

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. parent MOFA's	and	Ву	U.S. pare	nts	В	y MOFA	5
	Total	To foreign affili- ates	To unaf- filiated foreign- ers	Total	To foreign affili- ates	To unaf- filiated foreign- ers	Total	To foreign affili- ates	To unaf- filiated foreign- ers
All industries	74,268	12,523	61,744	16,650	3,389	13,261	57,617	9,134	48,483
Petroleum Oil and gas extraction	13,112 3,973	4,737 405	8,375 3,568	1,571 588	787 160	783 428	11,541 3,385	3,950 245	<b>7,592</b> 3,140
Crude petroleum extraction (no refining) and natural gas	108 3,865 7,703 (P) (P)	13 391 4,160 (P) (P)	94 3,474 3,544 (P) (P)	587 837 113 32	(*) 159 (P) (P) 0	(*) 428 (P) (P) 32	107 3,278 6,866 ( <sup>D</sup> )	13 232 (P) (P) (P)	94 3,046 (P (P (P
Manufacturing  Food and kindred products Chemicals and allied products Primary and fabricated metals. Machinery, except electrical Electric and electronic equipment Transportation equipment Other manufacturing	25,604 1,175 1,577 2,234 9,355 3,263 3,749 4,250	4,464 143 466 810 1,515 444 618 468	21,140 1,032 1,111 1,424 7,841 2,819 3,132 3,782	5,012 160 417 433 676 1,569 924 833	1,138 (P) 45 (D) 332 309 (D) (P)	3,875 (P) 372 (P) 343 1,261 (P)	20,592 1,014 1,160 1,801 8,680 1,694 2,825 3,417	3,326 (P) 421 (P) 1,182 136 (P) (P)	17,265 (P) 789 7,497 1,559 (P)
Wholesale trade	1,637	469	1,168	42	20	22	1,594	449	1,14
Finance (except banking), insurance, and real estate Finance, except banking Insurance Real estate Holding companies Nonbusiness entities, except government 1	17,181 2,808 13,844 (P) (P)	1,792 248 1,486 (P) (P)	15,389 2,560 12,358 (°) (°)	3,507 1,057 2,450 (*) 0	1,175 (P) (P) (*) (*)	2,332 (P) (P) 0 0	13,674 1,750 11,394 (P) (D) 411	617 (P) (P) (D) (P) (P)	13,050 (D (D (D (D
Services  Hotels and other lodging places  Business services  Advertising	6,722 423 3,188 1,123	584 18 247 89	6,137 405 2,941 1,034	1,501 (P) 583 115	152 (P) 21 2	1,349 (P) 561 113	5,221 (P) 2,605 1,008	433 (P) 226 87	4,78: 2,38: 92
Management, consulting, and public relations services	273 245	34 1	240 245	( <sup>D</sup> ) 216	5 (*)	(P) 215	( <sup>D</sup> )	29 1	. ( <sup>1</sup>
Computer and data processing services	392 1,154	60 64	333 1,091	144 ( <sup>D</sup> )	11 3	133 (P)	248 ( <sup>D</sup> )	49	20
Motion pictures, including television tape and film		(P)	(P)	(D)	0	(D)	(D)	(P)	(1
surveying services	( <sup>D</sup> ) 520 ( <sup>D</sup> )	(P) 31 (P)	(P) 489 (P)	293 163 189	44 (P) (P)	249 (P) (P)	357 ( <sup>D</sup> )	(D) (D) (D)	(I
Other industries	10,012 ( <sup>D</sup> ) 4 1,814	477 ( <sup>D</sup> ) 1 116	9,535 ( <sup>D</sup> ) 3 1,698	5,017 0 1 400	117 0 1 11	4,900 0 0 389	4,995 (P) 3 1,413	360 (P) (*) 105	4,63
Transportation, communication, and public utilities	6,818 ( <sup>D</sup> )	181 (D)	6,637 ( <sup>D</sup> )	4,582 34	103	4,479 32	2,236 (P)	78 (P)	2,15
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	35,42

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

<sup>14.</sup> 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.

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

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. parent MOFA's	s and	Ву	U.S. pare	nts		By MOFA'	s
	Total	To foreign affiliates	To unaf- filiated foreign- ers	Total	To foreign affili- ates	To unaf- filiated foreign- ers	Total	To foreign affili- ates	To unaf- filiated foreign ers
All industries	76,477	13,544	62,933	18,557	4,584	13,973	57,920	8,960	48,96
Petroleum Oil and gas extraction	11, <b>916</b> 2,781	4,739 294	7,177 2,487	1, <b>616</b> 490	945 162	670 327	10,300 2,291	<b>3,794</b> 131	6,50 2,16
Crude petroleum extraction (no refining) and natural gas	267	11	257	1	0	1	267	11	25
Oil and gas field services	2,514	283	2,230	489	162	327	2,025	121	1,90
Petroleum and coal products	7,748	4,234	3,514	975	(D)	(b)	6,773	(D)	" {
Petroleum wholesale trade Other	(D)	ĐĐ.	(p)	(D)	0	(6)	(a)	(9)	[ : · · · 6
Manufacturing	25,735	4,784	20,950	4,531	1,481	3,050	21,204	3,304	17,90
Food and kindred products Chemicals and allied products	$1,175 \\ 1.634$	170 507	$1,005 \\ 1.127$	182 422	43	379.	993 1,212	(P) 465	74
Primary and fabricated metals	2,260	750	1.510	424	131	293	1.836	620	1.2
Machinery, except electrical	10,399	1,728	8,671	874	510	363	9,525	1,217	8,3
Electric and electronic equipment	3,137	637	2,500	1,111	479	632	2,027	159	1,80
Transportation equipment Other manufacturing	3,779 3,351	631 360	3,148 2,991	1,358 160	(D)	(p)	2,421 3,191	(D)	
Wholesale trade	1,881	316	1,565	74	50	24	1,807	266	1,5
inance (except banking), insurance,						ļ. ·			
and real estate	19,464	2,316	17,148	4,486	1,605	2,881	14,978	711	14,2
Finance, except banking	4,496	823 1,465	3,672 13,059	$\frac{1,694}{2,792}$	(P)	(P)	2,802 11,732	(2)	
Insurance	14,524 (D)	(*)	10,005 (D)	2,132	l ⊗	l '6	11,132 (P)	₩	ĺ
Holding companies	(D)	`4	(P)	``ó	· `Ó	0	(D)	4	(
Nonbusiness entities, except government 1	357	23	334	. 0	0	0	357	23	3: 3
Services	6,987	769	6,218	1,954	330	1,624	5,033	439	4.5
Hotels and other lodging places	483	23	460	(D)	8	(D)	(P)	15	(
Business services	3,051	224	2,827	509	27	483	2,542	197	2,3
Advertising	1,143 284	86 37	1,057 248	145 (P)	8	142 ( <sup>D</sup> )	998. (P)	83	9:
relations services Equipment rental (ex. automotive		(*)	132		(*)	116	16	(*)	
and computers)	132	11		116	1				1
ServicesOther	338 1,154	43 58	295 1,095	126 (P)	(D)	(D)	212 (D)	(D)	
Motion pictures, including television	1,109	160	949	(D)	(P)	492	(P)	(D)	4
tape and film Engineering, architectural, and	1	١	(D)		` ` .	l .	(F)	(7)	•
surveying services	(P) 473	(P) 45	428	354 170	129 (D)	225 (D)	303		
Other services	(P)	(P)	(b)	198	(e)	(e)	(P)	(P)	1 1
Other industries	10,495	621	9,875	5,896	174	5,723	4,599	447	4,1
Agriculture, forestry, and fishing	(D)	(P) (D)	(D)	0 44	0	0	(0)	(D)	1
Mining Construction	1,043	115	928	147	16	130	896	98	7
Transportation, communication, and	l	l							
public utilities	8,006 (D)	353 (D)	7,653	5,651 54	146 (D)	5,506 (P)	2,355 ( <sup>D</sup> )	208 (P)	2,1
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	34,6

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

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 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 36.6	15.2 8.7
Wholesale trade Finance (except bankin and real estate	g), insurance,	3.1 25.9	9.6 32.7
Services Other industries		8.7 7.9	25.9 7.8

Less than \$000,000.

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.

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, includ-

ing 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. <sup>15</sup> 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.

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

				(MIIIIOII	s or donar	73				2.				
				Deve	loped coun	tries				Devel	oping cou	ntries		
	All				Europe			Austra- lia, New	1	2			Other	Interna-
	coun- tries	Total	Canada	Total	Europe- an Commu- nities (10)	Other	Japan	Zealand, and South Africa	Total	Latin America	Other Africa	Middle East	Asia and Pacific	tional
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 Oil and gas extraction Crude petroleum extraction (no refining) and	12,353 7,324	<b>2,561</b> 1,647	<b>590</b>	1,698 ( <sup>D</sup> )	1,482 ( <sup>D</sup> )	216 ( <sup>D</sup> )	( <sup>D</sup> )	( <sup>D</sup> ) 216	3,220 2,864	1,418 ( <sup>D</sup> )	<b>603</b> 591	686 ( <sup>D</sup> )	513 429	<b>6,571</b> 2,814
natural gas Oil and gas field services Petroleum and coal products Petroleum wholesale trade Other	48 7,277 629 314 4,085	(b) (D) (P) 192 (D)	(P) (P) (P) (P) 73	(P) 933 513 130 (P)	(P) (B) 513 (P) (P)	0 (P) 0 (P)	0 0 0 (P)	0 216 0 4 ( <sup>D</sup> )	(P) (P) (P) 122 (P)	1,206 ( <sup>D</sup> ) 102 ( <sup>D</sup> )	589 0 (P)	ර ච ල ච ල	0 429 (P) 3 (P)	2,814 3,758
Manufacturing Food and kindred products Chemicals and allied products Primary and fabricated metals Machinery, except electrical. Electric and electronic equipment Transportation equipment Other manufacturing	5,170 5 238 43 3,974 361 94 455	4,639 2 (P) 40 3,686 300 86 (P)	776 1 (P) 3 479 65 45 (P)	3,357 (*) 40 32 2,793 230 41 220	3,111 (*) (b) 32 (b) (b) 39 (c)	245 0 (P) 0 (P) (P) (P)	375 0 0 1 (P) 1 0 (P)	131 0 (P) 3 (P) 3 0 (P)	531 3 (P) 4 288 61 8 (P)	494 3 (P) 4 278 43 2 (P)	3 0 0 0 0 (b) 0 (P)	19 0 0 0 0 0 0 0	16 0 0 0 (P) (P)	
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 Finance, except banking Insurance Real estate Holding companies	23,473 9,856 13,376 200 41	14,015 4,477 9,352 (P) (P)	6,234 1,540 4,623 72 (*)	6,110 2,333 3,671 (P) (P)	(P) 2,130 3,629 (P) 7	(P) 203 41 0 (P)	735 90 640 5 0	936 515 418 3 (*)	9,458 5,379 4,025 (P)	8,793 5,170 (P) (P) (P)	65 (P) (P) 3 0	56 47 8 0	544 (P) (P) 9 (*)	
Services. Hotels and other lodging places Business services. Advertising. Management, consulting, and public relations	16,591 1,524 7,798 (°)	13,239 898 (P) (P)	2,119 (b) (b) (c)	9,563 618 5,601 861	8,132 510 (P) 726	1,431 108 (P) 135	205 (*) 126 (P)	1,352 (P) 413 (P)	3,352 626 (P) 157	1,445 424 586 94	(P) (P) (P) 0	170	417 (P) (P) 63	
services  Equipment rental (ex. automotive and computers)  Computer and data processing services  Other  Motion pictures, including television tape and film  Engineering, architectural, and surveying services  Health services  Other services	(P) (P) 779 (P) 1,413 3,176 898 1,782	(P) (P) (P) 1,845 1,278 2,741 177 (P)	57 (P) 77 (P) 164 (P) (P)	(P) (P) 574 1,328 978 1,342 127 897	492 (P) 940 (P) 101	(P) (P) 81 (P) 39 (P) 26 (P)	34 0 0 (P) 52 (P) 0 (P)	10 (P) (P) (P) 83 (P) (P) (P)	213 308 ( <sup>D</sup> ) ( <sup>D</sup> ) 135 436 721 ( <sup>D</sup> )	95 (P) (P) 117 135 101 (P)	23 (P) 1 (P) 0 (P) 0	(P)	38 (P) 14 (P) 0 163 0 (P)	
Other industries	(P) 109 533 4.227	1,932 ( <sup>D</sup> ) ( <sup>D</sup> ) 1,291 54	1,019 (*) (*) (*) (*) (*) (*)	837 1 0 417 ( <sup>D</sup> )	0 (P)	(P) 0 0 (P) 39 (P)	(P) 0 0 0 0 (P)	(D) (*) (*) (D) (D) (D)	1,523 (D) (D) (D) (D) 1,400 (D)	432 (P) 0 (P) 354 (P)	(D) 0 0 0 (D) 0	. (Þ)	781 0 (P) (*) (P) (*)	
Addendum—All industries, except finance, insurance and real estate	42,844	25,597	4,880	17,813	(P)	(P)	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

<sup>15.</sup> Virtually all sales reported for hotels and otner 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 10.—Sales of Services by Nonbank Majority-Owned Foreign Affiliates, Industry by Country, 1983
[Millions of dollars]

				[Millio	ns of dolla	rsj								
				Deve	loped coun	tries				Deve	loping cour	ntries		-
	All				Europe			Austra-	).				0.1	
<u> </u>	coun- tries	Total	Canada	Total	Europe- an Commu- nities (10)	Other	Japan	lia, New Zealand, and South Africa	Total	Latin America	Other Africa	Middle East	Other Asia and Pacific	Interna- tional
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
PetroleumOil and gas extraction	10,205 6,022	<b>2,47</b> 8 1,577	683 552	1,569 (D)	1, <b>450</b> 784	119 ( <sup>D</sup> )	(P) 0	(D)	2,881 2,364	1,143 (D)	572 560	623 539	542 (D)	4,840 2,080
Crude petroleum extraction (no refining) and natural gas	5,951 681 254	(b) (b) (b) 135 (b)	(P) (D) (D) (P) 76	( <sup>D</sup> ) 851 544 31 ( <sup>D</sup> )	(D) (D) 544 (D) (D)	(P) (P) (P) 0	0 0 0 (P) 0	( <sup>b</sup> ) 142 0 ( <sup>b</sup> ) 3	(b) (b) (c) 119 (b)	(P) 815 (P) 90 (P)	0 560 0 (P) (P)	0 539 0 (P) (P)	0 (b) (c) 6 (b)	2,080 2,760
Manufacturing Food and kindred products Chemicals and allied products Primary and fabricated metals Machinery, except electrical Electric and electronic equipment Transportation equipment Other manufacturing	26 178 20 4,306 193 80	4,912 23 (P) 20 4,118 169 71 (P)	866 3 (P) 3 608 53 (P) 123	3,404 19 ( <sup>D</sup> ) 16 ( <sup>D</sup> ) 103 ( <sup>D</sup> ) ( <sup>D</sup> )	(P) 19 4 16 (P) 96 (P) (P)	(P) 0 (P) 0 (P) 7 1	(P) 0 0 (P) (P) 0 (P)	(P) 1 (*) 62 (P) 0 (P)	352 4 (P) (*) 188 24 9 (P)	318 4 (P) (*) 176 18 0 (P)	3 0 0 0 0 0 (2) (4)	11 0 0 0 (P) 4 0 (P)	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 Finance, except banking Insurance Real estate Holding companies	10,288 13,146 222	13,866 4,112 9,562 ( <sup>D</sup> )	6,116 1,287 4,786 43 0	(P) 2,223 3,492 (P) (P)	5,592 2,015 3,444 134 0	(P) 208 48 (P) (P)	(P) 101 838 6 (P)	952 501 446 5 0	9,803 6,176 3,583 ( <sup>b</sup> ) ( <sup>c</sup> )	9,119 6,012 3,075 ( <sup>D</sup> )	48 34 12 2 0	46 34 ( <sup>D</sup> ) ( <sup>D</sup> ) 0	590 97 (P) (P)	
Services	1,501 7,924	13,476 878 6,998 ( <sup>p</sup> )	<b>2,026</b> (P) 653 (P)	9,874 606 5,730 977	(P) 508 (P) 838	(P) 98 (P) 139	320 (*) 163 ( <sup>D</sup> )	1,256 ( <sup>D</sup> ) 452 ( <sup>D</sup> )	3,445 623 926 133	1 <b>,26</b> 8 435 441 76	194 90 59 0	(P) 59 153 0	(P) 39 272 57	
services, Consuming, and punct teatons services  Equipment rental (ex. automotive and computers)  Computer and data processing services  Other  Motion pictures, including television tape and film  Engineering, architectural, and surveying services  Health services  Other services	789 (P) 1,910	(°) (P) 725 2,106 1,801 (P) 182 (P)	57 30 9) 266 9) 9)	(P) 597 1,555 1,288 1,235 120 896	1,077 (P) 518 1,381 1,258 1,143 93 786	(P) (P) 80 173 29 92 27 110	62 0 0 (P) 127 7 0 22	12 (P) (P) 133 121 469 (P) 89	220 (P) 63 (P) 109 (P) 857 (P)	99 150 28 88 109 (P) (P) 152	21 (P) (P) 0 44 0	50 5 15 83 0 247 (P) (P)	50 (P) (P) 87 0 112 0 (P)	
Other industries Agriculture, forestry, and fishing Mining Construction Transportation, communication, and public utilities Retail trade	59 130 330 4.394	1,801 (P) 123 314 1,293 (P)	975 (*) 123 (P) (P) 16	(b) 8 0 289 (b) 35	729 8 0 288 (P) (P)	(b) 0 0 (*) 15 (P)	26 0 0 0 26 0	(P) (P) (*) (P) 33 (P)	1,607 ( <sup>D</sup> ) 6 16 1,529 ( <sup>D</sup> )	376 (P) 3 (P) 307 (P)	29 0 0 0 29 0	(P) 0 0 (P) 404 0	(P) 0 3 0 789 (P)	1,573
Addendum—All industries, except finance, insurance, and real estate	42,111	26,732	5,129	(D)	15,864	(D)	(P)	1,998	8,962	3,478	820	2,665	1,999	6,41

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

				[Million	s of dollars	}								
				Deve	loped coun	tries				Devel	oping cour	ntries		
					Europe		-	Austra-				100		
	All coun- tries	Total	Canada	Total	Europe- an Commu- nities (10)	Other	Japan	lia, New Zealand, and South Africa	Total	Latin America	Other Africa	Middle East	Other Asia and Pacific	Interna- tional
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
PetroleumOil and gas extraction	9,189 5,228	2,428 1,651	<b>693</b> 545	1,514 964	1,405 861	109 103	(P) 0	( <sup>D</sup> ) 142	2,488 2,023	<b>966</b> 648	475 ( <sup>D</sup> )	556 ( <sup>D</sup> )	<b>490</b> 386	4,273 1,554
Crude petroleum extraction (no refining) and natural gas Oil and gas field services. Petroleum and coal products. Petroleum wholesale trade Other	586	(b) (P) (P) 82 (P)	(P) (P) (P) (P) 90	( <sup>D</sup> ) ( <sup>P</sup> ) ( <sup>P</sup> ) 14 ( <sup>D</sup> )	(b) (b) (b)	0 103 0 7	0 0 (P)	3 139 0 3 (P)	(D) (P) (P) 99 (P)	(P) (P) 66 (P)	(*) (b) (c) (d) (e) 8	0 (P) 0 (P) 9	0 386 ( <sup>D</sup> ) 7 ( <sup>D</sup> )	1,554 2,719
Manufacturing Food and kindred products Chemicals and allied products Primary and fabricated metals Machinery, except electrical Electric and electronic equipment Transportation equipment Other manufacturing	34 209 19 4,735 219 68	5,382 31 (P) 19 4,580 193 (P) (P)	1,018 4 (P) 3 711 60 (P) 136	3,623 27 5 15 (P) 120 52 (P)	(P) 27 5 15 (P) 120 48 (P)	(P) 0 0 0 (P) 0 5 3	(P) 0 0 0 (P) (P) 0 (P)	(P) (*) 0 34 (P) 0	341 3 (P) (*) 155 27 (P) (P)	299 3 (P) (*) 133 23 0 (P)	2 0 0 0 0 0 (P)	13 0 0 0 2 (°) 0	27 0 0 0 20 (P) (P)	
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 Finance, except banking Insurance Real estate Holding companies	11,981 13,724 169	14,870 4,722 (P) (P) 2	6,151 1,179 4,930 43 0	6,631 2,873 (P) (P) 2	2,626 (P) 77 1	( <sup>D</sup> ) 246 40 ( <sup>D</sup> ) 1	1,145 148 993 4 0	943 522 414 7 0	11,016 7,259 (P) (P) 10	10,251 7,016 (P) (P) 7	66 52 11 2 0	71 57 (P) (P) 0	628 134 (P) (P) (P)	
Services	1,527 7,768	12,816 855 (D) 1,327	1,736 (P) 656 (P)	9,618 600 5,404 906	(P) 502 (P) 808	(P) 99 (P) 98	339 (*) 191 ( <sup>D</sup> )	1,122 (P) (P) (P)	3,234 672 ( <sup>D</sup> ) 132	503	214 105 62 0	179	(P) 45 (P) 60	
services  Equipment rental (ex. automotive and computers) Computer and data processing services Other  Motion pictures, including television tape and film Engineering, architectural, and surveying services Health services Other services	(P) 829 (P) 1,944 2,354	1,518 (P) 744 2,060 1,861 1,761 166 (P)	65 30 (P) 357 261 195 (P) 443	1,279 ( <sup>D</sup> ) 623 ( <sup>D</sup> ) 1,357 1,333 98 826	(P) 545 1,310 1,309 1,257 68 725	(P) (P) 78 (P) 49 76 30 100	81 0 0 ( <sup>D</sup> ) 114 8 0 27	(P) (P) 128 225 (P)	288 (P) 85 (P) 83 593 600 (P)	(P) 83 95 (P)	23 0 48 0	(P) 42 (P) 0 363 (P)	64 (P) 19 59 0 87 (P)	
Other industries	. 72 142 187 4,213	135 175 1,416	(*) 135 4 ( <sup>D</sup> )	(D) (D)	635 8 0 (P) (P) 39	20 0 0 (*) 15 5	35 0 0 0 0 35	(*) (b)	1,510 64 7 12 1,424 3	64	0	0 0 (P)	(P) 0 3 (P) 809 (*)	1,373
Addendum—All industries, except finance, insurance, and real estate	. 41,607	27,305	5,139	18,754	(P)	, <b>(P</b> )	1,419	1,993	8,456	3,342	748	2,402	1,968	5,646

<sup>&</sup>lt;sup>D</sup> 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

				[Million	s of dollar	s]								
			1.5	Deve	loped coun	tries	1	: -		Devel	oping cou	ntries		
	A11				Europe			Austra-						
	All coun- tries	Total	Canada	Total	Europe- an Commu- nities (10)	Other	Japan	lia, New Zealand, and South Africa	Total	Latin America	Other Africa	Middle East	Other Asia and Pacific	Interna- tional
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.  Oil and gas extraction.  Crude petroleum extraction (no refining) and natural gas.  Oil and gas field services.  Petroleum and coal products.  Petroleum wholesale trade  Other.	48 7,232 (P) 286	2,422 (P) 1,583 462 179 (P)	563 (P) (P) 442 13 (P) (P)	1,599 (P) (P) 925 449 130 (P)	1,383 (P) (P) 804 449 34 (P)	216 120 0 120 0 96	(P) 0 0 0 0 (P)	(P) 216 0 216 0 (P)	3,091 (P) 2,836 (P) 108 (P)	1,336 (P) (P) 1,205 (P) 88	596 584 1 582 0 3 10	686 622 0 622 0 (P)	473 427 0 427 (P) (P)	6,571 2,814 2,814 3,758
Manufacturing Food and kindred products Chemicals and allied products Primary and fabricated metals Machinery, except electrical Electric and electronic equipment. Transportation equipment Other manufacturing	4,755 4 (P) 42 (P) (P) 93	4,235 2 103 38 (P) 282 86 (P)	745 1 (P) 3 (P) 65 45 104	3,001 (*) (P) 31 (P) 212 41 217	2,766 (*) (P) 31 (P) 189 39 (P)	235 0 (P) 0 (P) 24 1 (P)	360 0 0 1 (P) 1 0 (P)	130 0 (*) 3 (P) 3 0 (P)	519 3 (P) 4 286 (P) 8 (P)	483 3 (P) 4 277 (P) 2 (P)	3 0 0 0 0 0 0	19 0 0 0 1 16 0	15 0 0 0 8 1 6	5,100
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 Finance, except banking Insurance Real estate Holding companies	6,299 11,536 198	13,241 4,157 8,899 (P) (P)	6,046 1,508 4,467 71 (*)	5,537 2,057 3,374 ( <sup>D</sup> )	5,351 1,910 3,341 ( <sup>D</sup> )	186 148 33 0 5	729 83 640 5 0	929 509 417 3 (*)	4,832 2,143 2,638 (P) (P)	4,204 1,969 2,196 ( <sup>D</sup> )	38 22 ( <sup>D</sup> ) ( <sup>D</sup> ) 0	56 47 8 0 0	534 104 ( <sup>D</sup> ) ( <sup>D</sup> ) (*)	
Services	(P)	12,403 897 6,025 1,198	2,097 191 641 100	8,771 618 4,862 859	7,519 510 4,048 725	1,252 108 815 134	186 (P) 111 (D)	1,349 (P) 410 (P)	3,237 ( <sup>D</sup> ) 901 ( <sup>D</sup> )	1,368 424 514 (P)	167 (P) 50 0	1,313 64 164 0	388 41 172 63	
services  Equipment rental (ex. automotive and computers) Computer and data processing services Other  Motion pictures, including television tape and film Engineering, architectural, and surveying services Health services Other services	(P) 740 (P) (P)	959 (P) 665 (P) 1,267 2,695 177 1,341	57 58 72 355 164 700 19 380	873 (P) 543 (P) 967 1,309 127 888	740 (P) 463 (P) 929 1,177 101 755	133 (P) 80 (P) 39 132 26 133	19 0 0 (P) 52 (P) 0 (P)	10 (P) 50 102 83 (P) 31 (P)	(P) 293 75 (P) (P) 435 721 (P)	73 221 47 (P) (P) 101 (P) 147	(P) (P) 1 (P) 0 21 0 (P)	56 (P) 13 (P) 0 149 (P) (P)	29 47 14 19 0 163 0	
Other industries	109 529 3,955	1,784 2 106 475 1,151 51	965 (*) 106 (P) 804 (P)	755 1 0 415 308 31	732 1 0 414 291 26	23 0 0 1 17 5	(P) 0 0 0 (P) 0	(P) (*) (*) (P) (P) (P)	1,386 (P) 3 53 1,268 (P)	315 (P) 0 (P) (P)	22 0 0 0 22 0	288 0 0 (P) (P)	762 0 3 (*) 758 (*)	1,536
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

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

<del></del>	Developed countries Developing countries													
				Deve	<u> </u>	tries		·		Devel	oping cour	tries		
	All coun- tries	Total	Canada	Total	Europe- an Commu- nities (10)	Other	Japan	Australia, New Zealand, and South Africa	Total	Latin America	Other Africa	Middle East	Other Asia and Pacific	Interna- tional
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 Oil and gas extraction Crude petroleum extraction (no refining) and	<b>9,855</b> 5,980	2,408 (D)	654 ( <sup>D</sup> )	1,541 ( <sup>D</sup> )	1,422 (D)	118 96	(D)	(P) 145	2,601 (D)	920 (P)	5 <b>65</b> 553	<b>623</b> 539	<b>493</b> 430	4,846 2,080
natural gas Oil and gas field services. Petroleum and coal products Petroleum wholesale trade Other	71 5,909 ( <sup>D</sup> ) 216 ( <sup>D</sup> )	(P) 1,491 553 122 (P)	(P) 503 30 (P) (P)	(b) 845 522 31 (b)	(P) 749 522 9 (P)	96 0 22 0	0 0 0 (P)	142 0 ( <sup>D</sup> )	2,338 (P) 95 (P)	(b) 815 (b) (P) 0	0 553 0 4 8	0 539 0 (P)	0 430 (P) 3 (P)	2,080
Manufacturing Food and kindred products Chemicals and allied products Primary and fabricated metals Machinery, except electrical Electric and electronic equipment Transportation equipment Other manufacturing	(P) (P)	4,332 22 (P) 19 (P) 167 70 (P)	785 3 (P) 3 (P) 52 (P) (P)	3,034 19 (P) 16 (P) 103 (P) (P)	(P) 19 3 16 (P) 95 (P) (P)	(P) 0 (P) 0 (P) 7 1	400 0 0 0 ( <sup>D</sup> ) 1 0 ( <sup>D</sup> )	113 1 (*) 0 (D) 12 0 (D)	343 3 (P) (*) 188 (P) 9 (D)	309 3 (P) (*) 176 (P) 0 (P)	3 0 0 0 0 0 1 2	11 0 0 0 1 4 0 6	20 0 0 0 11 2 8 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 Finance, except banking	17,686 5,748 11,705 221 11	13,156 3,740 9,225 191 (*)	5,980 1,270 4,667 43 0	5,300 1,888 3,275 137 (*)	5,122 1,754 3,234 134 0	178 134 41 3 (*)	931 87 838 6	5	4,529 2,008 2,480 30 11	3,876 1,864 1,983 20 9	36 21 (P) (P) 0	46 34 (P) (P) 0	571 89 (P) (P)	
Services	15,961 (P) 7,090 (P)	12,615 (P) 6,250 1,359	2,014 186 645 121	9,069 606 5,029 975	7,940 508 4,247 837	1,130 98 782 138	280 (*) 128 ( <sup>p</sup> )	(P) 449	3,346 623 839 ( <sup>p</sup> )		194 90 59 0	1,535 59 150 0	403 39 240 57	
services  Equipment rental (ex. automotive and computers) Computer and data processing services Other Motion pictures, including television tape and film Engineering, architectural, and surveying services Health services Other services	(P) (P) 744 (P) (P) 2,606 1,039 (P)	991 (P) 681 (P) 1,783 2,111 182 (P)		896 (P) 563 (P) 1,269 1,169 120 877	741 (D) 486 (D) 1,247 1,078 98 767	155 (P) 77 (P) 22 91 27 110	28 0 0 127 127 5 0 20	(P) 41 (P) 121 6 469 40	(P) 218 63 (P) (P) 495 857 (P)	139 28 (P) (P)	3 22 0 44	15 79 0 244	112 0	
Other industries	57 130 330 4,250	314	(*) 123 (º) 781	696 8 0 288 365	288 350	(P) 0 0 (*) 15 (P)	(P)		1,564 49 6 16 1,488	49 3 10	0	0	(	1,572
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	1,888	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

				[Million	s of dollar	s]								
				Deve	loped coun	tries				Devel	oping cou	ntries		
	,,,				Europe			Austra-						
	All coun- tries	Total	Canada	Total	Europe- an Commu- nities (10)	Other	Japan	lia, New Zealand, and South Africa	Total	Latin America	Other Africa	Middle East	Other Asia and Pacific	Interna- tional
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
PetroleumOil and gas extraction	8,804 (D)	2,347 (D)	658 510	1,479 960	1,3 <b>7</b> 0 857	109 103	(P)	(D)	2,184	719 ( <sup>D</sup> )	475 463	556 527	434 386	4,273 1,554
Crude petroleum extraction (no refining) and natural gas	200 (P) 502	(P) (P) (P) 70 (P)	20 491 ( <sup>D</sup> ) ( <sup>D</sup> ) 90	(P) (P) (P) (P) 14 (P)	(P) (B) (B) (B)	0 103 0 7	0 0 0 (P)	(b) (d) (d)	(P) 1,999 (P) 81 30	(P) 624 (P) 52 0	(*) 462 0 4 8	0 527 0 (P)	0 386 (P) (P)	1,554 2,719
Manufacturing Food and kindred products Chemicals and allied products Primary and fabricated metals Machinery, except electrical Electric and electronic equipment Transportation equipment Other manufacturing	209 18 (P) (P) 67	4,738 31 (P) 18 (P) 191 62 (P)	940 4 (P) 3 (P) (P) 9 (P)	3,244 27 (P) 15 (P) 120 52 202	(P) 27 (P) 15 (P) 120 48 199	(P) 0 0 0 (P) 0 5 3	(P) 0 0 0 (P) 1 0 (P)	(P) 0 (*) 0 (P) 0 (P)	327 3 (P) (*) (P) (P) 5 40	292 3 (P) (*) (P) (P) 0 29	2 0 0 0 0 0 1 1	13 0 0 0 2 2 2 0 10	20 0 0 0 14 2 5	
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 Finance, except banking Insurance Real estate Holding companies	12,267 168	14,071 4,258 9,679 132 2	6,001 1,156 4,802 42 0	6,016 2,461 3,474 79 2	5,782 2,268 3,436 77	234 193 38 3 1	1,123 126 993 4 0	931 515 410 6 0	4,881 2,249 2,588 36 9	4,138 2,025 2,084 22 6	52 39 11 2 0	70 57 8 6	621 127 485 5 3	
Services	15,020 1,526 6,853 1,457	11,970 854 6,051 1,325	1,724 157 648 130	8,868 600 4,749 905	7,846 502 4,068 807	1,022 99 681 97	261 (P) 116 (P)	1,118 (P) 538 (P)	3,050 672 802 132	1,175 466 371 72	214 105 62 0	1,320 56 175 0	45 194 60	
services  Equipment rental (ex. automotive and computers)  Computer and data processing services  Other.  Motion pictures, including television tape and film  Engineering, architectural, and surveying services  Health services	(P) 787 (P) 1,915 2,299 766	980 (P) 702 (P) 1,832 1,706 166	64 29 69 356 261 192 23	815 (P) 591 (P) 1,329 1,284 98	711 (P) 517 (P) 1,293 1,209 68	104 (P) 74 (P) 36 75 30	7 0 0 ( <sup>D</sup> ) 114 6	225 45	168 189 85 227 83 593 600	63 (P) 15 (P) 83 95 (P)	16 14 9 23 0 48		48 29 19 38 0 87	
Other services	4,513	1,360 1,681 8	443 1,018 (*)	808 587	708 ( <sup>D</sup> ) 8	(P)	22 0	54	301 1,459 64	(P) 274 64	18 0	359 0	12 808 0	1,373
Mining Construction Transportation, communication, and public utilities Retail trade	142 187 4,033	135 174 1,287 76	135 4 860	0 (P) 370 (P)	0 (P) 355 (P)	(*) 15 (P)	0 0 22 0		12 1,373 3	3 6	0 0 18 0	5 353	3 1 803 (*)	1,373
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.

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

THIS article presents the U.S. inputoutput (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 componentsdiffer 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

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.

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

Billions of dollars

	NIPA's ¹	I-O ac- counts	Differ- ence
Gross national product	3,052.7	3,056.1	-3.6
Personal consumption expenditures	1,915.1	1,915.2	<b>1</b>
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

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

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.

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

#### **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.

<sup>1.</sup> 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.

<sup>2.</sup> See "Corrections to the Estimates of Purchases of Computers," Survey 66 (March 1986): 10.

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 pre-

pared by BEA to estimate constantdollar 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

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 agri- cultural products	Forestry and fishery products	Agri- cultural, forestry, and fishery services	Iron and ferro- alloy ores mining	Non- ferrous metal ores mining	Coal mining	Crude petro- leum and natural gas	Stone and clay mining and quarrying	Chemics and fertilize minera mining
Industry number	1	2	3	4	5	6	7	8	9	10
Livestock and livestock products	15,164	2,190		296 182						
Other agricultural products	17,120	3,796	19	21 89		······································		3		
Agricultural, forestry, and fishery services	2,836	3,877	565	89	255	(*)	4	(*)	(*)	
Nonferrous metal ores mining	18	3			20 14	391 16	3,936		9	**********
Crude petroleum and natural gas	2	250		2	13	3		5,138	195	,
Stone and clay mining and quarrying		1			<b>}</b>	•••••				16
Repair and maintenance construction Ordnance and accessories	549	1,230	179	118	17	7	106	7,296	19	:
Food and kindred products	12,592	***************************************	68	81		1	(*)	6	1	
Tobacco manufactures	21	23				1	38			
Apparel	21	63	43	32		1	14	13	3	
Miscellaneous fabricated textile products	13	53 12	8	55	2	15	102			
Wood containers	3	205		13		<u></u>				
Other furniture and fixtures	128	E0	1		(*)		10	A	31	
Paper and allied products, except containers Paperboard containers and boxes	128 2 14	118	1	90		(1)		3	2 5	
Printing and publishing Chemicals and selected chemical products	200	20 8,704	220	979	(*) 80	180	335	14 743	94	1
Plastics and synthetic materials	163							5		
Paints and allied products Petroleum refining and related industries Rubber and miscellaneous plastics products	930	5,458	318	512	149	161	1,058	12 705	370	1
	364	430	3	44	46	69	198	26	55	
Footwear and other leather products. Glass and glass products Stone and clay products	34 6		(*)	3	(*)		(*)	2 12	1	
Stone and clay products	ь	111	(*)	12	(*)	31	133	17	3	14 T
Primary iron and steel manufacturing	9	10			. 80	151 16	142 67	626	. 46 15	
Metal containers	9	14	5					. 55	19	
Screw machine products and stampings Other fabricated metal products	28 125	202	21	30	. 12 58	23 62 38	244 162	476	14 61	
Engines and turbines Farm and garden machinery	440	915	21 13 10	48 26	41	38	209	241	54	
Construction and mining machinery	L	910			. 112	148	1,328 92	407	231	***************************************
Materials handling machinery and equipment  Metalworking machinery and equipment	L		(*)	2	21	17 4	5	34	. 36 5	
Special industry machinery and equipment	22 60	27 85	6	1	38	38	328 115	280	54 32	
General industrial machinery equipment Miscellaneous machinery, except electrical Office, computing, and accounting machines	60	85	1	. 4	6	22	115	235	32	
Service industry machines Electric industrial equipment and apparatus.	10	12		ļ	7	17	119	363	25	
Household appliances.  Electric lighting and wiring equipment.	5	4		3	(*)	2	22	22	2	
Radio, TV, and communication equipment		4		. ાં			. 1			ļ
Electronic components and accessories  Miscellaneous electrical machinery and supplies	. 94	390	(*)	26	(*)	5	10		.5	
Motor vehicles and equipment. Aircraft and parts. Other transportation equipment	50	55	. (*)	43 8	61	6	6	8	48	
Other transportation equipment Scientific and controlling instruments Optical, ophthalmic, and photographic equipment.			234	8 1	(*)	3	13	45	1	·····
Miscellaneous manufacturing	7	10	. 1	5 4	\(\frac{\cdot{\cdot}}{7}\)	1 2	(*)	10	6	ļ
Transportation and warehousing  Communications, except radio and TV	1,050 218	1,075 302	(*) 64 5	307	76	69 5	233 23	356		
Radio and television broadcasting	.L	1,809	30	207	464	1	.L		397	·
Wholesale and retail trade Finance and insurance	. 2,470	4,444	245	852	170	327 183 54 70	582 1,033 228	783 532	244 95	'
Real estate and rental	1,413 1,375	7,751	36	852 136 533 24	20 48	70	648	7.888	158	
Hotels; personal and repair services (except auto)	101 291	107 1,520	65	286	85	1 6	28 771	1,135	222	
Eating and drinking places	. 11 . 234	15 258	31 26	194	39	97 12 69	32 154	377 207	22 37	
Amusements  Health, educational, and social services and nonprofit organizations				. 349 17		6	25	7 42	35 222 22 22 37 2 6	
Federal Government enterprises State and local government enterprises	. 9	13		39	4	8	10	18	6 (*)	1
Noncomparable imports	. (*)	1	i	1 1	2	20	8	188	2	-
Scrap and used goods. Government industry					1	1	2		. 2	ļ
Rest of the world industry							1			<u> </u>
Inventory valuation adjustment  Total intermediate inputs	.		2,257	5,819	1,975	2,363	12,589	29,966	2,754	1
Value added	21,377			5,397		2,303 2,312	13,577	129,412		2
Total industry output	80,708	98,034	5,480	11,217	3,643	4,675	26,166	159,378	6,371	4,

<sup>\*</sup> Less than \$500,000.

by Industries, 1981

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

Table 1.—The Use of Commodities

For the distribution of output of a commod read the row for that commodity  For the composition of inputs to an indust read the column for that industry		Plastics and synthetic materials	Drugs, cleaning and toilet prepar- ations	Paints and allied products	Petroleum refining and related industries	Rubber and miscel- laneous plastics products	Leather tanning and finishing	Footwear and other leather products	Glass and glass products	Stone ar clay product
jı	ndustry number	28	29	30	31	32	33	34	35	36
Livestock and livestock products	· · · · · · · · · · · · · · · · · · ·		39 77							
Other agricultural productsForestry and fishery products			16	22						
Agricultural, forestry, and fishery services		1	(*)	(*)	(*)	1			(*)	
Agricultural, forestry, and fishery services.  Iron and ferroalloy ores mining.  Nonferrous metal ores mining.  Coal mining		3 129	18	19	14	32	1	1	<u>1</u>	34
Crude petroleum and natural gas		952		144	152,739	184 17				
Stone and clay mining and quarrying Chemical and fertilizer mineral mining	·····		19	57 4	233 14	9	2		236	2,05 11
New construction Repair and maintenance construction		312	207	76	1,353	390	10	33	131	64
Ordnance and accessories		53	806	202	41	1 13	525	28	1	2 2
Tobacco manufactures		106				839		280		17
Broad and narrow fabrics, yarn and thread mills Miscellaneous textile goods and floor coverings			14	(*)	18	. 751		288	5	(
Apparel		6	$\frac{1}{2}$	(*)	1	14 7	(*)	17	1	
Miscellaneous fabricated textile products Lumber and wood products, except containers Wood containers		14	6		27	143 6		40 1	91 63	18
Household furniture					••••••					
Other furniture and fixtures Paper and allied products, except containers		382	378	16	241	665	(*) 12	65	_16	45
Paperboard containers and boxes		263 15	378 962 152	70 46	400 17	716 45	2	102 19	535 26	1:
Printing and publishing		13,838 1,348	4,869 158	2,683 658	4,991 39	3,124 11,832	173	72 121	632	89 27 1,2 1
Durge election and tailet accountions		1 147	3,226	28 107	625	11,002	45	22		<u> </u>
Paints and allied productsPetroleum refining and related industries	·····	57 891	62 803	328 27	15,128	1,129	32	21	19 332	1,2
Rubber and miscellaneous plastics products		575	1,481	27	182	2,556	(*) 97	519 1,504	59	l
Drugs, cteaning and tollet preparations Paints and allied products Petroleum refining and related industries Rubber and miscellaneous plastics products Leather tanning and finishing Footweer and other leather products Glass and glass products	••••••••	(*) 12	1 582	1 8	6 29	. 8 285		502	5 1,158	
			21	109	240	196	4	4	152	4,3
Primary iron and steel manufacturing Primary nonferrous metals manufacturing		. 14	1 5	42 76	51	596 67		. (*)	2 8	4,3 2 2
Metal containers	nata	81	791 12	424	423	46		l		
Metal containers  Heating, plumbing, and fabricated structural metal prod Screw machine products and stampings  Other fabricated metal products	ucus		171	13		177	(*)	22 71	24	
Engines and turbines			339	41	340	289 16	(*)	71	8	3
										1
Construction and mining machinery Materials handling machinery and equipment.  Metalworking machinery and equipment.  Special industry machinery and equipment General industrial machinery equipment  General industrial machinery equipment  Miscellaneous machinery, except electrical	·····	11	14	1	9	3 152	1	(*)	61	
Special industry machinery and equipment		5			226	60		5	40	
Miscellaneous machinery, except electrical	·····	30	95 25	(*)	226	14 217	3	(*) 20	5 65	
				***************************************						
Service industry machines Electric industrial equipment and apparatus		ļ	(*)	(*)		4			22	
Household appliances	·····	1	2		10	52	(*)	1	10	
Radio, TV, and communication equipment.		(*)	1	(*)	(*)	18		(*)	1	
Miscellaneous electrical machinery and supplies		11	. 5	4	1 152	9 33	(*)		1 1	
Other transportation equipment		·		·····						ļ
Scientific and controlling instruments Optical, ophthalmic, and photographic equipment. Miscellaneous manufacturing Transportation and warehousing	·····	. 20	41	2	39	49	. (*) .(*)	2 (*)	25 6	
Miscellaneous manufacturing	·····	. 20 . 3 . 2	12 22 1,000	(*)	3	12 19	(*) 36	79	1 1	
Communications, except radio and TV		. 44	1,000	493 23	7,630 231	1,484 158	36	110 41	432 38	3,2
Radio and television broadcasting Private electric, gas, water, and sanitary services			551	88	4,855	1,461	35	67	1,149	2,0
Wholesale and retail trade Finance and insurance		. 1.336	2,125 409	515 61	3,349 915	2,139 351	110	298 106	580 83	1,4
Real estate and rental		. 251	869	58 33	396	517	5	63	161	2
Hotels; personal and repair services (except auto) Business services		.1 882	145 6,551	308 65	2,433	100 1,373	5 15 25	63 36 315	26 311	1 8
Eating and drinking places	***************************************	94	512 78	65 23	293 110	273 108	4 2	51 20	52 52 1	1
Amusements	***************************************	1	1 8	111	74	94	1	(*)	1 8	1
Federal Government enterprises	_	23 15	102	22	92	57	3	60	21	
State and local government enterprises  Noncomparable imports  Scrap and used goods	***************************************	89		56	378	10 966	5		. 72	ļ
Government industry						4			. 62	
Rest of the world industry										
Inventory valuation adjustment			00 907	2004		90.025	1 1 F#	F 001	A 005	
Total intermediate inputs		24,458 6,277		6,994 1,760	198,456 22,258	33,945 19,141		5,021 3,342	6,805 5,813	21,5 13,0
Total industry output	4	30,735		1		53,086	1	8,363		34,5

<sup>\*</sup> Less than \$500,000.

### by Industries, 1981—Continued

Primary iron and steel manu- facturing	Primary nonferrous metals manu- facturing	Metal con- tainers	Heating, plumbing, and fabricated structural metal products	Screw machine products and stampings	Other fabri- cated metal products	Engines and turbines	Farm and garden machinery	Construc- tion and mining machinery	Materials handling machinery and equipment	Metal- working machinery and equipment	Special industry machinery and equipment	General industrial machinery and equipment	Miscel- laneous machinery, except electrical	Office, computing, and accounting machines	Service industry machines
37	38	39	40	41	42 /	43	44	45	46	47	48	49	50	51	52
					•••••										
3,975 112 4,129	(*) 9 917	(*)	(*) 44	(*)	1	(*)	(*)	(*)		(*)	(*)	(*)	(*)	(*)	(*)
	3,217 28	(*)	1	5	7	1	5	8	1	4	(*)	2	1	(*)	4
304 82	14 1		4		12										19
2,047 16 9	390 4	97	606	305	332 4	121 1	66	198	49	95	69	137	65	152 7	76
	27 2				2							107	23		
18 2 81 12	4 1 75	1 11	5	3 22 64 19	15 140	4	1 35	2 10	1	4	2	7 1 34 9	$\frac{\tilde{2}}{1}$	2	2
	20		63 26	19	3 		1	4	4	5 9	28 2	9	ì	•••••••••••••••••••••••••••••••••••••••	44 25
2 14 71 37 2,767	30 79	9 37	38 139	81 160	9 338	25 44	4 33 13	4 5 24 32	3 2 3	5 80	3 12 20 169	60 83 28 20	6 92	141 151 87	18 125 20 104
	31 1,332 751	151 10 33 9	40 58	29 140 63	47 854 125	11 <sup>1</sup> 1	13	24 32	1 <u>1</u> 3	80 28 136	20 169	28 20 16	92 24 5	87 4 79	104 98
$\begin{array}{c} 2\\24\\1,782\end{array}$	1 41 900	9 238 59 20	21 125 323	63 14 93 123	18 268 316	6 123	39 46	32 99	8 77	28 220 94	105	7 436	3 6 94	55 330	48 182 324
91	303	20	255	148	858	49	385	385	109		177	239	22	1,227	
665 17,732	21 166 422	(*) 6 3,357	264 74 8,845	31 32 6,402	41 144 5,510	(*) 101 1,869	31 1,887	(*) 152 4,689	24 1,025	(*) (*) 215 1,951	14 54 1,045	1 155 3,006	(*) 196 1,124	10 73 203	(*) 12 92 1,381
1,863	20,851	1,570 410	3,633	1,090 18	2,375 12	599	128	148	149	423	332	769	468	293 731	1,153
280 760	123 427	8 125	781 1,114 1,294	719 418	9 624 1,613	206 358 194	262 146 1,140	428 154 369	113 85 122	136 126 192	147 86 210 135	199 310 290 170	86 227	448 763 588	141 429 380
27			2		65	1,828	1,140 1,201	941 2,205	120		135	170	55		62
25 550 35 902 53 <u>1</u>	21 545 9	49	215	354 2	313 5	234	109	252	352 73	1,208	6 176 307	361	266	192	164
902 531 7	395 241	2 37	246 243	23 925	46 315	356 536	719 362	1,742 203	532 157	483 601	485 427	1,592 540	212 1,512	58 186 3,223	297
746	215	1	93 326	48	148	157	85	381	283	577	8 499	926	82	1,504	977 1,261
12 (*)	11 (*)	(*)	7 1	20	3 1	1	17 (*)	2 (*)	(*)	23 (*)	1 (*) 23	1 1	(*)	141 3 4,80 <u>6</u>	92 (*)
3	1 4	(*) 1	2 23	48	9 6 3	199 83	102 308	3 300	7 1	6 1 3	7	46 (*) 1	92 28 49	4,806 37 6	(*)
5 139	35	1	60	6	14	2	2	3	2	55	3	51	4	37	236
16 13 3,515	4 7 1,837	3 1 278	9 19 685	6 3 408	15 11 628	7 1 180	2 2 218	9 9 341	4 4 76	9 6 230	7 2 156	11 3 316	10 3 250 75	37 36 27 759	29 272
5.617	3 083	12	168 9 495	163 443	179 825	157	29 179	182 358	30	78	156 76 147	161 353	75 257 400	296	69
5,203 449 313	3,504 347 220 88	204 496 73 73 28 155 47 20	2,002 261 283 195	1,011 136 153	1,752 359 256	658 60 47	1,211 52 77	1,909 132 105	78 479 36 55 12 174 36 23	806 129 147	728 108 85	353 1,319 168 167	400 130 187	413 2,479 593 557	216 1,209 71 83 46
149 1,386 167	88 886 137 109	28 155	905	51	94 1,027	. 10	1 1/	1 37	12 174	479	26 294 67 18	52 653 196	52 922 108	557 583 1,741	46 416 78
60	1 3	1	199 96 11 29 51	623 80 82 1	176 100 2	254 38 38 2	39 12	668 106 25 2	2	125 60 2		61	65	1,741 425 85 1	416 78 13 (*) 12 8
12 83 19 75	26 40 10	8 4 3	29 51 7	43 24 5 8	29 51 13 24	12 2	22 2	5 24 4	14 1	i 5	5 28 2 18 8	25 45 5	27 27 21 3	26 65 16	8 3
75 2,613	190 2,378	3	13 63	8	24 47	10 39	2 <u>2</u> 18	49 9	6	103	8	18 11	1	215	1
59,757 30,243	43,701 15,402	7,651 3,778	24,469 14,520	14,646 9,020	20,191 16,905	8,670 6,265	9,227 6,244	16,747 14,193		1	6,329 6,415	13,181 11,787	7,265 8,432	23,653 13,164	10,724 5,648
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

**Table 1.—The Use of Commodities** 

For the distribution of output of a commend the row for that commodity  For the composition of inputs to an indread the column for that industry		Electric industrial equipment and apparatus	Household appliances	Electric lighting and wiring equipment	Radio, TV, and communi- cation equipment	Electronic components and accessories	Miscellaneous electrical machinery and supplies	Motor vehicles and equipment	Aircraft and parts	Other transportation equipment
	Industry number	53	54	55	56	57	58	59	60	61
ivestock and livestock products						•				
other agricultural products						••••••••••				
agricultural, forestry, and fishery services		. 1		(*)	1	1	(*)	1	1	1
ron and ferroalloy ores mining		<u> </u>					35			
cal miningrude petroleum and natural gas		.1 3	6	3	5	1	4	39	6	3
Stone and clay mining and quarrying		.1				• • • • • • • • • • • • • • • • • • • •		1		
Chemical and fertilizer mineral mining		. L					·····			
Repair and maintenance construction		. 211	96	67	192	236	54	301	273	90
Ordnance and accessories		. 4	2	1	(*)	6	1	(*)	2 5	(*)
obacco manufactures	·		44	18		••••••		15	89	10
Broad and narrow fabrics, yarn and thread mills Miscellaneous textile goods and floor coverings		. 3	2				2	214		220
Apparel		4	I	2	25	25	1	14 1,987	10 67	10 220 17 80
umber and wood products, except containers Wood containers		30	67 18	19	20 20		1	119	20	907
Household furniture			10		351	23			13	(* 65 96 20 1, 3 7
Other furniture and fixtures Paper and allied products, except containers		182	8 48	3	76	89	4	250 100	17 12	90
aperboard containers and hoxes		.1 124	235 16 77	199	140 264	115	73	86 43	12 5 84	1
Printing and publishing		. 48 230	77	16 116	95	55 727	11 381	218	: 37	7
lastics and synthetic materials		. 103	273	191	310	167	95	185	35	
Orugs, cleaning and toilet preparations Paints and allied products		. 65	120	32	37	1	16	388	65	173 270 30
Petroleum refining and related industries		. 259 . 388	40 652	74 294	192 1,848	258 1,157	75 273	396 4,160	518 271	30
eather tanning and finishing		·	<b></b>	•••••				ļ		
Hass and glass products		.[ 18	79	347	2 52 58 325 1,625	369	7	1,073	7	11
Stone and clay products rimary iron and steel manufacturing			89 1,244	49 774	58 325	371 274	23 266	406 8,832	1,529	273 2,64
rimary nonferrous metals manufacturing		. 1,729	595	739	1,625	1,741	1,187	1,898	2,235	530
Metal containersHeating, plumbing, and fabricated structural met	al products	87			345	46	17	7	87	1,14
Screw machine products and stampings Other fabricated metal products	_	. 427 . 285	315 347	330 249	511 728	634 731	167 361	7,315 2,413	535 441	230
Engines and turbines Farm and garden machinery	······································	105						1,073		42 97
Construction and mining machinery	·····							. 19		12
Construction and mining machinery  Materials handling machinery and equipment  Metalworking machinery and equipment		195	55	98	176	160	84	17 323	599	13
special industry machinery and edulpment			.	30	1	100				
General industrial machinery equipment Miscellaneous machinery, except electrical		. 110 159	80 49	45	32 263	142	78 53	705 1,167	395 743	71
Office, computing, and accounting machines Service industry machines		92	. 223	.,	30			(*) 1,198	.7.	(
Electric industrial equipment and apparatus	·	2,239	731	235	419	133	170	205	100	29
Household appliances	***************************************	152	. 158 158	242	361	70	63	535	4	37 (' 8 29 17 15
Electric lighting and wiring equipment.  Radio, TV, and communication equipment.  Electronic components and accessories.  Miscellaneous electrical machinery and supplies.  Motor vehicles and equipment.		(*)	(*)	(*)	2,362	4	(*)	500 193	1,555	15
Miscellaneous electrical machinery and supplies	···········	630	2	169 224	9,148 28 56	4,792	386 446	1.810	923 135	$\epsilon$
Motor vehicles and equipment Aircraft and parts		53		1	56	3	3	30,783	10,076	52
Motor vehicles and equipment			900			10		19 236	531	6 52 3 88
Optical, ophthalmic, and photographic equipment	**************************************	42 25 14	369 2	9 9 2	126	37	7	16	216	1
Miscellaneous manufacturing Transportation and warehousing		14 440	59 190	211	19 642	10 667	1 278	16 23 1,159	1.009	1 2 36
Communications, except radio and TV Radio and television broadcasting		127	35	37	322	193	30	65	288	8
Private electric, gas, water, and sanitary services		448	241	177	529	666	187	965	676	29
Wholesale and retail trade		319	95	775 151	2,750 277	2,078 372	602 154	5,178 394	1,297	1,56
Real estate and rental Hotels; personal and repair services (except auto)		279	50	78 62	2,187 402	289 258	116 66	394 176 70	311 628	47
Business services		663	622	339	2,159	1,180	275	1,888	1,996	55
Eating and drinking places Automobile repair and services		173	57 17	76 17	437 65	370 130	66 26	128 683	934 101	
Amusements		1		1	10	21	20	15	21	
Health, educational, and social services and nonp Federal Government enterprises		43	43	8 18	62 200	51 58	8	75 116	156	
State and local government enterprises Noncomparable imports	· ·	5	- 3 15	3 7	192	11 36	4 17	19 575	9	
Scrap and used goods			. 1	24	192	36	. 22	59	10	.  .
Government industry						·				<u> </u>
Household industry							· · · · · · · · · · · · · · · · · · ·			
Inventory valuation adjustment		14,393		6,538	30,579	18,775	6,226	80,877	30,086	16,38
Value added		14,060	4,352	5,462	17,923	10,306				
Total industry output		28,453	12,848	12,000	48,502	29,081	11,736	116,852	56,708	28,5

<sup>\*</sup> Less than \$500,000.

#### by Industries, 1981—Continued

Scientific and controlling instruments	Optical, ophthalmic, and photo- graphic equipment	Miscel- laneous manufac- turing	Transportation and ware-housing	Communications, except radio and TV	Radio and TV broad- casting	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	Auto- mobile repair and services	Amuse- ments	Health, educational, and social services and nonprofit organi- zations
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77
(*)	(*)	2 20 8 (*)	2 5 (*) 5	1	(*)	8	33 3 1,049	4	19 2,120	3 33 43	16 14 8	524 1,071 1,117 1	(*)	81 1,161 101	118 149 22 100
i (*)	8	3 45	5 261			9,131 33,587			9						23
93 62	91 2	169 18	5,625 2 119	3,676 (*)	30 5	6,317 (*) 7	4,940 6 512	699 2 10	21,134 1 1	1,021 (*) 129	996 132 111	980 (*) 35,077	555 2	1,341 554	3,877 3 3,409
241 182 28 22	9 1 1	428 70 21 67 545	67 111 105 23 (*)	64	(*)	66	1 85 112 41 796 30	124	3 1 4	192 20 462 496 96	3 46 10	25 69 20	15 45 (*)	55 32 117 55 84	46 21 480 482 52
221 174 78 171 203	480 126 24 1,589 161	474 514 71 553 823 (*)	108 51 392 158	70 18 281 17	7 (*) 24 12	66 6 101 546	3,633 1,155 2,577 44	676 2 2,776 10	83 483 193	208 61 314 215	697 48 2,688 513	501 832 139 105	29 1 17 5	2 34 1 106 53	1,422 101 5,141 4,897
2 21 290 731	1 167 708	149 326 791 58	6 31 26,576 1,213	70 56 542 127	18 1	20,352 79	177 13,988 1,646	9 1,219 81	1,273 350	774 1 891 441	280 75 3,193 487	175 578 1,078	433 1,766 121	6 1 598 141	5,132 16 4,388 2,273
8 107 66 420 864 8	(*) 157 57 77 481	58 15 96 693 1,375	6 30 78 395 113	2 5 25 1 118	(*)	1 1 12 28 6	144 192 112 17	16 18 3 2	4 3 22	67 128 206 3 7	9 45 27 5	267 162 17	(*) 222 553	81 1 4	29 272 55 12
48 480 380	13 167 214	4 152 392 8	86 587 276	141 49 227	(*)	71 142 925	35 450 17	17	159 7 66	26 130	95 276 137 411 495	393 75	1,887 1,431 52	20 26	7 160 180
117	24	42 7	7 87	2	(*)	9 19	194 79 17				227 157 111	79	9	1	1
29 152 31	48 49 62	30 110	414 219 7 14 232	93 27	1	71 42 3 (*)	439 25 132	10 47	5 4	35 361 42 20	456 129 309 35 191	288 27	540 13 116	5 30	17 13 7
47 1 662 29 3	29 (*) 988 17 2	31 9 151 15 3	17 57 30 52 73 434	(*) 19 2,061 524 15 290	1 28 270 (*) 1	169 (*) 130 5 3 7 33	26 71 92 16 148 579	5 25 24 80 20 35	30 52 (*) 61 21	35 361 42 20 318 24 34 734 9	74 127 27 839 93 142	(*) 61 2 12 18	167 54 347 6,937	(*) 27 8 2 46	1 193 75 134 517 70
609 17 64 273 141	34 744 5 405 128	13 6 20 1,305 770 209	1,570 1,549 62 44 110 24,942 1,625	8 13 25 62 525 2,003	1 1 203 4 142 104	8 165 55 30 3,173 468	95 310 746 12,324 9,848	34 13 187 293 1,836 4,554	3 72 67 419 877	4 29 436 912 351 981	229 47 1,621 440 3,742 4,594	(*) 6 194 1,988 696	6 9 2 17 1,676 669	189 (*) 221 125 709 477	8 2,206 1,215 624 3,764 3,147
265 1,119 131 215 49 774 188 212 27 52 52	200 814 159 163 82 936 206 59 15 86 30 4	325 1,902 278 469 81 1,301 173 76 12 79 95 6	1,936 6,898 2,645 2,546 461 6,966 1,780 3,481 67 298 198	1,111 671 1,078 2,052 228 3,194 313 211 5 113 324 31	91 143 84 136 677 108 517 198 9 3,136 31 13	50,678 2,501 1,373 855 243 1,598 151 223 10 145 448 244	15,596 11,932 9,813 28,466 2,594 52,536 10,792 9,762 1,416 723 2,661	2,578 1,037 43,512 5,928 1,121 16,893 1,976 672 4 1,003 3,858 41	4,572 1,483 12,331 35,230 120 9,190 1,127 262 (*) 150 1,001 58	3,221 1,411 1,221 3,053 944 3,548 423 497 24 454 192 66	198 2,025 3,237 2,522 7,883 2,145 19,380 3,166 2,158 226 1,015 1,595 48	3,324 8,418 1,923 4,711 674 5,361 231 202 1,242 268 171 86	871 7,772 384 1,272 128 1,763 133 251 (*) 37 30 38	1,214 688 732 2,442 436 3,716 518 598 6,344 272 83	6,343 5,569 2,389 18,212 1,705 14,118 2,745 1,699 575 4,996 1,467
61	38	980	6,146	1,322	52		796	504		131 26	508	72	5	88	104 920
10,602 10,117 <b>20,718</b>	9,862 10,697 <b>20,559</b>	16,550 11,767 28,317	101,563 95,082 196,645	21,807 63,347 85,154	6,063 7,668 13,731	134,106 68,319 202,425	204,488 400,258 <b>604,746</b>	91,955 117,917 209,872	93,086 360,121 453,207	25,482 46,132 71,614	70,551 177,707 248,258	73,251 61,859 135,110	30,383 32,539 <b>62,922</b>	23,599 21,345 <b>44,943</b>	104,860 174,771 279,631

## Table 1.—The Use of Commodities

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	Federal Govern- ment enterprises	State and local government enterprises	Govern- ment industry	Rest of the world industry	Household industry	Inventory valuation adjust- ment	Tota intermed use
Industry num	ber 78	79	82	83	84	85	
Livestock and livestock products	9						78
Other agricultural products		3	***************************************				55
Agricultural forestry and fishery services	1 1	18					1:
Iron and ferroalloy ores mining Nonferrous metal ores mining							
Coal mining		994					29 19
Stone and clay mining and quarrying.							
Chemical and fertilizer mineral mining  New construction		11					
Repair and maintenance construction	285						8
Ordnance and accessories	1,267	f (*)					10
Tobacco manufactures							
Broad and narrow fabrics, yarn and thread mills.  Miscellaneous textile goods and floor coverings	8	3		ļ			3
Apparel		15					1
Apparel Miscellaneous fabricated textile products. Lumber and wood products, except containers	29	4	ļ				4
Wood containers							
Household furniture Other furniture and fixtures	4 4						
Paper and allied products, except containers		34					4
Printing and publishing	24 185	(*)					$\begin{vmatrix} 1 \\ 2 \end{vmatrix}$
Printing and publishing Chemicals and selected chemical products	8	458					9
Plastics and synthetic materials.  Drugs, cleaning and toilet preparations.	27	22					3
Drugs, cleaning and toilet preparations.  Paints and allied products.	2	(*)				<b></b>	· '
Petroleum refining and related industries Rubber and miscellaneous plastics products Leather tanning and finishing	588 	3,454 81		•			14
Leather tanning and finishing	(*) 16						
Glass and glass products		$\frac{1}{2}$					1 1
Stone and clay products Primary iron and steel manufacturing	i 1	98					3 9
Primary nonterrous metals manufacturing	9	1 4					5
Metal containers							1 3
Screw machine products and stampings  Other fabricated metal products  Other fabricated metal products							2
Other fabricated metal products Engines and turbines	13	9 34	ļ	.	.		3
Form and gordon machiness:		107					
Construction and mining machinery Materials handling machinery and equipment Metalworking machinery and equipment Special industry machinery and equipment Congretal industrial metalworks are consensed.	2	1		·		ļ	
Metalworking machinery and equipment		14					
General industrial machinery and equipment	15	7					1
General industrial machinery equipment Miscellaneous machinery, except electrical Office, computing, and accounting machines		230					1
Service industry machines		4					
Service industry machines Electric industrial equipment and apparatus		.   101					1
Household appliances Electric lighting and wiring equipment	19	28 58					
Radio, TV, and communication equipment Electronic components and accessories							
Miscellaneous electrical machinery and supplies		23					2
Motor venicles and equipment	82	141		·			1 1
Other transportation equipment Scientific and controlling instruments Optical, ophthalmic, and photographic equipment Miscellaneous manufacturing Transportation and warehousing	25	115	***************************************				
Optical, ophthalmic, and photographic equipment		9 23		······			
Miscellaneous manufacturing	44	. 29					
Communications, except radio and TV	150						11
Radio and television broadcasting							
Private electric, gas, water, and sanitary services	501	810					. 15 19
Finance and insurance Real estate and rental		166					. 10 14
Hotels; personal and repair services (except auto)	100	67					. 1
Business services  Eating and drinking places		737					. 24
Automobile repair and services	104	1 80					. 2
Amusements		5 1 37		·			. 1
Federal Government enterprises	578	91					. 1
State and local government enterprises Noncomparable imports	15	6		·			. 2
Scrap and used goods		2					
Government industry Rest of the world industry			·····				
Household industry Inventory valuation adjustment							
Total intermediate inputs	10.629	25,028					2,78
Value added	21,18	12,877	307,748	52,479	7,042	-28,556	2,10

<sup>\*</sup> Less than \$500,000.

#### by Industries, 1981—Continued

at producers' prices]

January 1987

	0		***	- <del>1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1</del>	Federal	Government p	urchases	State and lo	cal governmer	t purchases		
Personal onsumption expenditures	Gross private fixed investment	Change in business inventories	Exports	Imports	Total	National defense	Nondefense	Total	Education	Other	Total final demand	Total commodity output
91	92	93	94	95		96	97		98	99		
2,636 10,645 550 483	757	523 4,914 21 49 114	434 26,528 202 232 613 322	$\begin{array}{r} -491 \\ -2,094 \\ -1,947 \\ -3 \\ -1,218 \\ -1,165 \end{array}$	9 2,396 -677 97 -15 -1 58	2 6 -15 -1	2,396 -677 91	78 545 96 640	33 265 5 224	45 280 -102 415	3,189 42,934 -1,948 1,449 -571 27	76,987 95,196 6,483 13,063 3,806 4,508
254 1 3	576 230,976	430 4,200 -29 217	4,695 1,754 355 411 12	$     \begin{array}{r}       -40 \\       -60,138 \\       -323 \\       -506     \end{array} $	4,181 -1 5 10,610	3,108	18 4,180 5 7,503	162 -52 135 48,829	8,169	-52 135 40,659	$\begin{array}{r} 5,559 \\ -49,427 \\ -49 \\ 265 \\ 290,427 \end{array}$	26,149 147,511 6,378 2,672 290,427
965 154,868 11,435 1,663	11,299	93 1,289 612 438	$\begin{array}{c} 44 \\ 1,915 \\ 13,525 \\ 1,230 \\ 2,092 \end{array}$	-184 -12,687 -315 -1,904	5,065 10,893 1,276	3,500 10,072 182	1,565 821 1,094	48,829 17,851 62 4,573 (*) 90	6,195 3,109 (*) 42	11,657   62 1,464	34,259 13,781 162,843 12,961 2,480	118,665 14,725 269,702 16,510 34,953
2,699 45,271 5,227 808	1,125	198 2,132 247 472 (*)	821 1,391 680 2,776 13	$     \begin{array}{r}       -512 \\       -10,109 \\       -398 \\       -3,541 \\       -49     \end{array} $	21 493 126 36 8	2 493 97 29 5	19 29 8 2	32 462 288 103	5 10 46 72	27 453 241 31	4,384 39,640 6,169 668 -29	11,326 51,795 11,270 43,357 629
11,795 634 8,631 281 15,274	995 7,236	306 48 1,230 276 906	303 325 4,280 228 1,367	-761 -623 -5,630 -34 -601	74 151 173 65 643	15 38 51 44 255	59 113 122 21 388 553	79 919 1,717 146 5,142	55 550 753 54 3,000	24 369 964 92 2,142	12,791 8,690 10,401 962 22,731	13,428 9,803 59,231 18,878 48,972
27,076 337 69,093 9,320	898	1,721 655 835 169 1,996 978	12,522 3,916 2,592 267 7,528 2,782	$     \begin{array}{r}       -8,513 \\       -756 \\       -2,266 \\       -16 \\       -20,089 \\       -4,210     \end{array} $	2,456 67 491 7 4,743 606	1,903 63 321 1 6,170 485	553 4 170 6 -1,427 122	1,423 3 1,514 172 5,818 895	445 3 308 145 2,937 189	979 1 1,206 27 2,881 706	12,477 3,886 30,241 936 69,090 10,436	105,776 35,523 43,607 8,667 212,018 53,353
10,263 1,197 1,657 8 50	20	35 497 311 699 1,071	297 261 815 1,215 3,274	$ \begin{array}{r} -379 \\ -3,800 \\ -760 \\ -2,129 \\ -12,691 \end{array} $	2 39 22 111	1 25 11 46 185 209	1 14 12 65 45	46 448 130 33 28 35	117 54 6	46 331 76 27 27	-45 7,306 2,033 1,683 -8,056	2,041 8,324 12,880 34,748 87,797
451 901 2,936 773	135 10 4,423 2,634 2,117	1,610 21 358 267 748 132	3,619 174 2,433 1,125 2,344 3,269	$     \begin{array}{r}       -6,748 \\       -70 \\       -611 \\       -902 \\       -3,388 \\       -1,621     \end{array} $	230 382 90 1,411 159 642 1,114	90 968 117 480 1,079	173 443 42 162 36	28 35 281 244 172	2 33 177 132	58 112 172	-925 259 8,466 1,780 6,161 5,957	58,316 11,291 39,862 23,721 40,588 15,064
368 136	11,399 13,375 4,361 13,832 8,901	129 646 98 488 194	1,679 9,509 710 2,421 3,888	-1,385 -1,778 -381 -2,668 -2,367	32 229 193 160 131	28 159 147 125 103	5 70 47 35 28	119 509 4 85 38 75	28 2 53 36	91 509 2 32 2	12,062 22,489 4,985 14,686 10,920	15,255 28,986 7,719 23,013 13,152
331 1,144 722 157	8,689 35 22,095 4,438 8,140	472 198 916 256 807	4,338 280 9,308 2,051 4,690	$     \begin{array}{r}       -3,432 \\       -7 \\       -3,271 \\       -395 \\       -2,226     \end{array} $	468 307 1,688 147 1,251	362 146 1,078 87 847	106 162 609 60 404	75 54 525 380 175 112	28 319 289 68	75   26   206   92   107	10,611 1,197 32,403 7,599 12,993	25,839 16,026 36,498 15,584 29,180
8,645 1,664 9,904 1,104 2,966 51,502	1,890 152 21,686 87 2,323	-42 329 1,917 958 309	1,093 651 4,112 5,558 1,389	-1,260 -1,104 -9,127 -5,137 -1,484	52 103 10,444 1,657 365 1,626	46 77 9,037 1,219 168	6 26 1,407 437 196	112 251 384 86 222 3,059	46 190 261 35 26	67 61 123 52 196	10,490 2,046 39,321 4,313 6,089	12,565 11,933 48,176 30,177 11,534
310 8,176 2,809 3,347 18,890	2,323 33,549 7,617 11,346 7,115 7,569 2,717	1,283 2,348 334 454 531 1,270	12,245   16,725 1,774 3,416 2,908 2,520	-28,981 -3,534 -2,336 -2,767 -3,533 -6,923	1,626 18,509 4,678 1,259 1,318 173	1,252 17,370 4,444 871 605 93	375 1,139 234 389 713 81	3,059 10 494 1,222 1,215 1,206	864 39 82 524 746	2,196 10 454 1,140 691 460	74,283 41,986 24,466 13,509 13,354 19,851	116,176 54,326 27,810 20,932 20,186 26,997
49,894 32,943 564 70,923 333,424	2,754 4,900 36,284	2,856	17,826 1,372 5 610 24,186	-5,336 -5,531	5,686 1,921 3,360 3,582	4,646 818 1,598 2,648	1,041 1,103 1,762 934	5,558 2,316 6,836 4,853	3,484 1,106 3,836 1,727	2,074 1,210 3,000 3,126	81,004 43,452 564 76,392 413,737	199,899 85,154 862 234,230 606,807
97,943 284,767 51,583 25,315 105,840	10,903		3,118 7,986 35 4,896 124	-715 -539	517 1,047 855 13,494 270	11 397 578 5,889 174	506 650 278 7,604 96	4,878 4,842 852 9,420 -3,109	249 575 -480 3,386 -4,070	4,629 4,266 1,332 6,035 961	105,740 309,544 53,324 52,586 103,126	208,060 458,352 71,115 292,909 137,978
34,910 28,676 261,041 4,269 6,044		961	1,003 94 90 1	-19 -31	121 297 4,648 222 112	71 192 434 181 71	49 105 4,215 41 41	971 237 1,500 694 117	205 203 -1,034 62 68	766 34 2,534 631 49	35,989 31,143 267,284 5,275 6,274	63,305 44,875 279,253 22,221 7,912
15,253 6,794 -14,433 7,042	139 -14,717	1,993 1,262	396 2,586 106,530	-45,375 -705 -39,195	7,487 -196 106,109 -422	6,600 -67 74,812 -26	837 -129 31,297 -396	23 1,142 201,638	19 242 110,958	901 90,681	-20,134 -3,834 307,748 52,479 7,042	2,685 307,748 52,479 7,042
		-28,556									- 28,556 3,056,099	- 28,556
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

### **Table 2.—The Make of Commodities**

	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	Livestock and livestock products	Other agri- cultural products	Forestry and fishery products	Agri- cultural, forestry, and fishery services	Iron and ferro- alloy ores mining	Non- ferrous metal ores mining	Coal mining	Crude petro- leum and natural gas	Stone and clay mining and quarrying	Chemica and fertilize minera mining
1	Commodity number	1	2	3	4	5	6	7	8 .	9	10
	Livestock and livestock products	76,979	05.100	119	677						
3 [	Other agricultural products		95,196	884 5,480	1,110						
Ι.	Agricultural, forestry, and fishery services				11,217	3,625	16		•••••		
١.	Iron and ferroalloy ores mining	***************************************				173	4,477	5	(*)	(5)	1
1	Coal mining		••••••				12	26,135	147,196	19 1	
H	Stone and clay mining and quarrying.	***************************************				8	2	3 5	3	6,059	······
1	Chemical and fertilizer mineral mining	•••••	***************************************				1			8	2,60
	Repair and maintenance construction										
1	Ordnance and accessories										·····
1	Tobacco manufactures										
	Broad and narrow fabrics, yarn and thread mills										•••••
ŀ	Apparel Miscellaneous fabricated textile products							······			
1	Miscellaneous fabricated textile products Lumber and wood products, except containers					<u> </u>					
1	wood containers								•••••		
Į.	Household furniture Other furniture and fixtures					<b></b>					• • • • • • • • • • • • • • • • • • •
1	Paper and allied products, except containers										
ı	Paperboard containers and boxes										
1	Chemicals and selected chemical products								68		
	Plastics and synthetic materials							•		2	
П	Paints and allied products										
۱	Petroleum refining and related industries									34	
	Leather tanning and finishing. Footwear and other leather products.					***************************************					
1	Footwear and other leather products						····				• • • • • • • • • • • • • • • • • • • •
Т	Stone and clay products				.,					238	
١.	Primary iron and steel manufacturing			·····	<b></b>		(*)			11	
l	Metal containers	••••••									
	Heating, plumbing, and fabricated structural metal products Screw machine products and stampings			ļ			ļ.:	·····			
	Other fabricated metal products						• • • • • • • • • • • • • • • • • • • •				
	Engines and turbines										
	Farm and garden machinery Construction and mining machinery										
- 1	Materials handling machinery and equipment  Metalworking machinery and equipment							·····			
1	Special industry machinery and equipment										
1	General industrial machinery equipment					ļ		ł			
	Miscellaneous machinery, except electrical										
	Service industry machines Electric industrial equipment and apparatus	ļ					·····	•••••		ļ	
1	Household appliances						ļ	[			
1	Electric lighting and wiring equipment						<u> </u>	<u></u>			
1	Electronic components and accessories						[:				
	Miscellaneous electrical machinery and supplies  Motor vehicles and equipment										
	Aircraft and narte	ļ					ļ	ļ			
İ	Other transportation equipment Scientific and controlling instruments Optical, ophthalmic, and photographic equipment.										
	Optical, ophthalmic, and photographic equipment	ļ			ļ		ļ			ļ	
	Miscellaneous manufacturing Transportation and warehousing				59						
1	Communications, except radio and TV				·····			ļ	ļ		
١	Private electric, gas, water, and sanitary services	L							243		
1	Wholesale and retail trade Finance and insurance			·		•	ļ				ļ
	Real estate and rental						ļ				
İ	Hotels; personal and repair services (except auto)	ļ									·····
1	Eating and drinking places										
	Automobile repair and services				······		ļ				<b></b>
Ţ	Health, educational, and social services and nonprofit organizations										
	Federal Government enterprises State and local government enterprises			•		· ·····	·····	ļ	·····		
1	Government industry										
1	Rest of the world industry					·	ļ	ļ			
	Inventory valuation adjustment										
1			1	1	1	1 .	1	I	1	1	7

<sup>\*</sup> Less than \$500,000.

#### by Industries, 1981

New con- truction	Repair and main- tenance con- struction	Ordnance and acces- sories	Food and kindred products	Tobacco manu- factures	Broad and narrow fabrics, yarn and thread mill	Miscel- laneous textile goods and floor coverings	Apparel	Miscellaneous fabricated textile products	Lumber and wood products, except containers	Wood con- tainers	Household furniture	Other furniture and fixtures	Paper and allied products, except containers	Paper- board containers and boxes	Printing and publishing	Chemicals and selected chemical products
11	12	13	14	15	16	17	18	19	20	21	22	23	. 24	25	26	27
			2,857													
			619						106						 	
													••••••			
			(*)													107 1
290,427																1,329
	118,665	13,408								(*)	-1					
			265,352	16,466		(*)	15	1	6			2	49 4	14	12	482
					34,265 149	214 10,272 43	367 22 51,161	1,421 43	40		12	3 49	76 49		16 14	7
			5		166 143	43 21	51,161 55	181 9,080	5		8	, 1 - 1	13 43	1		
			(*)		3	1		1	42,616 44	93 522 (*)	36 1	2 60 (*)	66 3	7 2	15 (*)	58
		7			1	9 161		30 7	44 55 45	(*)	13,090 37	31 9,297	5 7		4	2
			(*)	41	4	156 1	***************************************	74	111			1	57,673 74	102 18,445	323 43	336 
		7	371	3		37		10 4	12			14 1	74 455 102	67	47,964 49	79,715
			14 401		142	210	24	99 24	16				4 15		5	79,715 2,123 1,906
			Ž		3	2			1				1 13	3		150 16,526
		25	45 2		3 49	132	50 2	49 3	13	2	51	9	120	33	41	440
					1		30	41 4	26 3	•••••	4	(*)	4	10	5 2	
	••••••	36			5	23	1	6	36 49			(*)	68 9 27	10	(*)	96 392
		3	10			••••••			4		3	(*)	27 7	76	194	470
	••••••	29 27				•	***************************************	8 19	31	4	13 6	22 8 32	14		1 1 1	14 135
		29 37 27 21	1		5	***************************************		6	3 26	1	18	32	2 90	26 47	53	20
•••••••		8					••••••		12	2	4 12	3		8	••••••	29 61
		19 51					1	1			1	7	9	Q	(*) 8	
	••••••	4			4 3		$\frac{1}{2}$	1	30	(*)	7	3	4			39
•••••	······································	5 3	***************************************			1	***************************************	3	1		1	5 (*) 35 6	1	***************************************	47	25 39 32 13 25 69 25 5
	·····	12 7	16				***************************************	5			1	6	18 10	4	1	69
		14				10			4		12	3 48	12		1	5
		19 382 32			4	18	••••••	,	4		1 25	48 3 1	13		10 13	10
						8			4	2	9		10		1	10 23 37 3
		17 473					20	32	z			94 17	47	10	22	
		43 25 2 11	7		2	2	6 8	10 4	14 5		2	20 13	40	19	4	100 178 302
	•••••	11	(*)		4	3	32	86	30		76	13 2 6	43 34	4	22 94	302
							***************************************		••••••				•••••			
							• • • • • • • • • • • • • • • • • • • •							***************************************	***************************************	397
	•••••					•••••	•					·············	• • • • • • • • • • • • • • • • • • • •	***************************************	***************************************	
					***************************************	***************************************	***************************************		••••			• • • • • • • • • • • • • • • • • • • •				
	•					***************************************						•	• • • • • • • • • • • • • • • • • • • •		•••••••	
															***************************************	77
														•		
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

Table 2.—The Make of Commodities by

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	Plastics and synthetic materials	Drugs, cleaning and toilet prepar- ations	Paints and allied products	Petroleum refining and related industries	Rubber and miscel- laneous plastics products	Leather tanning and finishing	Footwear and other leather products	Glass and glass products	Stone and clay products
Commodity number	28	29	30	31	32	33	34	35	36
ivestock and livestock products			•						***************************************
orestry and fishery products									
orestry and fishery productsgricultural, forestry, and fishery services			***************************************						
on and ferroalloy ores mining									
oal mining					***************************************				
rude petroleum and natural gastone and clay mining and quarrying				6,182 68					22
hemical and fertilizer mineral mining									14
lew construction				·····					
Ordnance and accessories	8	276		1	3 76				
obacco manufactures			·····				***************************************		
Broad and narrow fabrics, yarn and thread mills	1,608 89	(*) 8		5 2	65	(*)	2	4	7
fiscellaneous textile goods and floor coverings	3	0		4	87 7	(*)	38		
upparel hiscellaneous fabricated textile products	1	3	1	11	17 75		3	10	10
Vood containers		9	1	11	2		(*)		1
Iousehold furniture				ļ	28 135		3	72	
Paper and allied products, except containers	42	15	6	8	486		<sup>2</sup>		3
aperboard containers and boxes Printing and publishing Themicals and selected chemical products					153 29		3 5	19 1	
Themicals and selected chemical products	4,894	1,211	129	1,742	60	6		1	13
Plastics and synthetic materials	27,506 280	72 41,453	34 55	133	454 47				1
Paints and allied products	225	41,455	8,338	4	6				1
Petroleum refining and related industries	225 215 396	104 65	13 13	203,584	50,237		1 54	3	1
cubber and miscenaneous piastics products eather tanning and finishing Cootwear and other leather products	390	05	15	1 1	2	2,032	7		
Footwear and other leather products		1	3 3		26 24	1	8,171	10 419	
Stone and clay products	99	12	111	121	95		(*)	12,413 60	33,34
Primary iron and steel manufacturing		5			5 101			126	
Primary nonferrous metals manufacturing		Ð		1	20			5	
Metal containers Leating, plumbing, and fabricated structural metal products Screw machine products and stampings Other fabricated metal products	9.0		3	3	78 47			67	1
Other fabricated metal products	18	10	20	1	148	(*)	2	$\frac{1}{2}$	
Engines and turbines					7 5				
Anniand garden machinery Construction and mining machinery Materials handling machinery and equipment					22				
Materials handling machinery and equipment		21		9	$\frac{1}{34}$				\
Special industry machinery and equipment		. 4	2		12				
General industrial machinery equipment	. 4	2	2		64			. 12	
Hice computing and accounting machines	3				42		1		
Service industry machines	•	. 13			9 46			(*)	
nousenoid appliances		. 13			27			ì	
Electric lighting and wiring equipment Radio, TV, and communication equipment	12		ļ	1	13 33		1	12	
Electronic components and accessories					40				
Miscellaneous electrical machinery and supplies		3	22	10	13 7		5	(*)	
Aircraft and narte	1			. 9	101				
Other transportation equipment Scientific and controlling instruments Optical, ophthalmic, and photographic equipment Miscellaneous manufacturing		208			5 34		. 5	60	
Optical, ophthalmic, and photographic equipment	. 39	10	5		97 200	(*)	21	(*)	
ransportation and warenousing		. 74	4	2	200	<u> </u>		ļ	ļ
Communications, except radio and TV									·
Radio and television broadcasting Private electric, gas, water, and sanitary services				121					
Wholesale and retail trade		-	ļ		,				·····
Real estate and rental									
Hotels; personal and repair services (except auto)									1
Eating and drinking places									
Automobile repair and services  Amusements								1	·
Health, educational, and social services and nonprofit organizations									
Federal Government enterprises								·}	·
Government industry									
Rest of the world industry						1		1	
Inventory valuation adjustment								<b></b>	
		1	1	1		1	4	1 1 1	Y

<sup>\*</sup> Less than \$500,000.

### Industries, 1981—Continued

rimary ron and steel manu- ecturing	Primary nonferrous metals manu- facturing	Metal con- tainers	Heating, plumbing, and fabricated structural metal products	Screw machine products and stampings	Other fabri- cated metal products	Engines and turbines	Farm and garden machinery	Construc- tion and mining machinery	Materials handling machinery and equipment	Metal- working 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
37	38	39	40	41	42	43	44	. 45	46	47	48	49	50	51	52
	••••••					······································									
		••••••													
	•••••												27	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	•	••••••				 	***************************************					***************************************		······	
27	3	1	110	27 31	26	43		2	1	45	42 15	8	19		1
		1 25 27	9		5	***************************************	Z				30			***************************************	
	3	 	1		3						13 1	3		(*)	3
1	5		113	1 5	11 101		3		(*) 2 1	39	3	2	2		
12 5	14	·····	26 49 10	7 8	31 19 204		8 3		12	8 3	5	7	6	29 16 193	7
		15	10 10	16	204 32 92				15	2 10	20	10			
6	50	14	16	20	153	***************************************	34		4	10 14 11	16 130	17	z	48 6	9
			1		17 21						8	24			1
32	22	72 3	53	22	169		20	7	17	136	40	7 59	43	29	8
2	••••••		1 10	3 3	11 13	***************************************	1			6 8 34	1	6	1		
85,484 411	448 56,551	99	466 287 1126 322 37,113 147 143 82 162 29 45 75 139 18 57 126 225 100 43 44 43 11 137 131 184 46 55	1 167 14	43 2,208 421		5 48 2 3 45 36	5 24	2 7	34 122 118 9	9 14 18	25 118 72	6 41 8	13 24	1
75 77		22 11,013 10 52 9	32 37,113	20 77	17 226 147	30	3 45	29	84 17	9 41	1 1		63 20		63
77 262 9	100 57 88 2	52 9	112 147	21,985 118 12 22 7	147 34,454	30 29 34	44	29 18 65	42	374 226	16 91	107 71 192 121 57	110	14 17 21	63 25 32 19
138 231	(*)	•••••	82 162	22	34,454 31 43 408	13,213 63 375	14,384 139	16 373 27,876	23 223	14 14 45	40 36	57 459	14 7 36	21	1 7
19 89	7		29 45	6 37	408 20 196	12 10	22 95	71 44	6,932 29	29 20,935	51 110	85 91	15 46	15 24	3 24 32 111
19 89 30 60 19	7 5 51 16	1 2	139 18	37 14 33 6	41 340 27	9 143 28	3 14,384 139 22 95 16 35 6	44 22 68 7	6,932 29 46 33 8	41 374 226 47 14 45 29 20,935 99 77 62 12 222	38 16 91 29 40 36 51 110 11,778 145 27 13 18	127 22,907 82	14 121 15 072	15 24 75 53 3	111 7
2 9		8	57 126	50 8 9	115 95		24	1	17 23 25	12 22	13	82 74 139	15,072 19 21	34,140 18 99	2 14,674
24 36	56 83 7	10	25 100	9 110	39 22 80	109	23	4			13 1 5	98 116	10 4	99	14,674 28 247
12 20	94 103 29	******************	24 24 43	39	75 36	12		7 9	17 5	14 7 46	49 105	13 72	37 21	911	1 6
2 9 24 36 61 12 20 12 505 84 23	29 295 166 12	4	1 137	650 650	6		97	6 119	(*) 67 47 8	10 181	(*) 28	20 98	73 60	1,023 25 50	8 141 77
84 23 2	12 27	·····	131 184 46	110 51 3 39 2 650 65 13 15	169 167 52 95	185 626 126	39 114	94 100	47 8 16	46 10 181 63 57 20 14	49 105 (*) 28 130 13 12 25	8 13 72 20 98 306 93 84 49	14 37 21 73 60 22 12 18 28 28	102	77 11 13
7	1 21	4 1	5 27	11 32	100	18	6	10 1	10	14 24	25 9	49 15	28 18	148 7	1
·············	••••••	•													
		••••••													
······		••••••••••••••••••••••••••••••													
	••••••														
••••••															
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

#### **Table 2.—The Make of Commodities**

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 communi- cation equipment	Electronic components and accessories	Miscel- laneous electrical machinery and supplies	Motor vehicles and equipment	Aircraft and parts	Other tran portation equipmen
Commodity number	53	54	55	56	57	58	59	60	61
Livestock and livestock products				· ·			7.		
Other agricultural products						••••••			
Forestry and fishery products	•					*************			
Iron and ferroalloy ores mining			· · · · · · · · · · · · · · · · · · ·						
Nonferrous metal ores mining	·								
Crude netroleum and natural gas									
Stone and clay mining and quarrying		L					•••••		
New construction									
Repair and maintenance construction									
Ordnance and accessories	. 26	6	1	602	9	1	67	611	10
Tobacco manufactures	<b></b>		·····						
Broad and narrow fabrics, yarn and thread mills	·			<b>ļ</b>	6		8		
Apparel	·	• • • • • • • • • • • • • • • • • • • •			3				
Apparel Miscellaneous fabricated textile products	<b> </b>	1	(*) 1	20	2		5 20	1	1
Lumber and wood products, except containers		<u> </u>	1	20	<sup>2</sup>	· · · · · · · · · · · · · · · · · · ·			1
Household furniture		44	5	5	16		7		
Other furniture and fixtures	8	3	3 4	7	216	5 4	13	10	
Panerhoard containers and hoves	ļ	J			ļ	ļ	ļ		
Printing and publishing Chemicals and selected chemical products		ļ		16 10	93	92	····	a	
Plastics and synthetic materials	1		• • • • • • • • • • • • • • • • • • • •	]					
Drugs, cleaning and toilet preparations		6		11	ļ	56	ļ		ļ
Paints and allied productsPetroleum refining and related industries	1						<u> </u>		
Rubber and miscellaneous plastics products	.i 13	16	25	12	42	11	73	35	:
Leather tanning and finishing					•		2	1	
Class and glass products	1 6	6	8	8			16		
Stone and clay products Primary iron and steel manufacturing	15	<b></b>	35 113	22	$\frac{20}{24}$	. 3	222	11	)
rimary nonierrous metals manufacturing	.1 75	3	27	18	24	90	234	. 11	1
wietai containers			1				8 71	F1	
Heating, plumbing, and fabricated structural metal products	. 58 50	46 152	20 24	26	5 25	21 22	53	51 11	
Other fabricated metal products	.1 90	21	24 34	23	25 30	22 19	46	26	1
Engines and turbines Farm and garden machinery	1 . 2	14	7	21 11		4	198 30	53 16	
Construction and mining machinery	.1 62			43			135	3	
Materials handling machinery and equipment	.  10	6	9	7 13	27	1	64	5 25 1	
Special industry machinery and equipment	. 8	5	2	5	5	2	50 21	ĭ	
General industrial machinery equipment	. 80	50	24	10 5	52	4 15	152 185	22 19	
Office, computing, and accounting machines	1 98	9	27	99	1,257	40		47	
Service industry machines	. 19	255	11	12	7	29 32	603	8	
Electric industrial equipment and apparatus	26,466	21 11,754	170 11	215 40	462	32 24	45 50	15	<u> </u>
Electric lighting and wiring equipment	. 144		10,829	123	147	24 39	118		
Radio, TV, and communication equipment	. 205 102	8	50 133	45,715 329	743 26,580	8 73	99 28	49 33	
Miscellaneous electrical machinery and supplies	.1 129	ĭ	46	36	. 45	10,622	275	20	
Motor vehicles and equipment	235 81	77	83 39 2	351	94	254	112,959	73 53,049	1
Other transportation equipment	919	(*)	ž	9	18		130	43	27,1
Optical, ophthalmic, and photographic equipment	135 17	29	62 108	183 122	110	37 22 5	67 11	29 30	
Miscellaneous manufacturing	il 'i	5	16	46	92 19	5	1 4	9	
Transportation and warehousing		ļ	••		• • • • • • • • • • • • • • • • • • • •		·}		
Radio and television broadcasting		1	*******************						
Private electric, gas, water, and sanitary services		ļ							
Wholesale and retail trade Finance and insurance									
Real estate and rental								-	·····
Hotels; personal and repair services (except auto)									<b></b>
Eating and drinking places					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	}		.]	
Automobile repair and services  Amusements		<u> </u>		1	·	· · · · · · · · · · · · · · · · · · ·	·	1	1
Health, educational, and social services and nonprofit organizations									ļ
Federal Government enterprises				J	······		ļ		·····
State and local government enterprises  Government industry		· · · · · · · · · · · · · · · · · · ·			1				1
Rest of the world industry						ļ			
Household industry Inventory valuation adjustment								······	1
		[		[					]
Total commodity output	29,180	12,565	11,933	48,176	30,177	11,534	116,176	54,326	27,8

<sup>\*</sup> Less than \$500,000.

## by Industries, 1981—Continued

scientific and ontrolling struments	Optical, ophthalmic, and photo- graphic equipment	Miscel- laneous manufac- turing	Transportation and ware housing	Communi- cations, except radio and TV	Radio and TV broad- casting	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	Auto- mobile repair and services	Amuse- ments	Health, educational, and social services and nonprofit organi- zations
62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77
							•	-						77 91	
			28	•••••							•••••			91	
							•••••								
••••••						5,863									
				•••••					,						
							······								
	11	18 25 (*)		***************************************			•				2				
41 5	***************************************	13		••••••											
25 9	***************************************	48 31		***************************************			••••••				1				
15		17									(*)		•••••		
16 40 54	9 7	21 20									3 1				
	106	209 (*) 82									13 33				
. 11 92 9	31 312	82 47					•				28,968				
133	22	79 4				• • • • • • • • • • • • • • • • • • • •	•••••				2				
56	14	107		••••••		• • • • • • • • • • • • • • • • • • • •					9				
3	1	3 17									1				
16 22	8	10 20									î				
12	16	1 18				105									
41	3	23 41		•••••••••							2			,	
18 228 28	3	41 51									3				
. 28 8 54		5 12													
8	1			•••••••		• • • • • • • • • • • • • • • • • • • •		***************************************			(*)				
53 33 50	4 9	22 4 8	***************************************	***************************************						***************************************					
208 31	5 111	8 2 49									7				
204	31	49 17 1									2				
24 23 153 75 20 67	11	18 12 15									2				
153 75	72 44	45			••••••										
67 152	11 72 44 10 5 2	7 33 51													
15		11					•				1				
18,633 161 76	200 19,133 5	54 29 25,690									1,078				
			194,554	85,154		1,625					1		1		
					862	201,575					12,869				
***************************************				***************************************			604,746	207,960	453,207		1,912				
				***************************************					455,207 444 1,273	71,086 29	84 246,956				
· · · · · · · · · · · · · · · · · · ·										25		135,110	62,922		
					············						588 378			44,356	279,253
			5,256			4,739 20,324	1,534 527	48 51	199 3,230			2,868	382	65 287	
			***************************************				***************************************								
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

## SURVEY OF CURRENT BUSINESS

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

[Millions of dollars at producers' prices]

	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	Federal Govern- ment enter- prises	State and local government enterprises	Scrap and used goods	Govern- ment industry	Rest of the world industry	House- hold industry	Inventory valuation adjust- ment	To indu out
	Commodity number	78	79	81	82	83	84	85	
1 L	ivestock and livestock products				,				
2   0	Other agricultural products				<b></b>			·····	
4   A	Agricultural, forestry, and fishery services								
5   I:	ron and ferroalloy ores mining							[	
6   N	Vonferrous metal ores mining								
8   č	rude petroleum and natural gas			·····					1
9   8	rude petroleum and natural gas			,				}\	
0   C 1   N	Nemical and lertilizer mineral mining			,					2
2   F	Repair and maintenance construction								1
3   5	Ordnance and accessories					ļ		·····	2
5   T	obacco manufactures	Į.		-					
6   E	Broad and narrow fabrics, yarn and thread mills	<b>.</b>							
1 1 1	Miscellaneous textile goods and floor coverings	· · · · · · · · · · · · · · · · · · ·							
	Miscellaneous fabricated textile products								
0   I	Miscellaneous fabricated textile products	}		5	ļ	<b> </b>		[	
2   1	Wood containers			(*)	<u> </u>				
3 I C	Other furniture and fixtures	L		4					
4   F	Paper and allied products, except containers			4	}			-}	
5 F	Paperboard containers and boxes	<b></b>		17					
7   C	Printing and publishing			4					
8   F	Plastics and synthetic materials	ł		3					
őli	Paints and allied products.			(*)					
1   F	Paints and allied products Petroleum refining and related industries			` <b>6</b>				.}	2
2   F 3   I	Rubber and miscellaneous plastics products eather tanning and finishing footwear and other leather products. Plass and glass products.	ļ			ļ	ļ			
4   F	Footwear and other leather products.								
5   9	lass and glass products	<b>]</b>		ļ		ļ			
6   S 7   H	Stone and Clay products			16		·····			
8   E	Primary nonferrous metals manufacturing			19					
9   1	Metal containers	<b></b>	•••••	(2)			<u> </u>		
0   H	Heating, plumbing, and fabricated structural metal products	·····		48			·····	1	
$\tilde{2} \mid \tilde{\zeta}$	crew machine products and stampings.  ther fabricated metal products.			26					
				240		}	·	·}	
	Parm and garden machinery			487			1		
6 1	Materials handling machinery and equipment			72				.}	
7   N 8   S	Materials handling machinery and equipment. Metalworking machinery and equipment. poctal industry machinery and equipment.	<b>†</b>		43 126			·····		
ğ   č	Jeneral industrial machinery and equipment  Miscellaneous machinery, except electrical			28					
0 1	Miscellaneous machinery, except electrical		ļ	7					
2   3	Service industry machines	·		158 14		·		1	
3   I	Electric industrial equipment and apparatus	.1		38					
4   1	Household appliances Electric lighting and wiring equipment	. k	}	3					
6   i	Radio, TV, and communication equipment			333					
$7 \mid 1$	Electronic components and accessories		,	31			<b>}</b>	.}	
8   1 9   1	Miscellaneous electrical machinery and supplies		·····	17		·····	·	·}	1
nı	Aircraft and narte			. 58					
$\begin{array}{c c} 1 & 0 \\ 2 & 3 \end{array}$	Other transportation equipment Scientific and controlling instruments. Dutical, ophthalmic, and photographic equipment Miscellaneous manufacturing	ļ	ļ	15	ł	ļ		·•	
3 6	Optical, ophthalmic, and photographic equipment	1	<u> </u>	229					
4 1	Miscellaneous manufacturing	ļ		. 20					
( G	Transportation and warehousing	<del> </del>	······	404	ļ	·	·	· <b> </b>	
7 1	Radio and television broadcasting	<b></b>			<b></b>		.,		· .
8 1 1	Private electric, gas, water, and sanitary services		89	ļ		ļ		-	
9	Wholesale and retail trade	<u> </u>		1	<u> </u>			1	
1   1	Real estate and rental		ļ						. 4
72   1 73   1	Hotels; personal and repair services (except auto)	·}	}		·····		·}·····		
74	Business services Eating and drinking places	1	<b>!</b>		1	1	1	1	
75 (.	Automobile repair and services	<b></b>	ļ		<b></b>		ļ		·
76 77	Amusements	<b>†</b>	ļ	·	· <del> </del>	·}	· <del> </del> ······		
78	Federal Government enterprises	22,221	<b></b>		1		1		,
79	State and local government enterprises	.1	7,823						
32   33	Government industry				307,748	52,479	·		1
34	Household industry		I			02,413	. 7,042		
35	Inventory valuation adjustment	.}		.		·}	·	28,556	-
t	Total commodity output	22,221	7,912	2,685	307,748	52,479	1	-28,556	5.

<sup>\*</sup> 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]

		19	83 .	14.		19	84			19	85			1986		Percent	change
State and region	I	п	Ш	IV	I	П	III	IV	I	п	Ш	IV	I r	II '	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 Connecticut Maine Massachusetts New Hampshire Rhode Island Vermont	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
	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
	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
	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
	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
	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
	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 Delaware District of Columbia Maryland New Jersey New York Pennsylvania	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	119,676	122,625	124,287	127,854	131,612	133,291	135,488	137,363	140,134	141,769	141,940	144,597	146,807	147,355	148,268	0.6	4.5
	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 Lowa Kansas Minnesota Missouri Nebraska North Dakota South Dakota	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
	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
	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
	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
	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
	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
	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
	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 Alabama Arkansas Florida Georgia Kentucky Louisiana Mississippi North Carolina South Carolina Tennessee Virginia West Virginia	558,982 35,931 20,831 124,457 58,717 34,642 46,220 21,036 58,445 29,175 44,553 67,198 17,777	571,754 36,684 21,180 128,852 60,498 34,905 46,269 21,254 59,987 45,265 68,923 18,029	578,527 36,921 20,919 131,926 61,494 34,863 46,733 20,825 60,942 30,450 45,286 70,055 18,115	599,527 38,383 21,991 136,652 64,341 36,383 47,660 21,917 63,350 31,421 47,093 71,886 18,500	618,019 39,464 23,383 139,068 66,672 37,905 48,350 23,027 65,718 32,670 48,777 74,206 18,781	627,512 39,831 23,024 142,347 67,915 38,323 48,855 22,626 67,152 33,087 49,688 75,584 19,079	641,288 40,637 23,341 146,119 69,789 38,916 49,677 23,024 68,500 33,723 50,605 77,547 19,409	650,583 41,069 23,804 148,398 71,264 39,272 49,811 23,364 69,863 34,143 51,436 78,921 19,237	664,888 42,258 24,945 152,011 72,892 39,714 50,528 24,019 70,772 34,700 52,404 81,075 19,572	674,153 42,676 24,481 155,388 74,032 40,366 50,530 23,814 72,189 35,129 53,303 82,412 19,835	680,721 42,970 24,463 157,453 75,625 40,318 50,677 23,616 78,058 35,649 53,626 83,436 19,830	692,118 43,748 24,940 159,885 77,290 40,913 50,318 24,568 74,662 36,261 54,827 84,998 19,707	706,085 44,891 25,886 162,740 79,309 41,195 50,925 25,116 75,579 36,963 55,898 87,325 20,258	713,124 44,771 25,876 165,304 80,168 41,505 50,540 25,217 76,938 37,466 56,546 88,637 20,156	720,310 45,036 25,979 167,396 81,416 41,887 50,471 25,118 77,782 38,215 57,555 89,396 20,060	1.0 0.6 0.4 1.3 1.6 0.9 -0.1 -0.4 1.1 2.0 1.8 0.9 -0.5	5.8 4.8 6.2 6.3 7.7 3.9 -0.4 6.4 6.5 7.2 7.3 7.1
Southwest Arizona New Mexico Oklahoma Texas	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
	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
	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
	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
	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 Colorado Idaho Montana Utah Wyoming	78,340 40,285 9,444 8,140 14,306 6,165	80,181 41,082 9,771 8,397 14,762 6,169	81,516 41,957 9,845 8,487 15,017 6,209	84,429 43,211 10,469 8,927 15,505 6,317	84,978 43,934 10,254 8,663 15,837 6,291	86,299 44,683 10,363 8,746 16,118 6,388	87,958 45,602 10,550 8,882 16,464 6,459	89,758 46,280 10,912 9,394 16,671 6,501	90,616 47,021 11,043 9,089 16,974 6,539	91,846 47,782 11,108 8,981 17,216 6,759	92,133 47,985 11,092 8,963 17,321 6,772	93,773 48,649 11,449 9,285 17,523 6,866	94,077 49,163 11,211 8,936 17,812 6,955	95,564 50,038 11,426 9,405 17,879 6,815	94,977 49,923 11,468 8,969 17,943 6,675	$ \begin{array}{c c} -0.6 \\ -0.2 \\ 0.4 \\ -4.6 \\ 0.4 \\ -2.1 \end{array} $	3.1 4.0 3.4 0.1 3.6 -1.4
Far West California Nevada Oregon Washington	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
	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
	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	14,879	14,643	1.8	7.4
	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
	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
AlaskaHawaii	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
	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
								Ce	ensus Regi	ons							
New England Middle Atlantic East North Central West North Central South Atlantic East South Central West South Central West South Central Mountain Pacific	162,671 479,704 479,026 194,361 429,749 136,162 288,010 133,948 443,387	166,552 488,780 488,244 200,150 441,442 138,108 291,493 137,542 454,863	169,600 497,755 492,116 198,229 449,592 137,894 293,387 140,269 462,314	175,547 510,966 507,518 207,482 464,526 143,726 303,697 145,053 478,874	179,757 521,782 527,783 219,391 477,773 149,172 310,337 147,366 491,528	184,143 533,206 533,445 216,210 487,612 150,468 314,411 149,728 497,981	188,847 543,752 542,256 220,541 499,519 153,181 320,812 153,147 508,584	192,861 553,381 550,268 226,024 507,771 155,141 324,593 156,179 516,658	196,717 562,695 558,149 229,859 519,035 158,394 332,751 159,142 531,070	199,824 570,971 565,448 234,939 528,277 160,158 335,100 161,379 538,759	202,207 577,261 567,772 231,896 535,301 160,531 337,504 162,704 544,685	207,171 588,470 576,790 236,206 544,941 164,056 339,911 165,797 556,309	210,495 598,111 584,238 236,944 555,388 167,101 344,347 167,686 565,725	605,570 592,807 246,445 563,356 168,039 343,774 170,134	216,677 612,058 593,485 240,526 569,823 169,596 343,627 170,813 580,483	1.1 1.1 0.1 -2.4 1.1 0.9 0.0 0.4 0.9	7.2 6.0 4.5 3.7 6.4 5.6 1.8 5.0 6.6

r Revised.

#### VOTES:

 $<sup>^</sup>p$  Preliminary.

<sup>1.</sup> 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.

<sup>—</sup>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.

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

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Unless otherwise stated in footnotes	Ann	ual	198	35						19	86		· · · · ·			
below, data through 1984 and units methodological notes are as shown in Business Statistics: 1984	1984	1985	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
			GE	NERA	L BUSI	NESS I	NDICA	TORS								
PERSONAL INCOME BY SOURCE †																
Seasonally adjusted, at annual rates: Total personal incomebil. \$	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,	, ,	,					·			-			. 1		10.00	
totaldo Commodity-producing industries,	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	72,102.3	2,112.2	2,118.9
totaldo Manufacturingdo	577.8 439.1	607.7 460.1	616.7 466.5	622.6 471.4	624.2 471.0	621.7 470.0	620.2 470.5	621.6 468.9	621.6 469.7	619.1 467.8	619.3 468.1	623.3 471.1	622.7 470.7	7629.7 7477.3	7626.8 7473.7	629.7 476.3
Distributive industriesdo Service industriesdo	442.2 470.6	469.8 516.4	478.7 532.9	481.8 541.7	482.3 543.8	486.0 549.9	487.3 555.3	484.8 557.7	483.9 560.3	484.1 565.8	486.9 569.6	488.2 573.4	489.9 574.9	7491.5 7578.7	7496.4 7584.5	494.7 588.1
Govt. and govt. enterprises do Other labor income do	346.2 184.5	372.2 196.9	382.3 201.7	384.9 202.6	385.4 203.6	387.3 204.5	389.0 205.5	390.8 206.4	392.5 207.3	394.3 208.2	396.2 209.5	398.5 210.4	400.4 211.3	7402.4 212.1	7404.5 213.0	406.4 213.8
Proprietors' income: ‡	31.5	29.2	26.0	- 1		26.9						1	. 5		1.5	
Farmdo Nonfarmdo	205.3	225.2	232.4	38.2 234.9	23.4 237.9	241.0	22.8 243.8	53.0 247.5	38.1 249.1	27.5 252.2	18.3 255.4	19.1 257.5	21.3 261.0	718.2 7260.4	714.3 7262.1	34.0 262.1
Rental income of persons with capital consumption adjustmentbil. \$	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	717.0	17.8
Dividendsdodo	74.7 446.9	76.4 476.2	76.8 481.0	76.9 482.2	78.0 481.4	79.2 480.7	80.0 480.4	80.8 480.5	81.1 480.1	81.5 479.8	81.7 477.2	82.1 473.7	82.3 470.4	82.4 7468.4	82.7 7466.6	82.9 465.2
Transfer paymentsdodo	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	7520.5	7521.4	523.1
social insurance do Total nonfarm income do	133.5 3,052.2	150.2 3,261.0	152.7 3,323.2	154.0 3,356.9	158.0 3,371.1	158.7 3,385.6	159.1 3,399.5	159.2 3,411.0	159.9 3,420.5	159.3 3,431.7	160.2 3,449.6	160.9 3,455.9	161.1 3,463.7	162.0 r3,477.6	162.6 73,489.4	162.9 3,498.0
DISPOSITION OF PERSONAL INCOME †	0,552.2	0,201.0	0,020.2	0,000.0	0,011.1	0,000.0	0,000.0	0,411.0	0,420.0	0,404.1	0,440.0	0,400.0	0,400.1	0,411.0	0,400.4	0,200.0
Seasonally adjusted, at annual rates: Total personal incomebil. \$ Less: Personal tax and nontax	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	73,526.6	3,554.8
paymentsdo Equals: Disposable personal incomedo	439.6 2,670.6	486.5 2,828.0	500.1 2,872.2	504.6 2,913.4	496.8 2,920.7	498.5 2,936.8	497.3 2,947.8	500.5 2,986.3	503.9 2,977.4	509.9 2,972.0	513.9 2,976.9	519.4 2,978.5	523.6 2,984.2	528.1 2,990.8	7533.0 72,993.6	535.7 3,019.1
Less: Personal outlaysdo Personal consumption expendituresdo	2,501.9 2,428.2	2,684.7 2,600.5	2,743.1 2,654.6	2,794.4 2,705.0	2,775.7 2,684.8	2,794.7 2,703.1	2,798.0 2,705.9	2,803.0 2,710.5	2,825.2 2,731.7	2,848.3 2,753.8	2,861.9 2,766.7	2,884.4 2,788.6	2,941.1 2,844.0	2,888.0 2,789.4	72,905.4 72,806.5	2,963.3 2,863.8
Durable goods do Nondurable goods do	331.2 870.1	359.3 905.1	357.4 920.7	370.6 928.4	364.9 925.4	365.5 927.6	352.0 936.1	368.5 922.1	379.0 926.6	374.2 936.4	385.5 932.3	402.8 934.9	455.2 931.2	7391.3 7934.3	7386.9 7939.4	434.4 946.4
Servicesdo Interest paid by consumers to	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	71,463.8	71,480.3	1,483.0
businessdo Personal transfer payments to	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
foreigners (net)do Equals: personal savingdo	1.5 168.7	1.6 143.3	1.6 129.2	1.6 119.0	1.7	1.7	1.7	1.2	1.2	1.2	1.2	1.2	1.2 43.1	71.5	71.5 788.2	1.5 55.7
Personal saving as percentage of disposable	6.3	4.5			145.0	142.0	149.8	183.3	152.3	123.7	115.0	94.1		r102.8		
personal income §percent Disposable personal income in constant (1982)		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	***************************************
dollarsbil. \$ Personal consumption expenditures in	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	•••••
constant (1982) dollarsdo Durable goodsdo	2,246.3 318.9	2,324.5 343.9	2,338.9 343.0	2,377.1 355.2	2,351.5 348.7	2,377.5 349.2	2,389.0 338.4	2,396.1 353.0	2,410.3 361.7	2,418.9 356.6	2,427.9 366.3	2,440.0 381.0	2,476.2 427.4	72,423.8 7371.1	2,432.7 366.1	
Nondurable goodsdo	828.6 1,098.7	841.6 1,139.0	844.9 1,150.9	847.9 1,174.0	843.7 1,159.2	859.5 1,168.8	878.8 1,171.8	873.8 1,169.3	875.9 1,172.7	882.2 1,180.1	878.5 1,183.1	878.5 1,180.5	869.4 1,179.3	7872.2 71,180.5	875.5 1,191.1	
Services	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 ♦											77.73					
Federal Reserve Board Index of Quantity Output  Not Seasonally Adjusted						ł	İ		1			-		100		ł
Total index	121.4	123.8	124.3	121.6	122.9	124.9	123.1	123.8	123.2	126.9	123.3	127.6	<sup>7</sup> 129.1	128.1	P125.5	122.4
By industry groupings: Mining and utilitiesdo	110.9	110.0	107.6	111.8	113.1	110.8	104.5	101.1	98.5	102.1	102.1	103.8	<sup>7</sup> 101.9	r99.4	₽100.7	102.7
Manufacturing do Nondurable manufactures do Ma	123.4 122.3	126.4 $125.1$	127.4 126.7	123.4 121.9	124.7 122.8	127.5 126.4	126.6 125.4	128.1 127.9	127.9 128.8	131.6 134.7	127.3 131.5	132.3 137.7	7134.0 7138.1	7133.5 7137.0	P130.2	*126.3 *127.6
Durable manufacturesdo	124.2	127.3	127.9	124.5	126.1	128.3	127.5	128.2	127.2	129.3	124.3	128.3	131.2	131.1	P128.5	125.4
Seasonally Adjusted Total indexdo	121.4	123.8	124.8	125.6	126,2	125.3	123.6	124.7	124.2	124.2	124.9	125.1	<sup>7</sup> 124.9	125.3	₽126.0	¢126.6
By market groupings: Products, totaldo	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			*135.3
Final products	127.3 118.0	131.1 120.2	133.1 122.7	133.0 133.2 123.3	133.9 123.8	132.9 132.8 123.3	131.2 130.6 121.8	132.7 132.1 124.5	132.4 131.6 124.3	132.4 131.1 124.4	133.2 132.0 125.2	133.8 132.6 125.1	7133.3 7132.2 7124.2	7134.0 132.7 7124.9	P134.5 P133.4 P125.8	135.3 134.2 126.9
See footnotes at end of tables:	. '	•			'	,	•	'	,	,	1	,	'		,	

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See page S-36 for details.

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Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984	Ann 1984	ual 1985	198 Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	6 July	Aug.	Sept.	Oct.	Nov.	Dec
	1	G	ENERA	L BUS	INESS I	INDICA	TORS-	–Conti	nued					L		
INDUSTRIAL PRODUCTION &—Continued																
Seasonally Adjusted—Continued		}		l		į	l	1	1				,	İ		
y 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	°116.6	P117.4	-11
Automotive productsdo	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	'112.7	p113.2	e1:
Autos and trucks, consumerdo Autos, consumerdo	103.0 93.2	112.0 98.9	114.1 95.6	110.4 94.6	118.2 105.5	119.4 107.1	106.3 93.7	115.1 100.8	110.3 94.8	112.2 99.3	114.5 95.3	110.4 87.8	116.8 96.2	107.7 91.9	<sup>p</sup> 107.6 <sup>p</sup> 92.3	e1
Trucks, consumerdo	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 goodsdo	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	°1
Nondurable consumer goodsdo Consumer staplesdo	120.1 124.9	122.9 129.0	125.3 131.3	126.3 132.5	126.6 132.8	125.8 132.3	125.3 131.6	127.7 134.3	128.1 135.0	128.1 135.1	128.4 135.3	128.6 135.5	7126.7 7133.6	127.9 7134.6	P128.9	1
Consumer foods and tobaccodo	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	<sup>7</sup> 131.4	<sup>p</sup> 132.5	
Nonfood staplesdo	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	e1
Equipmentdo Business and defense	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	<sup>7</sup> 143.1	P143.5	. 41
equipmentdo	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	148.2	p148.4	ر1
Business equipmentdo Construction, mining,	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	<sup>7</sup> 139.2	»139.2	1°1
and farmdo	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	758.0	₽56.7	
Manufacturingdo Powerdo	108.2 78.9	110.7 83.5	110.5 84.1	111.6 85.4	113.0 82.9	112.9 82.3	112.4 82.0	111.9 83.0	111.9 82.9	111.7 83.5	112.6 81.7	113.3 81.7	113.0 80.3	7112.4 80.4	₽111.1 ₽79.8	f]
Commercialdo	209.1	217.9	218.6	85.4 217.0	217.8	216.8	214.3	213.4	212.9	208.2	214.5	217.5	215.1	7215.8	P217.7	eg
Transitdo  Defense and space equipmentdo	97.9 156.4	105.4 170.6	109.7 177.2	105.5 178.5	112.7 178.7	111.7 176.3	104.3 176.2	112.1 178.0	107.3 178.0	108.8 178.4	103.9 179.5	106.9 181.0	7113.3 182.0	'111.8 183.6	P111.0 P184.5	e]
Intermediate productsdo	124.7	130.0	131.8	132.0	134.2	133.4	133.3	134.5	135.1	137.0	137.3	137.8	7137.0	r138.4	p138.5	• 1
Construction suppliesdo Business suppliesdo	114.0 133.8	118.3 140.0	120.5 141.5	119.8 142.4	124.0 142.9	122.6 142.6	122.6 142.5	123.6 143.8	123.5 145.0	124.1 147.9	124.0 148.6	125.4 148.4	7125.9 7146.4	7126.0 7148.9	P126.3 P149.0	
Materialsdo	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	<sup>7</sup> 113.4	P114.5	•
Durable goods materialsdo Nondurable goods materialsdo	121.5 111.4	121.4 112.2	121.2 113.3	121.9 114.9	122.2 116.2	121.3 116.1	119.3 114.8	120.2 116.5	118.4 116.5	117.8 117.7	118.8 118.9	118.8 119.7	7118.9 120.6	7119.0 120.4	<sup>p</sup> 120.6 <sup>p</sup> 120.3	
Energy materialsdo	103.9	103.4	101.8	104.5	103.0	102.1	101.4	100.4	100.5	100.8	99.9	97.9	798.0	797.4	P98.7	
/ industry groupings: Mining and utilitiesdo	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	
Miningdo	111.1	108.8	106.9	107.4	108.1	105.1	103.0	101.0	99.8	98.9	97.1	96.4	796.2	795.9	p96.6	
Metal miningdododo	77.0 128.1	75.0 126.8	78.3 125.8	77.3 128.4	73.5 130.8	77.2 126.5	75.9 124.7	76.0 124.4	72.0 124.0	65.9 127.3	69.2 120.2	70.9 122.2	70.7 120.8	<sup>7</sup> 117.6	₽130.6	
Oil and gas extraction # do	109.1 106.1	106.2 108.1	103.6 107.9	104.2	104.9 108.9	101.1 107.6	99.2 108.2	96.2 106.8	95.1 107.5	93.3 106.4	92.4 106.6	90.7 104.1	791.0 7105.1	791.2 7105.3	*89.3 *103.2	
Crude oildo Natural gasdo	89.9	85.7	84.5	108.6 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 mineralsdo	117.4	118.3 111.9	118.0	114.6	113.5	116.8 109.7	111.6 109.3	115.0 109.4	112.4 108.5	114.5 108.6	111.8 109.7	114.8 108.3	7111.7 7108.3	"114.4 "109.5	°113.0 °110.9	e
Utilities do Electric do	110.7 116.8	111.9	111.9 120.1	114.8 122.4	112.5 119.7	119.5	119.8	121.6	121.7	123.1	125.4	122.4	122.8	r123.9	p125.4	
Manufacturingdo	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	'129.9 '132.3	P130.5 P133.1	e
Nondurable manufacturesdo Foodsdo	122.3 126.9	125.1 130.2	127.2 131.5	127.5 132.1	129.3 132.0	128.7 132.9	127.7 132.2	129.6 133.1	129.9 133.7	131.2 134.6	131.7 134.3	132.2 135.1	7131.4 7134.3	r133.5	p134.5	
Tobacco productsdo	100.4	100.2	102.8	100.3	93.8	97.0	93.6	100.3	101.6	97.6	97.9	97.1	789.8	100.0		
Textile mill productsdo Apparel productsdo	. 104.2 102.7	103.2 100.9	110.0 103.8	107.7 104.5	107.9 105.5	109.9 102.8	108.0 102.8	111.4 103.1	111.3 102.6	112.6 101.7	113.4 102.5	114.7 102.5	116.0 102.7	7116.4 7104.1	P118.6 P105.7	
Paper and productsdo	127.2	127.6	128.9	131.3	133.6	132.6	132.4	134.1	133.2	137.2	138.1	138.6		r137.7	p140.3	
Printing and publishingdo Chemicals and productsdo	146.5 121.6	153.9 127.1	156.8 128.2	157.6 128.1	160.9 131.7	156.7 132.0	157.8 130.2	161.6 132.8	161.9 131.5	164.0 134.2	165.4 134.1	164.6 134.4		7168.0 7134.2	P167.8	i
Petroleum productsdo	. 87.4	86.8	87.6	88.9	94.7	90.1	88.6	91.3	95.7	91.8	90.6 155.5	94.0		791.0 7157.1	P90.4	
Rubber and plastics productsdo Leather and productsdo	. 143.5 76.5	146.9 68.5	150.1 68.7	149.4 66.4	150.2 65.4	151.1 64.8	147.8 62.7	146.8 61.5	150.1 59.5	152.2 57.9	61.9	155.5 62.0		r59.2	<sup>p</sup> 61.5	
Durable manufacturesdo	. 124.2	127.3	128.2	128.7	129.5	128.7	126.8	128.1	127.0	126.2	127.4	127.5	7128.1 7125.0	7128.2 124.8	₽128.7	1
Lumber and productsdo Furniture and fixturesdo	. 109.1	113.4 139.7	115.0 142.2	116.1 140.5	120.5 141.2	120.3 143.2	120.7 142.9	121.3 145.9	121.6 146.2	120.9 147.1	120.8 149.5	122.5 148.3		7149.3	P147.9	
Clay, glass, and stone productsdo	. 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	7118.2 774.2	p118.1	
Primary metalsdododo	. 82.3 . 73.4	80.5 70.4	82.9 73.9	81.7 71.6	82.4 72.2	80.3 69.5	76.3 64.3	78.1 65.6	74.8 60.2	71.4 58.3	73.6 61.7	73.4 60.8	761.1	62.2	P64.6	ļ
Nonferrous metalsdo Fabricated metal products do	. 99.3 . 102.6	99.7 107.3	100.0 107.6	100.8 108.2	101.8 109.2	100.8 108.5	98.8 107.6	101.6 108.2	102.3 106.5	96.3 106.6	95.9 105.7	97.3 105.9		796.8 7108.0	P100.0	
Nonelectrical machinerydo	. 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	
Electrical machinerydo  Transportation equipmentdo	. 170.5 . 112.2	168.4 121.4	166.9 124.8	168.7 124.0	166.1 128.2	164.8 127.5	165.2 122.6	166.8 126.2	166.0 124.1	163.2 125.1	166.8 125.6	167.2 125.1		r167.8 r125.2	P167.9	
Motor vehicles and partsdo	. 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	7107.1 7140.2	P107.8	٠ ا
Instrumentsdo BUSINESS SALES	. 136.7	139.1	139.9	140.4	141.5	141.9	142.0	142.4	140.3	139.9	141.7	142.0	141.1	140.2	141.0	Î
ffg. and trade sales (unadj.), totalmil. \$	. 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	
fg. and trade sales (seas. adj.),	14 940 700	<sup>1</sup> 5,104,187	7491 010	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, totaldododo		2.341.220	7431,012 200,131	199,084	198,716		420,230 191,051	196,132	193,068	193,642	193,294				198,232	:
Durable goods industriesdo  Nondurable goods industriesdo	. 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	r107,443	107,185	i
Retail trade, total ‡dodo		1,097,427 1,373,941	93,124	93,307 7116,743	93,085 117,349		88,358 116,684	89,540 117,715	89,396 118,675	89,089 118,960	88,314 119,804	89,151 121,523				
Durable goods storesdo	465,798	514,207	r42,560	r43,639	44,187 73,162	43,949	43,279	44,874	45,554	45,596	46,312	47,912	54,617	47,679	46,706	i
Nondurable goods storesdo  Merchant wholesalers, total †do	827,264	859,734 1,373,926	72,794 7115,527	73,104 116,852	73,162 115,648		73,405 112,495	72,841 114,608	73,121 109,870	73,364 112,873	73,492 114,375	73,611 114,482				
Durable goods establishmentsdo	. 609,210	626,749	53,299	53,948	53,428	52,994	52,674	55,317	53,415	54,491	55,012	53,951	56,638	756,870	56,797	'
Nondurable goods establishmentsdo Afg. and trade sales in constant (1982)	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	·
dollars (seas. adj.), total §bil. \$			414.8	416.1	415.6		415.0	424.3	417.4	420.0	423.0	426.5	438.5		429.9	) <u>.</u>
Manufacturing do Retail trade do dodo			190.7 110.5	188.6	189.2 111.8	189.0	185.9		189.4 116.0	188.9 116.3	190.0 116.0			7191.2 7115.9	193.8	3
						114.2	115.0	116.8		114.9	117.0				120.4	

See footnotes at end of tables

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Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in	Ann		19	_						199	,					· -
Business Statistics: 1984	1984	1985	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Мау	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
		G	ENERA	L BUS	INESS	INDIC	ATORS	—Conti	nued						_	
BUSINESS INVENTORIES							.									
Mfg. and trade inventories, book value, end of period (unadj.), totalmil. \$	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	600 501	<b></b>
Mfg. and trade inventories, book value, end of													-		,	
period (seas. adj.), totalmil. \$ Manufacturing, totaldo	573,434 285,709	584,005 281,884	7582,707 281,993	*583,148 281,884	584,968 280,357	585,176 279,236	588,178 279,571	588,599 279,358	586,727 278,352	588,908 278,410	591,895 278,613	590,141 277,473	588,069 276,574	7591,556 7276,007	590,606 276,588	
Durable goods industriesdo	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 industriesdo Retail trade, total ‡do	94,600 157,845	92,720 165,324	91,709 165,787	92,720 165,324	91,839 167,987	91,592 169,379	91,238 171,551	91,327 172,158	90,715 170,869	91,262 171,705	91,755 173,529	91,428 172,926	90,472 171,617	r90,649 r176,338	90,846 175,181	
Durable goods storesdo Nondurable goods storesdo	77,142 80,703	82,875 82,449	783,238 782,549	82,875 82,449	84,755 83,232	85,863 83,516	88,132 83,419	88,263 83,895	87,198 83,671	88,281 83,424	90,271 83,258	89,380 83,546	86,578 85,039	790,134 786,204	89,432 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	7139,211 791,133	138,837	
Durable goods establishmentsdo Nondurable goods establishmentsdo	86,283 45,261	87,246 48,694	787,193 747,734	87,246 48,694	87,815 48,809	88,230 48,331	88,521 48,535	89,267 47,816	89,845 47,661	90,000 48,793	90,816 48,937	90,811 48,931	91,037 48,841	<sup>7</sup> 48,078		,
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 Retail trade do			325.7 165.5	325.2 165.0	323.8 167.9	323.0 169.3	323.9 172.1	324.7 173.1	324.1 171.3	324.1 171.0	324.9 171.0	323.3 170.3	322.5 167.8	7321.7 7170.9	322.2 170.0	
Merchant wholesalersdo		••••••	147.4	148.3	148.8	149.3	150.0	150.1	149.8	151.1	152.5	153.4	153.2	7152.1		
BUSINESS INVENTORY-SALES RATIOS  Manufacturing and trade, total	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, totaldodo	1.45	1.46	1.41	1.42	1.41	1.42	1.46	1.42	1.44	1.44 1.79	1.44	1.44	1.41 1.76	1.41	1.40	
Durable goods industriesdo Materials and suppliesdo	1.85 .55	1.85	1.78 .50	1.79 .51	1.78	1.78 .49	1.83	1.76 .49	1.81	.49	1.78 .49	1.79	.48	1.73	1.73 .47	
Work in processdo Finished goodsdo	.85 .45	.87 .45	.85 .43	.85 .43	.86 .43	.85 .43	.89 .44	.85 .43	.88 .44	.87 .43	.86 .43	.87 .43	.86 .42	7.84 .41	.84 .42	
Nondurable goods industriesdo Materials and suppliesdo	1.03 .41	1.02 .39	.98 38	.99 .38	.99 .38	1.01 .39	1.03 .40	1.02	1.01 .39	1.02 .40	1.04 .40	1.03 .40	1.00 .39	1.02 .40	1.00 .39	
Work in process do Finished goods do	.16 .46	.16 .47	.38 .16 .45	.16	.15 .45	.16	.16	.39 .15 .47	.15 .47	.16 .47	.16 .48	.15 .47	.15 .46	.16 7.46	.15	
Retail trade, total ‡do	1.39	1.40	<sup>7</sup> 1.44	71.42	1.43	1.45	1.47	1.46	1.44	1.44	1.45	1.42	1.34	1.45	1.45	ļ
Durable goods storesdo Nondurable goods storesdo	1.85 1.13	1.85 1.13	'1.96 1.13	71.90 1.13	1.92 1.14	1.95 1.14	2.04 1.14	1.97 1.15	1.91 1.14	1.94 1.14	1.95 1.13	1.87 1.13	1.59 1.15	71.89 1.17	1.91 1.16	
Merchant wholesalers, total † do Durable goods establishments do	1.12 1.62	1.17 1.67	71.17 71.64	1.16 1.62	1.18 1.64	1.20 1.66	1.22 1.68	1.20 1.61	1.25 1.68	1.23 1.65	1.22 1.65	1.22 1.68	1.19 1.61	71.18 1.60	1.18 1.61	
Nondurable goods establishmentsdo	.72	.75	7.77	.77	.78	.80	.81	.81	.84	.84	.82	.81	.80	7.79	.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 Retail trade do			1.71 1.50	1.72 1.47	1.71 1.50	1.71 1.50	1.74 1.51	1.69 1.51	1.71 1.48	1.72 1.47	1.71 1.48	1.70 1.44	1.69 1.35	'1.68 1.47	1.66 1.47	
Merchant wholesalersdo MANUFACTURERS' SALES, INVENTORIES.			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	
AND ORDERS	0.054.000		107 110	100.010	100 100	*00.010	200 540	205 440	107 500	202.000	150 010	100 505	005 000	*001.000	105 400	
Shipments (not seas. adj.), total mil. \$  Durable goods industries, total do	2,274,932 1,182,019	2,341,220 1,243,793	197,448 105,135	192,213 101,517	182,163 94,879	196,648 105,708	200,540 109,751	197,446 108,655	195,769 106,469	206,929 114,059	178,616 95,007	190,795 100,573	207,008 111,768	<sup>r</sup> 201,296 <sup>r</sup> 110,545	195,402 105,256	
Stone, clay, and glass productsdo Primary metalsdo	54,993 131,152	57,255 125,777	4,682 9,940	4,162 9,187	4,409 9,815	4,563 10,509	4,841 10,691	5,171 10,621	5,108 10,262	5,363 10,171	4,824 8,778	5,066 9,183	5,396 9,734	75,277 79,772	4,872 9,058	
Blast furnaces, steel mills do Fabricated metal products do do do do do do do do do do do do do	53,836 139,213	52,519 168,953	4,081 14,513	3,945 13,182	4,153 12,777	4,369 14,116	4,299 14,362	4,342 14,754	4,180 14,552	4,216 15,353	3,781 13,114	3,543 14,160	3,756 15,046	73,828 715,037	3,461 13,754	
Machinery, except electrical do Electrical machinery do do do do do do do do do do do do do	210,168 182,534	212,620 185,514	17,854	18,904 16,237	14,831	17,064 15,887	18,846 17,024	17,666	16,903 15,504	19,353 17,537	15,466 14,643	15,216 16,375	17,639 18,362	716,619 717,240	16,580	
Transportation equipment do	288,306	313,427	16,509 26,971	25,930	13,614 25,861	28,381	27,533	15,549 28,953	28,219	29,019	23,494	24.095	28,114	729,316 718,919		
Motor vehicles and partsdo Instruments and related productsdo	191,493 53,511	203,371 56,743	17,783 4,799	14,177 5,068	18,180 4,383	18,891 4,556	17,879 4,832	19,478 4,446	18,574 4,569	18,830 5,023	13,968 4,363	14,949 4,650	18,404 4,942	r4,959	4,885	
Nondurable goods industries, totaldo Food and kindred productsdo	1,092,913 295,050	1,097,427 296,142	92,313 25,038	90,696 24,559	87,284 23,672	90,940 25,008	90,789 25,646	88,791 24,635	89,300 25,708	92,870 26,698	83,609 24,971	90,222 26,268	95,240 28,307	790,751 727,172	90,146 26,581	
Tobacco products dododo	16,918 55,078	20,606 52,627	1,854 4,513	2,274 4,220	990 3,959	1,627 4,443	2,069 4,708	1,542 4,454	1,985 4,328	2,331 4,814	1,373 3,925	1,882 4,825	2,013 5,067	1,508 75,002	2,052 4,669	
Paper and allied productsdo	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 18,767	79,479 717,161	9,227 17,036	
Chemical and allied productsdo Petroleum and coal productsdo	211,833 200,588	214,345 194,030	16,600 16,981	17,498 16,960	17,496 15,578	18,403 13,721	18,565 12,320	19,016 12,029	17,912 12,573	18,508 11,643	16,195 10,731	17,593 11,023	11,006	r10,306	11,158	
Rubber and plastics productsdo Shipments (seas. adj.), totaldo	52,147	48,246	4,018 200,131	3,574 199,084	3,731 198,716	3,976 196,274	3,926 191,051	4,078 196,132	4,036 193,068	4,315 193,642	3,619 193,294	3,925 193,305	4,250 196,281	*4,257	3,991 198,232	
By industry group: Durable goods industries, total #do			107,007	105,777	105,631	105,545		106,592		104,553	104,980		106,027	r107,443		1
Stone, clay, and glass productsdo Primary metalsdo			4,771 10,513	4,773 10,263	5,209 10,119	4,901 10,159	4,784 9,833	5,108 10,122	4,942 9,852	4,873 9,484	4,876 9,646	4,760 9,358	4,941 9,644	74,978 79,770	4,968	
Blast furnaces, steel millsdo	ļ		4,319	4,326	4,246	4,173	3,926	4,123	4,066	3,886	4,146	3,638	3,833	73,890	3,662	
Fabricated metal products do Machinery, except electricaldo			14,878 18,161	14,232 17,622	14,466 16,764	14,300 16,939	13,733 17,377	14,553 17,932	14,145 16,784	14,199 17,535	14,044 17,111	13,910 16,433	14,266 16,597	r16,750	16,901	
Electrical machinerydo  Transportation equipmentdo			16,528 27,283	16,338 27,931	14,841 28,520 19,448	15,819	16,187 25,030	15,539 27,517	15,520 26,610 16,992	16,316	16,172 27,297	16,883 26,855	17,258 27,082	716,909 728,334	17,627 27,743	
Motor vehicles and parts do Instruments and related			18,120	17,428			16,112	18,080			16,884	16,970	17,777	r17,720		1
productsdo			4,789 93,124	4,908 93,307	4,842 93,085	4,696 90,729	4,591 88,358	4,613 89,540	4,648 89,396	4,680 89,089	4,755 88,314	4,727 89,151	4,568 90,254	74,823 788,759		
Food and kindred productsdo  Tobacco productsdodo			25,241	24,732	25,817	24,933	24,764	25,279	25,791 2,057	25,490 2,127	26,420 1,491	26,286 1,781	26,552 1,815		26,782	***************************************
Textile mill productsdo		·····	1,841 4,643	2,117 4,494 8,390	1,089 4,551	1,800 4,452	2,155 4,299	1,570 4,487	4.255	4,398	4.592	4,618	4,693	74,793	4.801	l
Paper and allied productsdo Chemicals and allied productsdo			8,194 17,604	17,994	8,687 18,403	8,637 18,185	8,462 17,068	8,917 18,363	8,853 17,273	9,125 17,346	9,317 17,635 10,677	9,299 18,060	9,515 17,949	79,397 717,903	18,067	
Petroleum and coal productsdo Rubber and plastics productsdo			16,961 4,131	16,728 4,020	15,729 4,049	13,955 4,005	12,798 3,921	12,344 4,016	12,629 4,044	11,278 4,002	10,677 3,759	10,880 3,804	10,718 3,984		11,146 4,103	
	)	1	1 1	, -	"	, ,	i '=!	,	,	· !	, -	i ' [	1 1	l	1	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	Ann	ual	198	5						198	6					
below, data through 1984 and units methodological notes are as shown in BUSINESS STATISTICS: 1984	1984	1985	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oet.	Nov.	Dec.
				I DIG	INTEGO:	INIDIO	MODE	04								
		G	ENERA	T ROS	INESS	INDICA	ATORS	-Conti	nued	1	· · · · · ·	Т	,			
MANUFACTURERS' SALES, INVENTORIES, AND ORDERS—Continued				l						1	İ					
Shipments (seas. adj.)—Continued									- 1		İ					
By market category:	1150040	1150 005	10.001	10.015	10.400	10 551	10.500	10.000	10.000	14055	10.454	10.001	14105	710 4C1	19 507	
Home goods and apparelmil. \$ Consumer staplesdo	<sup>1</sup> 156,346 <sup>1</sup> 403,584	<sup>1</sup> 158,665 <sup>1</sup> 416,515	13,661 35,385	13,315 35,666	13,463 36,173	13,551 35,870	13,528 35,765	13,362 35,920	13,208 36,956	14,057 37,350	13,454 37,193	13,631 37,280	14,107 38,088	713,461 737,419	13,597 38,125	
Equipment and defense products, except autodo	1338,881	1364,145	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 equipmentdo	<sup>1</sup> 215,445	<sup>1</sup> 226,166	20,034	19,291	21,459	20,287	17,822	19,899	18,744	18,274	18,748	18,831	19,696	719,861	19,323	
Construction materials, supplies, and intermediate productsdo	1179,172	<sup>1</sup> 206,611	17,357	16,640	18,170	17,679	17,969	18,765	18,286	18,216	17,901	17,685	18,346	<sup>7</sup> 18,623	18,366	
Other materials, supplies, and intermediate productsdo	<sup>1</sup> 981,500	1968,923	82,779	82,266	80,580	79,094	75,555	77,802	76,195	74,994	75,564	75,247	76,309	76,352	77,567	l .
Supplementary series: Household durablesdo	175,036	178,031	6,746	6,519	6,720	6,720	6,838	6,689	6.711	7,374	6,940	7,147	7,489	7,133	7 116	
Capital goods industriesdo	1386,980	1411,381	35,629	36,573	32,385	34,145	34,383	34,688	34,068	35,207	35,303	34,928	34,768	735,730	36,599	
Nondefense do Defense dodo	<sup>1</sup> 314,475 <sup>1</sup> 72,503	<sup>1</sup> 326,712 <sup>1</sup> 84,669	27,771 7,858	28,630 7,943	25,352 7,033	26,564 7,581	27,304 7,079	27,355 7,333	26,582 7,486	27,243 7,964	27,240 8,083	27,284 7,644	27,081 7,687	727,722 78,008	8,694	
Inventories, end of year or month: Book value (unadjusted), totaldo	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	<sup>7</sup> 275,619	275,368	
Durable goods industries, totaldo	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, totaldo  Book value (seasonally adjusted), totaldo	93,865 285,709	91,871 281,884	92,063 281,993	91,871 281,884	92,068 280,357	91,992 279,236	91,217 279,571	91,867 279,358	91,092 278,352	90,835 278,410	91,340 278,613	91,219 277,473	89,822 276,574	790,872 7276,007	91,120 276,588	
By industry group: Durable goods industries,		201,001	201,000	_02,002		2.0,200	2.0,0.1	2,0,000	2,0,002	210,120	210,020	211,110	2.0,0.1	210,111	1	
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 productsdo	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	75,480	5,572	<b></b>
Primary metalsdo Blast furnaces, steel millsdo	20,632 9,401	17,837 7,830	17,986 8,082	17,837 7,830	17,316 7,504	17,281 7,615	17,220 7,578	17,036 7,486	16,903 7,484	16,883 7,373	16,724 7,164	16,212 6,805	15,855 6,515	715,514 76,272	15,479	
Fabricated metal productsdo Machinery, except electricaldo	19,251 40,696	19,385 39,448	19,317 39,710	19,385 39,448	19,148 39,441	18,885 39,285	18,926 39,017	19,072 38,409	18,858	18,832 37,328	18,685 37,220	18,511 37,055	18,734 36,784	'18,533 '36,690	18,614 36,737	
Electrical machinerydo	32,783	33,496	33,524	33,496	33,617	33,452	33,544	33,830	38,108 34,004	34,243	34,570	34,596	34,529	734,361	34,204	
Transportation equipmentdo Motor vehicles and	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	750,702	50,927	l
partsdo Instruments and related	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	710,645	11,013	
productsdo	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	79,704	9,634	
By stage of fabrication:  Materials and suppliesdo	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	*50,561	50,530	
Work in processdo Finished goodsdo	88,105 46,535	89,912 45,725	91,020 46,265	89,912 45,725	90,477 45,724	90,125 45,598	91,236 45,409	90,825 45,342	90,714 45,536	90,918 44,671	90,518 45,002	90,673 44,494	90,898 44,152	790,507 744,290	90,030 45,182	
Nondurable goods industries,	1			·					·				, i			İ
total #do Food and kindred productsdo	94,600 21,500	92,720 23,533	91,709 23,427	92,720 23,533	91,839 23,203	91,592 23,386	91,238 23,439	91,327 23,401	90,715 23,179	91,262 23,188	91,755 23,489	91,428 23,541	90,472 23,584	790,649 723,533	90,846 23,537	
Tobacco productsdo Textile mill productsdo	3,558 7,017	3,270 6,744	3,245 6,651	3,270 6,744	3,266 6,477	3,316 6,554	3,267 6,609	3,223 6,622	3,202 6,535	3,057 6,617	3,086 6,531	2,982 6,337	2,974 6,397	3,034 6,310	3,053 6,224	
Paper and allied productsdo	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	79,962	10,016	
Chemicals and allied productsdo	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 productsdo	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 productsdo	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	1		
By stage of fabrication:	1 1	,			· .								· 1	r35,580	35,457	]
Materials and suppliesdo Work in processdo	36,635 14,811	35,503 14,568	35,051 14,680	35,503 14,568	35,500 14,150	35,462 14,198	35,110 13,921	35,078 13,790	34,889 13,697	35,289 13,938	35,685 13,788	35,684 13,504	35,367 13,737	13,905	13,954	
Finished goodsdo  By market category:	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	741,164	41,435	
Home goods and appareldo	23,046	22,060	21,876	22,060	21,973	21,936	22,197	22,504 34,292	22,219	22,366	22,411	22,421	22,228	r22,359	22,485	
Consumer staplesdo Equip. and defense prod.,		33,823	33,677	33,823	33,640	33,885	33,798		34,067	34,188	34,930	34,706	33,946		34,271	
exc. autodo Automotive equipmentdo	83,372 13,713	83,871 13,795	85,188 13,731	83,871 13,795	84,141 13,558	83,634 13,631	83,514 13,557	83,160 13,533	83,287 13,594	82,840 13,237	82,865 13,181	82,667 12,980	83,062 12,937		82,692 13,090	
Construction materials, supplies, and intermediate products	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	ľ	18,542	1
Other materials, supplies, and	1								1					ŀ		
intermediate productsdo Supplementary series:	ļ .	109,079	. (	109,079	108,092					107,128				r105,668	105,508	ľ
Household durablesdo Capital goods industriesdo	11,585 94,813	10,974 96,735	11,156 97,669	10,974 96,735	10,935 97,102	10,979 96,493	97.253	11,351 96,928	11,252 96,990	11,460 96,956	11,638 96,834	11,567 96,981	97,465	797,135	11,696 96,896	
Nondefensedo	72,296 22,517	70,465 26,270	71,071	70,465 26,270	70,340 26,762	70,239 26,254	70,173	69,363 27,565	69,236	68,839 28,117	68,685 28,149	68,515 28,466	68,429	67,914	67,831	
New orders, net (not seas. adj.),	1			i	l '		İ									
total	2,299,609 1,207,327	2,349,640 1,251,657	192,718 100,621	198,395 107,294	188,488 101,034	201,355 110,155		194,594 105,748	191,789 102,415	201,600 108,946	177,464 93,742	186,986 96,996		108,623	195,866 105,808	
Nondurable goods industries, totaldo	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	3
New orders, net (seas. adj.), total do By industry group:		12,349,640	1	201,213	201,133					191,795		192,836	1			
Durable goods industries, totaldo Primary metalsdo	11,207,327 129,346	11,251,657 126,373	103,796 10,560	107,531 10,059	108,194 10,596	107,545 10,614		103,747 9,625	102,624 8,831	102,730 9,323	106,220 9,060	103,845 10,245	108,723 9,842	r103,569 r9,713	109,278 9,501	
Blast furnaces, steel millsdo Nonferrous and other pri-	. 152,547	153,022	4,421	4,085	4,228	4,516		3,918	3,443	3,822	3,678	4,488	4,212	73,677	3,717	'
marv metalsdo	. <sup>1</sup> 61,342 1140,282	<sup>1</sup> 58,193	4,638	4,876	4,994	4,825	4,463	4,263	4,202	4,361	4,285	4,557	4,504	74,651	4,757	[
Fabricated metal productsdo  Machinery, except electricaldo	. 213,008	1210,691	17,983	14,146 16,195	14,326 15,603	14,274 18,277	13,141 16,081	14,653 16,800	16,441	13,998 16,888	13,993 17,233	13,702 16,603	16,523	715,231	17,092	<u></u>
Electrical machinerydo Transportation equipmentdo	1191,281 1301,530	320,028	24.199	16,297 31,031	15,346 31,002	15,704 28,458	28,496	26,497	27.933	17,913 23,531	16,953 28,359	15,952 26,704	17,672 28,964		16,872 30,272	2
Aircraft, missiles, and partsdo	. 193,227	1101,549	5,993	12,961	10,928	8,720	8,238	7,169	10,023	23,531 5,303	9,226	8,525	9,530	76,783	12,569	•
Nondurable goods industries, totaldo Industries with unfilled	1	1,097,988		93,682	92,939	91,014		89,404		89,065	88,340		90,676	1		3
orders ‡do Industries without unfilled	. 1244,241	1253,010	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	3
orders ◊do	. 1848,041	1844,973	71,979	71,589	70,991	68,951	66,654	67,503	67,582	66,151	65,724	66,601	66,902	65,614	67,83	5
By market category:  Home goods and appareldo	. 156,164	1158,436	13,468	13,151	13,942	13,549	13,534	13,249	12,963	13,944	13,273	13,755	14,332	13,624	13.70	5
Consumer staples	. 403,509	<sup>1</sup> 416.615	35,402	35,676	36,132	35,916	35,858	35,946	36,918	37,284	37,198	37,231	38,044	737,420	38.169	)l
Automotive equipmentdo	. <sup>1</sup> 361,887 . <sup>1</sup> 214,151	<sup>1</sup> 372,485 <sup>1</sup> 225,235	28,085 19,918		29,852 21,482	29,968		29,456 19,835	29,954 18,530	30,495 18,286		30,501 18,533	30,473 19,681	r26,930 r20,091	19,246	5 
Construction materials, supplies, and intermediate products	179,527		1		18,220		1	l		18,106		17,577			1	3
Other materials, supplies, and intermediate productsdo	1				1			İ	]	!		1		Į.		l
Supplementary series:	1 '	1 '	1 '		81,505		1			73,680	75,074	75,239	1		1	3
Household durablesdododododododo	. 413,931	423.05	6,665 32,598		7,139 34,638	35,837	36,987	6,641 32,679	6,471 34,575	7,289 33,674	6,762 37,544	7,235 34,657	37.060	31.913		2 5
Nondefensedododododododododo	. 1324,208	326.584	25,788	30,566	24,288	28,637	26,540	26,179	26,145	26,421	27,387	26,325	28,222	26,912	28,64	7
	03,128	- 50,47	.l 0,810	1,192	10,880	7,200	10,447	6,500	8,430	7,253	10,157	8,332	8,838	75,001	10,39	3
See footnotes at end of tables.																

January 1987			SUR	EYC	F CU.	KKEN	L BO	SINES	55							5-0
Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in Business Statistics: 1984	Anr 1984	uni 1985	196 Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Source Orange 1997		G	ENERA	L BUS	INESS	INDICA	ATORS	—Conti	nued			1				
MANUFACTURED CALEGIAN TO THE PROPERTY OF THE			· 1													
MANUFACTURERS' SALES, INVENTORIES, AND ORDERS—Continued						į										
Unfilled orders, end of period (unadjusted), totalmil. \$  Durable goods industries, totaldo	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	7360,001	360,465	
Nondurable goods industries with	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			
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	′11,085	10,997	
Unfilled orders, end of period (seasonally adjusted) totalmil. \$	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 metalsdo Blast furnaces, steel millsdo	19,100 8,660	19,747 9,191	19,951 9,432	19,747 9,191	20,224 9,173	20,679 9,516	20,608 9,700	20,111 9,495	19,090 8,872	18,929 8,808	18,343 8,340	19,230 9,190	19,428 9,569	719,371 79,356	19,293 9,411	
Nonferrous and other pri- mary metalsdo	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	75,955	6,015	
Fabricated metal productsdo Machinery, except electricaldo	21,651 61,328	20,414 59,407	20,500 60,834	20,414 59,407	20,274 58,246	20,248 59,584	19,656 58,288	19,756 57,156	19,635 56,813	19,434 56,166	19,383 56,288	19,175 56,458	18,960 56,384	r18,780 r54,865	19,004 55,056	
Electrical machinerydo	78,868	82,339	82,380	82,339	82 844	82,729 157,100	83,608 160,566	83,536 159,546	82,666	84,263 158,513	85,044	84.113	84,527 161,306	84,701	83,946	
Transportation equipment do Aircraft, missiles, and	147,596	154,122	151,022	154,122	156,604				160,869			159,424	-		161,616	
partsdo  Nondurable goods industries with	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	
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	<sup>7</sup> 11,272	11,373	
By market category: Home goods and appareldo	4,562	4,202 751	4,366	4,202 751	4,681 710	4,679	4,685	4,572	4,327	4,214 771	4,033	4,157	4,382	4,545	4,653	
Consumer staplesdo Equip. and defense prod., excl.	649	1	741			756	849	875	837		776	727	683	r684	728	
autodo Automotive equipmentdo	219,947 6,287	228,264 5,377	226,480 5,729	228,264 5,377	229,245 5,400	229,420 5,625	231,471 5,935	230,543 5,871	230,818 5,657	230,562 5,669	232,532 5,552	232,402 5,254	233,140 5,239	7229,584 75,469	230,945 5.392	
Construction materials, supplies, and intermediate productsdo	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		10.00	
Other materials, supplies, and intermediate products	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	1 1 1 1		
Supplementary series:	l '					-			·			1			1.0	
Household durablesdo Capital goods industriesdo	4,155 263,713	3,749 275,320	3,940 274,175	$3,749 \\ 275,320$	4,168 277,573	4,087 279,265	4,073 281,869	4,025 279,860	3,785 280,367	3,700 278,834	3,522 280,875	3,610 280,604	3,828 282,896	74,028 7279,079	4,204 281,525	
Nondefensedo Defensedo	133,938 129,775	133,823 141,497	131,887 142,288	133,823 141,497	132,759 144,814	134,832 144,433	134,068 147,801	132,892 146,968	132,455 147,912	131,633 147,201	131,600 149,275	130,641 149,963	131,782 151,114	r130,972 r148,107	131,714 149,811	
BUSINESS INCORPORATIONS @											, i					
New incorporations (50 States and Dist. Col.): Unadjustednumber	634,991	668,904	51,015	57,958	60,497	55,750 61,062	61,263	63,652	59,407	59,227 56,894	58,598	52,554				
Seasonally adjusteddo INDUSTRIAL AND COMMERCIAL			57,320	57,785	57,452	61,062	59,020	59,880	55,886	56,894	57,789	55,672				
FAILURES @																
Failures, totalnumber  Commercial servicedo	52,078 12,787	57,067 16,626	5,776 1,763	4,168 1,361	5,563 1,797	4,839 1,528	4,992 1,542		 							
Constructiondodo	6,936 5,759	6,956 5,647	701 585	491 413	654 513	606 434	555 495									
Retail tradedodo	13,787 4,882	13,418 4,815	1,331 473	923 366	1,336 428	$\frac{1,157}{372}$	1,143 432									
Liabilities (current), totalmil. \$	29,268.6	33,375.9	5,026.9	1,707.8	3,590.4	3,518.2	2,746.6							1 '		
Commercial servicedododo	4,058.1 1,651.4	7,091.8 2,028.3	1,781.8 290.8	267.9 249.7	1,395.3 202.6	568.0 130.8	135.0			• • • • • • • • • • • • • • • • • • • •						
Manufacturing and miningdo Retail tradedo	5,954.3 2,385.4	7,651.5 2,838.2	1,350.3 218.5	346.0 181.7	596.8 257.7	1,383.8 200.8	856.8 301.0			• • • • • • • • • • • • • • • • • • • •						
Wholesale tradedo Failure annual rate (seasonally adjusted)	3,567.8	2,897.8	503.9	199.2	109.2	239.3	184.4		••••••				·····			
No. per 10,000 concerns												ļ				
				CC	OMMOI	ITY P	RICES							1		
PRICES RECEIVED AND PAID BY																
FARMERS † Prices received, all farm products1910-14=100	650	586	578	583	567	557	557	551	560	554	569	573	558	554	r567	558
Crops #do	600	520	495	509	489	478	482	492	493	471	455	437	419	419	r442	430
Commercial vegetablesdodo	673 554	638 472	661 473	865 450	685 447	581 468	626 464 356	734 476	719 480	574 476	584 495	399	640 400	398	7720 7447	468
Feed grains and haydododo	459 394	385 365	345 368	358 370	365	357 360	372	358 370	371 331	347 276	307 251	274 248	243 250	240 253 673	r266	265
Fruit do	746 1,484	678 1,496	698 1,418	644 1,417	591 1,423	569 1,411	556 1,386	540 1,379	583 1,374	655 1,374	609 1,374	663 1,243	641 1,321	673 1,265	7702 1,273	629 1,278
Livestock and products #do	701	654 779	665	661 771	649	640 759	635 746	612	630	641	689	715 746	705		699 820	681
Dairy products do Meat animals do do	823 854	802 271	771 805 304	802	764 794	787	769	734 742	734 777	728 798	734 857	887	874	848	r848	832
Poultry and eggsdo	. 308	ļ		297	Į.	l	284	263	266	271	322		314		1	200
Production itemsdodo	. 897	873	862	860	866	862	(2)	844			840	<b></b>		828		
and wage rates (parity index)1910-14=100	1,130	1,121	1,116	1,116		1,119		1,108			1,109	1	<b></b>	1,103 50		ļ
Parity ratio §dodo	. 58	52	52	52	51	50	(2)	50			50	<b> </b>	<b></b>	. 50		
(U.S. Department of Labor Indexes)		1	1		1	,										1
Not Seasonally Adjusted ALL ITEMS, WAGE EARNERS AND														ļ .		
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.
ALL ITEMS, ALL URBAN CONSUMERS		ļ	1					}		ļ					100	
(CPI-U)	311.1	322.2		327.4		ļ	İ	j .	326.3	327.9	328.0	328.6		]	l	
All items less shelterdo All items less fooddo	. 295.1 . 311.3	303.9 323.3	328.5	307.9 328.9	329.5	328.5	326.6	303.6 325.7	304.7 326.7	306.5 328.6	306.1 328.0	328.1	330.0	330.2	330.4	330.6
All items less medical caredo	. 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.

below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984  CONSUMER PRICES—Continue (U.S. Department of Labor Indexes)—Commodities	1967 = 100 do 1982 = 100	280.7 286.6 270.8 266.5 267.0 363.0 302.9 292.6 336.5	286.7 293.2 277.2 272.5 381.5	289.2 296.4 282.0 271.5 275.7	Dec.  289.9 297.4 282.0	Jan. DITY P	Feb.	Mar. —Conti	Apr. nued	Мау	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
(U.S. Department of Labor Indexes)—Commodities	1967 = 100 do 1982 = 100	286.6 270.8 266.5 267.0 363.0 302.9 292.6	293.2 277.2 270.7 272.5 381.5	289.2 296.4 282.0 271.5	289.9 297.4	290.1	RICES-	Conti	nued							_	
(U.S. Department of Labor Indexes)—Commodities	1967 = 100 do 1982 = 100	286.6 270.8 266.5 267.0 363.0 302.9 292.6	293.2 277.2 270.7 272.5 381.5	296.4 282.0 271.5	297.4												
Not Seasonally Adjusted	1967 = 100 do do do do do do do do do do do do do 1982 = 100	286.6 270.8 266.5 267.0 363.0 302.9 292.6	293.2 277.2 270.7 272.5 381.5	296.4 282.0 271.5	297.4			}	1	ļ		Į.	- 1				
All items (CPI-U)—Continued Commodities	do	286.6 270.8 266.5 267.0 363.0 302.9 292.6	293.2 277.2 270.7 272.5 381.5	296.4 282.0 271.5	297.4		1		,	1			l l	1	1	1	
Nondurables	do	286.6 270.8 266.5 267.0 363.0 302.9 292.6	293.2 277.2 270.7 272.5 381.5	296.4 282.0 271.5	297.4			Ì	ĺ								
Nondurables less food	do	270.8 266.5 267.0 363.0 302.9 292.6	277.2 270.7 272.5 381.5	282.0 271.5		297.7	287.4 294.3	283.7 289.5	281.2 286.3	282.1 287.4	282.8 288.2	281.9 287.1	281.9 287.4	283.5 289.4	283.6 289.0	284.0 289.2	284.2 289.5
Commodities less food	dodododododododododododo1982=100	267.0 363.0 302.9 292.6	272.5 381.5	271.5	404.0	280.4	274.5	265.6	259.2	260.5	261.8	257.3	255.6	258.9	257.8	257.4	257.5
Services   Services	dodododododo 1982=100	363.0 302.9 292.6	381.5	275.7	271.4 275.7	271.4 274.7	270.5 270.9	269.7 265.2	269.2 261.2	269.6 262.1	269.9 263.0	269.6 260.2	269.0 259.0	269.3 261.1	270.5 260.9	271.8 261.2	271.7 261.2
Food at home  Housing Shelter #  Rent, residential Homeowners' cost	do do do 1982=100	292.6		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
Housing Shelter # Rent, residential Homeowners' cost. Dec. Fuel and utilities # J Fuel oil, coal, and bottled gas.	do do do 1982=100		309.8 296.8	311.0 296.6	313.2 299.3	315.6 302.5	315.3 301.5	315.4 301.2	316.1 301.5	317.0 302.1	317.1 301.6	320.1 305.5	322.7 308.9	323.2 309.0	323.7 309.5	324.6 309.9	325.2 310.2
Rent, residential	do 1982=100		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
Homeowners' costDec. Fuel and utilities #	1982 = 100	361.7 249.3	382.0 264.6	391.3 271.7	392.3 272.4	393.8 273.4	394.8 273.7	397.0 275.0	400.1 277.9	400.9 278.4	401.6 279.4	403.5 281.2	405.2 281.7	407.6 283.2	409.5 284.6	410.2 285.6	410.4 286.0
Fuel oil, coal, and bottled gas		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	121.3 379.1	121.5 371.1	121.6 371.0
gas	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			
Gas (piped) and electricity	do	641.8 445.2	619.5 452.7	641.6 440.5	657.3 439.9	650.3 442.6	591.2 444.5	549.9 442.3	518.3 439.2	496.8 444.6	486.6 466.0	459.4 462.3	447.3 464.5	453.5 461.1	451.9 441.4	452.0 426.7	460.6 425.3
Household furnishings and op-	_									- 1	i	ļ		i		251.2	252.4
Apparel and upkeep		242.5 200.2	247.2 206.0	248.9 211.2	248.8 209.0	248.8 205.0	249.0 204.1	249.8 206.3	249.6 207.3	249.9 206.4	250.2 204.5	250.5 203.2	250.5 207.0	251.5 212.1	251.6 213.2	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	304.8 295.9
Private New cars	do	306.6 208.5	314.2 215.2	317.0 218.4	317.8 219.4	317.3 219.9	312.2 220.4	302.1 220.3	295.3 221.2	297.8 223.0	300.8 224.2	296.5 224.7	292.8 224.7	293.7 224.5	294.1 227.1	295.8 230.7	232.2
Used cars Public	do	375.7 385.2	379.7 402.8	376.4 412.8	375.6 412.9	374.1 419.6	370.7 422.2	$\frac{367.2}{421.2}$	364.8 422.2	363.6 423.7	362.5 425.4	360.3 428.0	358.0 428.0		360.6 428.7	361.0 431.7	356.6 437.5
Medical care		379.5	403.1	413.0	414.7	418.2	422.3	425.8	428.0	429.7	432.0	434.8	437.5		442.3	444.6	446.8
Seasonally Adjusted †																	Ì
All items, percent change from previous month				.6	.4	.3	4	4	3	.2	.5	.0	.2	.3	.2	.3	.2
previous month	1967 = 100			289.0 274.8	290.2 275.5	291.1 276.0	287.6 271.9	283.7 266.0	280.7 261.0	281.4 261.3	282.2 262.4	281.6 260.1	281.9 259.1	283.3 260.5	283.3 260.0		284.7 260.9
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				299.4 208.4	301.8 208.3	302.6 207.7	299.5 206.6	299.4 206.3	300.0 206.9	301.2 206.5	301.1 205.8	304.9 206.2	308.5 207.7	309.7 209.4	311.0 209.9	312.6 210.3	312.7 210.3
Transportation			*************	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	319.1 218.6	314.0 219.5	$304.4 \\ 219.9$	296.2 221.2	297.0 223.0	299.5 224.4	295.4 225.2	292.3 225.8	293.6 226.3	294.0 228.0	295.3 230.0	295.8 231.3
New cars				217.7 389.0	218.4 390.3	391.9	393.7	395.6	397.8	398.2	400.7	401.7	402.9		404.8	406.0	407.1
PRODUCER PRICES §																	ĺ
(U.S. Department of Labor Index Not Seasonally Adjusted	es)						İ									:	ĺ
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													l				Í .
processing	do	330.8	306.1	304.7	304.3	301.0	289.0	281.1	273.7	279.4	276.9	277.7	<sup>r</sup> 276.3	275.5	276.7	278.4	274.8
Intermediate materials, sup- plies, 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	291.1 290.3	293.7 291.8	296.4 294.4	297.2 295.4	296.0 293.8	291.9 288.4	288.0 283.4	287.2 281.9	288.9 284.1	289.3 284.5	287.6 282.3	7288.1 7283.0	287.5 282.7	290.5 284.9	290.7 285.0	289.9 284.2
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 Total manufactures	do	323.3 302.9	317.2 304.3	317.6 305.4	318.8 306.0	316.8 304.8	308.4 301.1	300.7 297.3	296.0 296.1	297.9 296.7	297.7 296.9	294.5 295.2	7294.2 7295.5	295.6 296.2	294.2 297.0	294.6 297.2	
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 Farm products, processed foods and	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
_ feeds		262.4	250.5	251.0	252.6	251.5	248.3	247.3	246.2	250.8	249.8	254.2	r255.5	254.6 221.7	255.4	255.2 229.3	254.6 226.8
Farm products Foods and feeds, processed		255.8 265.0	230.5 260.4	230.4 261.2	232.2 262.8	227.4 263.3	221.8 261.4	220.2 260.7	218.6 259.9	227.0 262.3	222.6 263.2	228.6 266.8	r227.0 r269.6		225.4 268.2		
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		309.3		
Chemicals and allied products Fuels and related prod., and	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
power	do	656.8 218.7	633.6 221.6	634.7 222.2	639.6 222.4	620.3 222.7	567.0 223.0	512.1 223.2	482.4 223.6	483.8 224.1	484.7 224.2	444.3 224.1	7438.4 7224.2	455.3	440.1 224.4		435.9 225.0
Hides, skins, and leather products	do	286.3	286.1	290.0	292.4	293.7	294.1 297.1	293.6	295.0	296.5	297.9	297.4	r297.0	297.1	297.5	299.1	301.5
Lumber and wood products Machinery and equipment	do	307.4 293.1	303.6 298.9		298.1 300.4	298.9 301.1	297.1 301.6	301.2 302.0	308.6 302.7	308.1 302.9	306.0 303.1	306.8 303.9	r307.2	308.3 304.3	307.0 304.4		
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	
Nonmetallic mineral products Pulp, paper, and allied products	do	337.3 318.5	347.8 327.2	350.5 327.3	351.1 327.4	352.5 330.6	352.3 331.1	352.4 331.3	352.8 332.8	353.6 333.8	353.0 334.2	352.9 335.2	7351.8 7336.4		351.2 339.5	350.9 340.5	340.€
Rubber and plastics products Textile products and apparel	do	246.8 210.0	245.9	245.5	246.0	246.9	331.1 247.5 210.9	246.7	246.7 211.1	246.3 211.2	246.1 211.1	245.4 211.4	7246.2	2 246.3	245.2	244.4	
Transportation equip. #Dec. Motor vehicles and equip	1968=100	262.6	210.4 269.5	275.2	274.1	273.3	273.8	211.4 273.5	275.5	275.1	275.4 273.0	275.7	r274.7	270.3	282.6	282.7	281.7
Motor vehicles and equip Seasonally Adjusted †	.1967=100	261.5	267.3	273.2	271.9	270.3	270.8	270.2	272.9	272.6	273.0	273.3	7272.0	265.7	284.4	284.2	282.9
Finished goods, percent change from	previous																ļ
month		ļ		7	.6	7	-1.6	-1.0	5	.5	.1	6	7.8	7.5	.3	.2	9.
Crude materials for further proc-	1000 ***	1	.	0000		909.5	000.0	000.0	070 -	050	05* ^	9700	r070 5	077.5	0010	281.9	gaa c
essing Intermediate materials, supplies, etc	do	<u> </u>		308.0 318.6	319.9	318.4	286.6 313.8	280.2 310.1	307.1	276.4 306.2	275.0 306.1	304.2	304.2	305.8	304.9	305.4	305.9
Finished goods #	do			296.4 294.5	298.3	296.1 294.1	291.3 287.8	288.5 284.1	287.0 281.9	288.5	288.8 283.9	287.0	<sup>7288.0</sup>	289.3	290.3	290.9	290.9
Foods	do			. 273.7	276.5	274.9	270.3	270.7	271.1	274.7	274.6	279.6	284.0	) 283.1	285.7	285.4	284.4
Finished goods, exc. foods Durable	do			. 300.0 243.8			291.8 242.9	286.0 243.7		283.4 245.5	283.8 246.1	277.5 246.4	r277.2 r246.3	279.8 248.2	279.7 251.6	280.4 252.2	281.0 252.
Nondurable	do			. 342.3	346.0	341.3	328.7	317.9	310.1	312.1	312.3	301.1	r300.7	7  303.6	301.0	301.8	302.9
Capital equipment PURCHASING POWER OF THE DO				. 303.4	303.8	303.3	308.7	304.3	305.3	305.4	306.0	306.3	r306.5	, 301.7	009.2	010.1	010.
As measured by:						]		-									
Producer prices 1 Consumer prices	.967=\$1.00. do	343 .321	.340				.343	.347 .307	.348	.346 .306					.344	.344	.346

See footnotes at end of tables.

Unless otherwise stated in footnotes	Annu	al	19	85						198	36					
below, data through 1984 and methodological notes are as shown in Business Statistics: 1984	1984	1985	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
			CO	NSTRU	CTION	AND R	EAL E	STATE				_				·
CONSTRUCTION PUT IN PLACE  New construction (unadjusted), totalmil. \$.  Private, total #	271,975 155,147	855,572 292,792 158,817 115,974	31,004 25,564 13,702 10,259	28,219 23,709 12,031 8,909	25,207 21,004 10,643 8,389	24,608 20,628 10,456 8,040	26,943 22,560 12,273 9,368	28,750 23,603 12,840 10,177	31,988 25,960 15,049 11,336	34,665 27,943 16,737 12,303	r34,945 r27,805 r16,564 12,925	r36,282 r28,723 r17,838 13,119	r36,378 r28,615 r16,992 r13,008	735,186 728,180 716,499 712,813	32,455 26,476 15,368 12,115	
Nonresidential buildings, except farm and public utilities, total #	81,147 13,745 48,107 7,174	95,317 15,769 59,628 7,484	8,500 1,361 5,386 612	8,253 1,417 5,160 574	7,534 1,172 4,827 511	7,326 1,208 4,577 513	7,303 1,057 4,637	7,678 1,149 4,865	7,702 1,123 4,823 634	7,860 1,113 4,928 704	7,969 1,097 5,060	8,235 1,084 5,261 624	8,423 1,207 5,263 659	78,307 71,177 75,069	7,921 1,068 4,914	
Public, total #	55,234 17,883 1,636 1,828 2,839 16,341	62,780 20,172 1,511 1,968 3,283 19,998	5,441 1,689 127 122 300 1,731	4,510 1,593 124 130 295 1,151	4,203 1,533 113 131 284 904	3,980 1,544 107 142 331 807	4,384 1,618 95 142 306 981	5,148 1,804 133 151 310 1,409	6,028 1,867 119 159 303 1,991	6,722 2,024 107 122 313 2,380	77,140 72,232 7127 7149 7296 2,567	77,559 72,351 7140 125 7344 2,672	77,763 72,392 7139 7169 7421 2,584	77,007 72,230 7130 125 7308 72,350	5,978 2,116	
New construction (seasonally adjusted at annual rates), total			357.6 294.4 158.2 117.5	365.6 300.6 161.8 118.7	373.4 305.4 163.4 122.8	373.9 305.7 164.7 124.7	368.0 298.9 165.6 126.5	373.9 303.3 170.5 129.4	374.5 302.6 172.5 132.4	375.4 304.6 174.5 135.2	7380.7 7309.0 7178.8 7136.6	7382.6 7310.2 7178.8 7137.8	7382.6 7308.6 7178.5 7138.5	7379.7 7307.7 7178.6 7139.5	377.0 306.2 178.0	
Nonresidential buildings, except farm and public utilities, total #			97.7 16.1 61.2 7.1	100.7 16.5 63.9 7.0	101.2 15.8 65.2 7.5	100.5 16.4 63.5 7.5	94.6 13.4 60.7 7.4	94.8 14.6 59.8 7.9	91.9 13.7 57.4 7.6	91.5 13.0 57.4 7.8	792.6 12.9 58.1 7.5	794.4 712.5 60.1 77.2	798.8 713.2 758.0 7.4	792.1 712.9 756.4	91.6 12.7 56.1	
Public, total #			63.2 20.0 1.5 1.5 3.6	64.9 20.4 1.5 1.6 3.5	68.0 20.2 1.4 1.6 3.4	68.3 21.5 1.3 1.7 4.0	69.2 21.5 1.1 1.7 3.7	70.6 22.6 1.6 1.8 3.7	71.9 22.6 1.4 1.9 3.6	70.8 22.6 1.3 1.5 3.8	771.7 724.5 1.5 1.8 73.6	772.4 724.9 1.7 1.5 74.1	774.0 725.9 71.7 2.0 75.0	771.9 25.1 1.6 1.5 73.7	70.7 25.3 1.6 1.5 3.7	
Highways and streetsdodo CONSTRUCTION CONTRACTS Construction contracts in 50 States (F.W. Dodge Division, McGraw-Hill):		*************	19.9	21.0	22.1	22.3	22.7	23.2	23.2	22.0	<sup>r</sup> 21.6	<sup>r</sup> 21.6	720.6	*20.3	19.2	
Valuation, total mil \$. Index (mo. data seas. adj.) 1977=100 . Public ownership mil \$. Private ownership do By type of building:	<sup>1</sup> 150 49,068	227,650 1161 54,224 173,426	717,691 162 73,907 713,783	'16,276 162 '3,995 '12,281	13,681 154 2,974 10,706	14,572 174 4,212 10,361	17,733 163 4,243 13,490	22,438 186 5,384 17,054	21,589 171 5,236 16,352	21,649 169 5,655 15,994	21,835 171 5,906 15,929	20,489 168 5,165 15,325	19,852 158 4,908 14,943	21,076 170 5,211 15,865	17,367 171 3,753 13,614	17,163 175 4,418 12,745
Nonresidential         do           Residential         do           Non-building construction         do           New construction planning         do           (Engineering News-Record) §         do	74,259 101,389 35,833 193,603	80,750 106,771 40,129 206,622	76,514 78,295 72,882 25,088	r5,765 r7,542 r2,969 19,975	4,998 6,623 2,060 18,812	4,726 6,602 3,244 16,793	5,589 9,069 3,076 17,478	6,634 11,791 4,012 12,929	6,482 11,252 3,854 17,953	6,761 10,977 3,911 12,525	6,970 10,840 4,025 16,767	6,788 10,145 3,556 16,591	6,876 9,950 3,026 13,409	7,124 10,636 3,316	6,624 8,361 2,382	5,584 8,034 3,545
HOUSING STARTS AND PERMITS  New housing units started: Unadjusted: Total (private and public)thous. Privately owneddo	1,755.8 1,749.5	1,744.9 1,741.8	124.1 124.1	120.5 120.5	115.7 115.6	107.2 107.2	151.0 151.0	188.2 188.2	186.7 186.6	183.6 183.6	172.2 172.0	163.8 163.8	154.3 154.0	154.9 154.8	115.9 7115.8	114.1 114.0
One-family structuresdo  Seasonally adjusted at annual rates: ♦  Total privately owneddodo  One-family structuresdo	1,084.2	1,072.4	73.4 1,654 1,006	1,882 1,098	72.0 2,034 1,335	2,001 1,202	1,960 1,221	2,019 1,242	1,853 1,241	1,852 1,230	1,782 1,137	1,795 1,186	1,664 1,102	1,628 1,085	777.4 71,585 71,087	72.3 1,802 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. One-family structures	1,682 922	1,733 957	1,668 932	1,839 963	1,861 1,060	1,808 1,033	1,834 1,043	1,885 1,139	1,788 1,092	1,792 1,121	1,759 1,093	1,673 1,039	1,603 1,047	1,565 1,006	'1,613 '991	1,893 1,144
Manufacturers' shipments of mobile homes: Unadjusted	295.6	283.5	20.9 287	16.9 285	18.9 280	18.7 266	20.5 240	22.9 249	22.5 239	21.4 226	20.3 236	21.6 232	21.5 244	23.1 244	17.2 238	
Dept. of Commerce composite †	106.3	109.4 113.0	110.3 113.9	110.3	110.6 114.1	110.6	110.9 114.2	112.0	112.8 114.4	112.9	7112.4 114.9	r112.3	7112.4 115.6	r112.3	112.4 116.1	
Commercial and factory buildings	109.4 111.9 357.8	111.3 115.1 358.7	112.4 116.3 362.1	361.1	112.6 116.5 359.5	360.9	112.8 116.6 361.2	363.3	112.9 116.8 366.4	368.4	113.3 117.3 369.3	368.8	113.8 118.1 370.0	371.4	114.0 118.6 371.3	2371.5
Construction	386.2 155,0	390.1 172.1	393.9	392.9 171.5	391.5	392.6	392.7 175.7	393.7	396.8	398.3 169.0	402.4	402.3	402.5 176.0	404.2	404.0	<sup>2</sup> 404.8

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.

	Ann															
		ual	198	35						198	6					
Units	1984	1985	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<u> </u>	CO	NSTRI	ICTION	JANDI	PEAL F	STATE		inued	<u>1</u>		1				
	· · · · · ·	T	145114	CITO	AND	CEAL	SIAIL	2—0011	inucu					——Т	<del></del>	
							I			ŀ			1			
nstruction:	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.
do			219	212	329	336	441	548	455	314	280	232	243	228	252	24
do	198.7	215.0														14. 20
l by:				210		210	220	[	020		1			l		
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	2.768.0
	12,120.42	10,041.00	1,000.10	1,041.11	1,002.00	1,242.44	1,021.10	1,230.00	1,142.12	2,000.00	1,040.20	2,000.00	0,400.00	2,021.10	2,201.10	2,,00.0
mil \$	74 691	88 885	86 949	88 895	87 190	86 809	87 991	91 107	01 889	94 840	97.272	98 360	99 036	100 210	101 109	108,64
and loan						,	01,201	01,10.	51,002							100,01
mil. \$	172,091	179,972	14,280	19,374	12,047	11,564	14,572	r16,686	18,753	<sup>7</sup> 22,361	<sup>7</sup> 21,036	721,314	r19,762	19,866	16,121	
do	25,523	25,305	1,947	2,426	1,603	1,642	2,006	r2,322	1,952	2,151	72,194	1,952	2,043	72,102	1,640	
dodo	102,670 43,895	111,596 43,067	9,442 2,890	11,469 5,479	7,660 2,783	7,720 2,202	9,715 2,851	711,290 3,074	714,048 2,754	716,556 3,655	716,300 72,542	716,430 72,933	715,066 72,653	714,955	12,147 2,335	
				Γ	OMES'	TIC TR	ADE									
									-							
<u>.</u> 1											İ				. 1	
	1 660 0									Ì					)	
do	240.0															
	473.5 68.7															
do	334.9															
<b>do</b>	242.1															
do	191.6		 													
do																
do	422.6					• • • • • • • • • • • • • • • • • • • •				•••••						
	2,148.5														ļ	
	20 500		0.400	2 200			2 222	2.250		0.004	0.050	0.000				
do		25,170 8,376	708	2,280 573	1,862	671	2,220 781	2,259 793	2,306 799	2,321 839	2,073 794					
do	3,081	3,352	335	264	266	255	291	294 1 172	304	309	227	258				
	12,104	10,440	1,000	1,442	313	310	1,11	1,112	1,200	1,110	1,000	1,101	••••••		[	
			***										*** ***		110,000	
do	609,210	626,749	52,393	52,653	50,115			115,789 56,202	114,902 55,285	114,570 56,071	56,057	53,897	57,941	61,875		
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	<sup>7</sup> 62,893	59,034	
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	140,360	140,120	
do		86,984	87,019	86,984	86,586	87,701	88,610	89,624	89,665	90,450	90,998	90,993	92,038	791,224		ļ
	40,100	50,155	10,001	30,100	30,511	40,004	40,101	40,001	40,422	40,000	40,000	40,000	41,021	40,100	40,102	
															-101.001	1170.00
arden	1	1 1			1							1			1	1
:::sm11. \$ do	278,534				5,393 23,811	4,996 23,328	6,401 26,241	7,702 28,242		8,128 29,740		29,236	35,101		76,877 724,335	<sup>1</sup> 6,83
				1									1			19.0
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	75,043	777,058	195,3
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	16,567	25,7
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	77,022	r6,798	17,0
					4,694 10,338	4,401	6,128	5,737 11 663	6,313 12,377	5,680 12,250	5,533 12,648	6,606 13,140	5,992 11,849			
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	74,101	74,046	15,7
		1 '														
do							43,279	44,874	45,554							
en sup-	1		76.471	76 634	1		7 148	7 384	6 947			7.205	7.350	77.317	77.223	17,3
	ì	1	1		i .	i .			1			1			1	
do	<b></b>			74,893 7939	5,121 927	5,053 953	5,121 974	5,451 948	5,107 933			5,259	5,278 987	75,314		
do		ļ	725,248	<sup>7</sup> 25,980	26,327	26,040	25,026	26,357	27,164			28,773	35,318	r28,434	r27,458	131,9
ous do	1	<u> </u>	r23,162	r23,925	24,286	24,002	23,029	24,369	25,151	25,096	25,436	26,729	33,262	r26,390	25,418	129,9
	1		r2,086	1	1	1	1,997	1,988	1		-	1	1	1		
		· p · · · · · · · · · · · · · · · · · ·	2,000	2,000	2,041	2,000	1,551	1,700	2,013	2,000	1,004	2,044	2,000	2,044	2,040	
do			1	i			l	1	1	ı	1	1		Į.	1	
do		ļ	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	16,5
			r5,878 r3,157	-	1		6,049 3,329	6,099 3,338	1 "	6,378 3,404		6,516 3,488	1	1	1	<sup>1</sup> 6,5′
	do	ibous units.   115.6	onstruction: chous. units.   do	onstruction: chous units. 115.6 180.8 14.8 219	onstruction: hous units	onstruction: hous units. 115.6	onstruction: hous units 115.6	Description	Design   Column   C	hous units. 115.6 180.8 14.8 14.8 24.1 24.8 39.1 51.0 41.0  do do 198.7 215.0 16.8 14.3 16.4 16.9 21.2 27.3 28.6  do 198.7 215.0 16.8 14.3 16.4 16.9 21.2 27.3 28.6  do 198.7 215.0 16.8 14.3 16.4 16.9 21.2 22.2 33.8  do 12.728.42 13.047.6 1.698.10 1.847.17 1.304.65 1.242.44 1.621.70 1.298.65 1.742.12  gg advances  mil \$ 14.524.93 23.963.94 3.277.07 1.695.68 3.150.98 3.276.93 4.032.79 3.390.61 5.277.44  ng advances  mil \$ 74.621 88.885 86.942 88.885 87.190 86.892 87.231 91,107 91,882 1.3047.60 1.098.70 1	Desiration   115.6   180.8   14.8   14.8   24.1   24.8   39.1   51.0   41.0   26.9	Design   Construction   Constructi	Design   115.6   180.8   14.5   14.8   24.1   24.5   24.	11.5.6   18.0.8   14.8   14.8   24.1   24.8   39.1   51.0   44.0   26.0   24.7   29.2   21.5   23.6   40.0   18.7   21.5   21.0   18.8   14.3   16.4   16.9   21.2   22.3   22.8   22.1   22.8   23.1   23.8   24.8   23.8   23.	The proper value of the pr	Second column   11.56   180.5   14.5   14.5   24.1   24.5   39.1   51.0   41.0   26.5   24.7   20.2   21.7   12.8   22.5   23.6   40.5   40.5   31.4   22.5   22.5   23.6   40.5   40.5   24.7   20.2   21.7   12.8   22.5   23.6   40.5   40.5   24.7   20.2   24.7   22.5   23.6   40.5   40.

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.

January 1987			SUR.	VEI (	Jr CU	RREN	I DU	SINE	30 -							5-9
Unless otherwise stated in footnotes below, data through 1984 and Units methodological notes are as shown in BUSINESS STATISTICS: 1984	Ann 1984	ual 1985	19 Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	36 July	Aug.	Sept.	Oct.	Nov.	Dec.
				DOMES	STIC TI	RADE-	-Contin	ued								
RETAIL TRADE ‡—Continued																
All retail stores—Continued										-	İ					
Estimated sales (seas. adj.)—Continued										<b></b> .	<b>-</b>	-0.044	<b>50.55</b>	-50.054		151.000
Nondurable goods storesmil. \$ General merch. group storesdo			772,794 713,490	773,104 713,413	73,162 13,340	73,251 13,621	73,405 13,801	72,841 13,860	73,121 13,730	73,364 13,766	73,492 13,873	73,611 14,083	73,714 13,850	773,976 713,898	774,231 713,760	<sup>1</sup> 74,808 <sup>1</sup> 13,933
Department storesdo Variety storesdo			711,439 726	711,404 7728	11,330 768	11,532 747	11,705 803	11,774 774	11,716 737	11,784 711	11,926 643	12,134 678	11,941 662	'11,929 '699	<sup>7</sup> 11,872 653	12,014
Food storesdo			r23,969	r24.331	24,337	24,261	24,463	24,126	24,233	24,398	24,486	24,283	24,661	724,800	<sup>7</sup> 24,991	125,193
Grocery storesdo Gasoline service stationsdo			r22,625 8,377	r22,939 r8,441	23,002 8,421	22,948 8,186	23,131 7,615	22,825 7,112	22,906 7,190	23,063 7,144	23,151 6,932	22,902 6,759	23,252 6,839	<sup>7</sup> 23,379 <sup>7</sup> 6,831	r23,608 r6,937	<sup>1</sup> 23,811 <sup>1</sup> 6,885
Apparel and accessory stores #do			*5,968	r5,978	5,915	5,996	6,189	6,205	6,211	6,283	6,257	6,411	6,320	76,352	r6,328	<sup>1</sup> 6,390
Men's and boys' clothing and furnishings storesdo			7709	7709	695	730	752	770	759	754	751	760	756	7740	721	
Women's clothing, specialty stores,			<sup>7</sup> 2,491	<sup>7</sup> 2,515	2,498	2,492	2,562	2,548	2,553	2,625	2,632	2,679	2,670	<sup>7</sup> 2,668	2,667	
Shoe storesdo			<sup>7</sup> 894	ŕ902	886	924	937	941	951	955	954	1,025	960	r971	985	••••••
Eating and drinking placesdo Drug and proprietary storesdo			11,121 3,906	711,106 73,896	11,274 3,938	11,255 3,925	11,400 4,017	11,651 4.022	11,710 4,089	11,722 4,118	11,810 4,155	11,956 4,168	11,945 4,161	'12,073 '4,180	<sup>7</sup> 12,182 <sup>7</sup> 4,193	12,286 14,266
Liquor storesdo			1,482	<sup>7</sup> 1,496	1,503	1,489	1,520	4,022 1,493	1,497	1,519	1,499	1,464	1,471	1,482	1,459	
Estimated inventories, end of period:  Book value (unadjusted), totalmil. \$	153,046	160,372	175,337	160,372	161,865	167,319	172,790	174,427	171,387	170,105	170,438	168,529	<sup>7</sup> 171,435	183,926		
Durable goods stores # do Bldg. materials, hardware, garden sup-	76,280	81,979	84,310	81,979	84,120	87,254	90,722	91,285	89,146	89,019	88,569	84,791	783,055	89,448		••••••
ply, and mobile home dealersdo	12,383	13,176	13,564	13,176	13,547	13,980	14,575	14,897	14,624	14,377	14,315	14,129	14,439	14,203		
Automotive dealersdo Furniture, home furnishings,	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			
and equipmentdo Nondurable goods stores #do	11,971 76,766	12,749 78,393	13,704 91,027	12,749 78,393	12,593 77,745	12,641 80,065	12,917 82,068	13,192 83,142	13,072 82,241	13,419	13,264 81,869	13,635 83,738	13,982 788,380	,		
General merch. group										81,086					-	
storesdo Department storesdo	28,104 22,264	28,002 22,086	36,035 28,477	28,002 22,086	27,739 21,730	29,244 22,954	30,616 24,268	31,608 25,225	31,115 24,913	30,052 23,978	30,565 24,223	31,355 24,913	733,828 726,984	37,111 29,834		
Food storesdo Apparel and accessory	15,474	16,278	16,696	16,278	16,190	16,201	16,290	16,135	16,299	16,408	16,083	16,258	16,786	17,649		
storesdo	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.), totaldo Durable goods stores #do	157,845 77,142	165,324 82,875	165,557 83,056	165,324 82,875	167,987 84,755	169,379 85,863	171,551 88,132	172,158 88,263	170,869 87,198	171,705 88,281	173,529 90,271	172,926 89,380	7171,617 786,578	176,568		
Bldg. materials, hardware, garden sup-								•								
ply, and mobile home dealersdo Automotive dealersdo	12,859 37,265	13,696 42,193	13,912 41,459	13,696 42,193	13,995 43,418	14,022 44,250	14,192 45,961	14,324 45,462	14,129 44,697	14,192 45,606	14,286 47,278	14,157 46,090	r14,541 r42,440	14,289 45,847		
Furniture, home furn., and equipdo	12,141	12,943	13,076	12,943	12,942	12,952	13,061	13,258	13,151	13,339	13,425	13,649	13,885	14.080		
Nondurable goods stores #dodo	80,703	82,449	82,501	82,449	83,232	83,516	83,419	83,895	83,671	83,424	83,258	83,546	85,039	86,366		•••••
General merch group storesdo Department storesdo	31,136 24,574	31,059 24,404	31,079 24,402	31,059 24,404	31,568 24,778	31,603 24,788	31,498 24,865	31,767 25,200	31,534 25,114	31,206 24,899	31,174 24,870	30,989 24,789	731,634 725,361	32,383		
Food storesdo Apparel and accessory	15,275	16,069	15,947	16,069	16,288	16,365	16,323	16,216	16,414	16,441	16,411	16,687	16,973			
storesdo	14,540	15,387	15,647	15,387	15,403	15,653	15,611	15,812	15,804	15,798	15,668	15,681	15,784	15,951		
Firms with 11 or more stores: Estimated sales (unadjusted),																
totalmil. \$	450,603	472,244	44,041	56,786	34,526	32,703	39,075	37,972	41,666	38,836	39,353	41,598	<sup>7</sup> 38,559			
Durable goods storesdo Auto and home supply	37,697	40,049	3,717	5,246	2,679	2,554	3,116	3,361	3,704	3,567	3,733	3,710	73,582	3,739		
storesdo	4,687	4,895	454	437	361	341	412	451	466	449	500	494	465	486		
Nondurable goods stores #do General merchandise group	412,906	432,195	40,324	51,540	31,847	30,149	35,959	34,611	37,962	35,269	35,620	37,888	34,977			
storesdo Food storesdo	142,334 148,957	148,412 156,131	15,387 13,516	23,218 14,177	8,708 13,401	8,911 12,073	11,863 13,419	11,690 12,835	13,158 14,165	11,964 13,063	11,415 13,947	13,026 13,889	<sup>7</sup> 11,721 <sup>7</sup> 13,032	12,895		
Grocery storesdo Apparel and accessory storesdo	146,983	154,083	13,340	13,880	13,235	11,904	13.225	12,677	13,992	12,897	13,781	13,721	<sup>7</sup> 12,874	13,705		
Eating placesdo	25,354 26,999	28,120 28,404	2,849 2,379	4,234 2,405	1,743 2,268	1,726 2,125	2,561 2,485	2,318 2,459	2,533 2,588	2,340 2,564	2,244 2,728	2,846 2,770	r2,458 r2,554	2,715		
Drug stores and proprietary storesdo	24,387	26,016	2,147	3,174	2,083	1,939	2,213	2,079	2,251	2,185	2,186	2,222	<sup>7</sup> 2,141	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	741,111	41,252		
Auto and home supply storesdo Department storesdo		······	429 10,974	423 10,940	424 10,851	437 11,060	436 11,266	443 11,301	$\frac{434}{11,270}$	433 11,316	464 11,482	475 11,680	7460 711,480	11,542		•••••
Variety storesdodo			606 13,015	609 13,181	640 13,156	607 13,125	695 13,225	641 13,096	616 13,175	594 13,269	534 13,484	544 13,347	529 713,552			
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	<sup>7</sup> 2,614			
Women's clothing, specialty stores, and furriersdo			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 and proprietary			452	459	452	477	482	507	503	508	518	547	496	485		
storesdo			2,164	2,189	2,207	2,169	2,220	2,224	2,238	2,260	2,268	2,300	<sup>7</sup> 2,310	2,329		
		LA	BOR F	ORCE,	EMPL	OYMEN	IT, ANI	D EARN	NINGS							
LABOR FORCE AND POPULATION			-													
Not Seasonally Adjusted	.													. 1	- 1	
Noninstitutional population, persons 16	450.000	450 040							4 6 2 2 2 2		400.05			400.005		100.00
years of age and overthous Labor force @do	178,080 115,241	117,167	180,642 117,799	117,478	<sup>2</sup> 181,361 117,122	181,512 117,416	181,678 118,002	118,012	118,886	182,183 121,324	182,354 121,975	182,525 121,168	182,713 119,960	182,935 120,448	183,114 120,374	119,799
Resident Armed Forcesdo	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 populationdo Civilian labor force, totaldo	176,383 113,544	178,206 115,461	178,940 116,097	179,112 115,780	179,670 115,431	179,821 115,725	179,985 116,309	180,148 116,317	180,311 117,199	180,503 119,644	180,682 120,303	180,828 119,471	180,997 118,244	181,186 118,699	118,623	181,547 118,049
Employeddo	105,005 8,539	107,150 8,312	108,282 7,815	108,063 7,717	106,959 8,472	106,685 9,041	107,643 8,667	108,201 8,115	109,041 8,158	110,869 8,775	111,832 8,471	111,515 7,955	110,229 8,015	110,857 7,842	110,751 7,872	110,588 7,461
Seasonally Adjusted ♦	3,000	2,014	.,010	.,	~,314	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	5,501	5,110	5,100	5,110	٠, ١, ١	.,500	-,,,,,,	.,,,,,,	.,	.,
Civilian labor force, totaldo Participation rate †percent	64.4	64.8	7116,149 64.9	7116,333 64.9	'116,794	7117,042 65.1	<sup>7</sup> 117,187 65.1	<sup>r</sup> 117,292 65.1	7117,587 765.2	7118,005	7118,117	7118,124 765.3	<sup>7</sup> 118,272 65.3	'118,414 65.4	7118,675 65.4	118,586 65.3
Employed, totalthous			64.9 107,978	r108,149	65.0 r108,892		r108,807	108,969	*109,165	65.4 109,613	r65.4 r109,887	r110,067	r109,987	r110,192	r110,432	110,637
Employment-population ratio †percent Agriculturethous	59.5 3,321	60.1 3,179	60.3 r3,055	60.4 3,151	60.6 73,280	60.4 73,105	r60.5 r3,252	760.5 73,199	60.5 73,151	r60.7 r3,164	60.8 73,124	60.9 73,057	760.8 73,142	60.8 73,162	60.9 73,215	60.9 3,161
Nonagriculturedo	101,685		104,923	r104,998	r105,612	105,452	105,555	105,770	106,014	106,449	r106,763	107,010	106,845	r107,030	r107,217	107,476
Unemployed, totaldo Long term, 15 weeks and	ŀ····	······	r8,171	r8,184	7,902	r8,485	r8,380	r8,323	r8,422	r8,392	78,230	78,057	r8,285	r8,222	78,243	7,949
overdo	2,737	2,305	<sup>7</sup> 2,207	r2,209	72,117	r2,332	72,243	<sup>7</sup> 2,130	<sup>7</sup> 2,232	<sup>7</sup> 2,299	<sup>r</sup> 2,250	<sup>r</sup> 2,272	r2,373	r2,168	<sup>7</sup> 2,217	2,171
See footnotes at end of tables.	•		. '		•			'	•	,		'				

5-10			BUIL	A DI C	F CUI	6161314	I DO	OTTATAL	<u> </u>						Januar	<del>, 1501</del>
Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in Business Statistics: 1984	Ann:	ual 1985	198 Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	6 July	Aug.	Sept.	Oct.	Nov.	Dec.
	L	ABOR I	FORCE	, EMPL	OYME	NT, AN	D EAR	NINGS-	Conti	inued				-		
LABOR FORCE—Continued																
Seasonally Adjusted ♦ Civilian labor force—Continued																
Unemployed—Continued Rates(unemployed in each group as percent		· }			İ	İ	1	ł	1		·	. }		1		
of civilian labor force in the group): All civilian workers	7.5	7.2	7.0	77.0	r6.8	77.2	7.2	7.1	77.2	7.1	77.0	6.8	7.0	r6.9	76.9	6.7
Men, 20 years and over Women, 20 years and over	6.6 6.8	6.2 6.6	6.0 6.4	76.0 76.4	75.8 6.1	6.2	6.2	6.0 6.4	76.2 76.4	6.2	6.2	5.9 6.1	6.2 6.2 718.5	6.2 6.1	6.2 6.1	6.0 5.9
Both sexes, 16-19 years	18.9	18.6	18.4	r19.0	'18.2	r18.9	′18.4	r19.3	<sup>7</sup> 18.8	<sup>7</sup> 18.9	17.9	r18.0	718.5 6.0	<sup>7</sup> 17.7 6.0	718.2 76.0	17.3 5.8
WhiteBlack	6.5 15.9	6.2 15.1	5.9 *15.5	76.0 715.0	'5.8 '14.6 '10.3	76.3 714.9	6.2 714.8	6.1 14.8	6.2 14.8	6.1 714.9	6.0 14.2	5.8 14.6	r14.6	<sup>7</sup> 14.3	714.2	13.7 10.5
Hispanic origin Married men, spouse present	10.7 4.6	15.1 10.5 4.3	710.8 4.3	710.5 4.3	4.3	711.8 4.5	710.5 4.5	710.5 4.2	710.9 74.4	10.6 4.5	10.5 4.4	710.8 74.2	710.9 74.3	710.4 4.6	79.6 4.5	4.3 4.8
Married women, spouse present Women who maintain families	5.7 10.4	5.6 10.4	5.5 10.0	75.4 79.6	5.1 9.9	5.5 9.9	75.5 10.1	5.3 79.5	75.3 710.1	5.2 710.0	75.2 79.5	5.1 '10.1	75.1 79.8	5.0 *8.9	5.0 79.7	9.8
Industry of last job: Private nonagricultural wage and																
salary workers Construction	7.4 14.3	7.2 13.1	77.1 713.3	77.0 12.6	<sup>7</sup> 6.8 <sup>7</sup> 12.8	7.2 713.0	77.1 13.0	77.1 712.3 76.9	77.2 713.0	7.1 *12.4 *7.2	77.1 713.0	6.9 712.4	7.0 712.9 7.0	7.0 713.8 7.3	7.0 715.1	6.8 13.7
Manufacturing Durable goods	7.5 7.2	7.7 7.6	77.6 7.6	7.3 7.3	77.1 7.0	77.3 7.4	7.2 76.9	76.9 76.9	7.4 7.3	77.2	6.9 6.7	76.9 76.8	7.0 6.5	7.3	77.1 6.6	6.9 6.4
Agricultural wage and salary workers	13.5	13.2	<sup>r</sup> 13.2	10.7	r11.5	<sup>7</sup> 13.8	<sup>7</sup> 12.1	13.4	<sup>7</sup> 15.3	13.2	r11.4	713.3	<sup>r</sup> 12.9	711.9	710.1	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 8.9	4.7 9.0	5.3	4.8 8.9	4.4 8.8	4.8 8.7	5.0	4.9 8.4	4.8 8.2	4.9 8.6	4.6 8.9	4.5 8.1	3.9 8.0
Service occupations Precision production, craft, and repair	9.1 7.5	8.8 7.2	8.5 6.7	7.2	8.3	9.1 9.5	8.6	8.0	7.3	8.4 6.7	6.7	6.0 9.5	6.0 10.0	6.1 10.3	6.6 10.7	6.7 10.8
Operators, fabricators, and laborers Farming, forestry, and fishing	11.5 8.5	11.2 8.6	10.9 9.0	10.6 9.4	12.3 9.7	12.3 12.4	12.3 10.8	11.1 8.2	10.4 7.3	10.6 6.2	10.0 5.5	6.0	6.7	7.0	7.6	9.1
EMPLOYMENT § Employees on payrolls of nonagricultural estab.:									į							
Total, not adjusted for seas. variationthous	94,496	97,614	99,428 82,534	99,546 82,686	97,903 81,286	98,113 81,165	98,617 81,604	99,553 82,547	100,341 83,301	100,752 83,985	99,998 84,167	100,189 84,494	101,089 84,587	7101,595 784,554	7101,874 784,661	p101,991 p84.810
Private sector (excl. government)do Seasonally Adjusted	78,472	81,199	62,004	02,000	01,200	61,105	01,004	02,041	00,001	00,000	04,101	04,454	04,001	01,001	04,002	01,010
Total employees, nonagricultural payrollsdo	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	<sup>7</sup> 100,826	'101,065	P101,334
Private sector (excl. government)do	78,472 59,094	81,199	82,073 62,814	82,281 62,992	82,659 63,356	82,748 63,454	82,785 63,530	83,072 63,827	83,198 63,997	99,843 83,161 64,026	83,508 64,387	83,655 64,532	83,786 64,681	783,956 764,838	784,168 765,009	P84,384 P65,194
Nonmanufacturing industriesdo Goods-producingdo	24,727 966	61,885 24,930 930	24,931 907	24,977 901	25,101 897	25,038 880	24,945 852	25,038 821	24,965 790	24,854 772	24,869 768	24,888 753	24,858 743	r24,865 r746	r24,895 r743	P24,932 P738
Miningdo Constructiondo	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	75,001	r4,993	P5,004
Manufacturingdod	19,378 11,505	19,314 11,516	19,259 11,453	11,461	19,303 11,466	19,294 11,455	19,255 11,418	19,245 11,415	19,201 11,378 719	19,135 11,307 721	19,121 11,294 724	19,123 11,302	19,105 11,271	719,118 711,266	719,159 711,283 7742	<sup>p</sup> 19,190 <sup>p</sup> 11,298
Lumber and wood productsdo Furniture and fixturesdo	703 486	700 493	708 493 591	710 494	716 494	716 494	715 493 594	719 494	496	1 496	498	729 499	734 500	737 500	500	P749 P501
Stone, clay and glass productsdo Primary metal industriesdo	592 857	590 812	591 801	593 803	596 798	597 795	594 787	600 785	599 780	597 761	593 758	592 751	594 749	7590 749	7590 7752	<sup>p</sup> 593 <sup>p</sup> 753
Fabricated metal productsdo Machinery, except electricaldo	1,463 2,197	1,467 2,181	1,459 2,139	1,456	1,455 2,137	1,452 2,127	1,450 2,118	1,451 2,111	1,447 2,100	1,440 2,089	758 1,428 2,079	1,429 2,072	1,433 2,044	1,429 2,039	71,429 72,036	p1,430 p2,032
Electric and electronic equipdo	2,208	2,207	2,179	2,182	2,182	2,181	2,177	2,177	2,175	2,143	2,169	2,168	1	72,167	<sup>7</sup> 2,165	P2.162
Transportation equipmentdo Instruments and related	1,900	1,971	1,993	1,998	1,996	1,998	1,989	1,986	1,972	1,974	1,969	1,985	2,162 1,979	71,979	1,995	°1,998
productsdododo	713 382	723 368	723 367	725 367	724 368	725 370	726 369	723 369	721 369	717 369	713 363	713 364	713 363	7713 7363	709 365	P711 P369
Nondurable goodsdo	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	77,876	P7,892 P1,651
Food and kindred productsdo Tobacco manufacturesdo	. 1,612 . 64	1,608 64	1,612 65	64	1,623 64	1,631 63	1,632 63	63	62	1,648 62 707	1,645 62	1,642 59	1 60	1,644 59	61	° 58
Textile mill productsdo Apparel and other textile	. 746	703	701	702		705	707		1	-	710	711	1			P719
productsdo Paper and allied productsdo	. 1,185 . 681	1,125 682	1,122 687	686	687	1,122 687	1,117 688	1,119 689	689	690	1,108 687	1,108 685		7694	695	P1,124
Printing and publishing do Chemicals and allied productsdo	1,376 1,049	1,045	1,037	1,035	1,034	1,032		1,028	1,024	1,026	1,025	1,026	1,025	1,023	r1,023	p1,022
Petroleum and coal productsdo Rubber and plastics prod-		177	i .	l	1	167	166	1			163	163	j		.l	
ucts, necdo Leather and leather productsdo	. 780 189	789 166			802 163	803 162	804 160	800 157	796 154	797 151	792 152	794 152		805 151		P151
Service-producingdododododododododododo	. 69,769 5,159	72,684 5 242	73,735 5,272	73,933 5,277	74,195 5,286	74,391 5 277	74,539 5,280	74,745 5.266	74,953 5 265	74,989 5,167	75,236 5,288	75,395 5,255	75,702 5.316	775,961 75,316		
Wholesale trade do Retail trade do do	5,555	5,740	5,796 17,589	5,809	5,830	5,843	5,841 17,828	5,266 5,864 17,851	5,265 5,872 17,911	5,829 17,944	1 5.849	5,255 5,863 18,030	5,316 5,859 18,065	75,864 718,143	r5,864	P5,855
Finance, insurance, and real estatedo	5,689	5,953	6,070		6,123	6,157	6,184	6,228	6,261	6,295	6,334	6,364	1	1	ì	p6,466
Services do Government do	. 20,797	21,974	22,415	22,501	22,585 16,637	22,638 16,681	22,707 16,699	22,825	22,924	23,072	23,176 16,597	23,255 16,628	23,300	23,359	723,444	P23,586
Federal do State do	2,807	2,875	2,904	2,913	2,918	2,918	2,923 3,927	2,914 3,938	2,899	2,875	2,866 3,921	2,875 3,919	2,901	r2,896	2,899	<sup>p</sup> 2,901
Localdo	. 9,482	9,692	9,788	9,812	9,803	9,839	9,849		9,885	9,880	9,810		9,941	r10,015	10,029	P10,056
Production or nonsupervisory workers on private nonagric. payrolls, not seas. adjustedthous.	63,415	65,635	66,830		65,558	65,407	65,795	66,672	67,369		68,085	68,387			r68,560	P68,691
Manufacturingdo  Seasonally Adjusted	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	713,089	13,079	P13,057
Production or nonsupervisory workers on private	l								2= 221	ATT 000	07.515	47.400	-05.540	-05.054	ren ne	P68,248
nonagricultural payrollsthous Goods-producingdo	63,415 17,377	17,459	17,440	17,486	17,597	17,536	17,454	17,546	17,475	17,388	17,395	67,632 17,429	17,407	17,408	717,454	P17,497
Miningdo Constructiondodo	686 3,406	3,670	3,724	3,748	3.852	622 3,817	598 3,795	3.913	3,903	3,874	3,901	526 3,932	3,927	73,912	r524	°3,914
Manufacturingdo Durable goodsdo	13,285 7,739	7,660	7,594	7,595	7,595	7,579	7,545	7,547	7,519	7,462	7,441	12,971 7,458	7,438	77,435	'7,456	P7,479
Lumber and wood productsdo Furniture and fixturesdo	589	586	595	597	602	602	602	605	605	il 606	604 398	610 400	615	7618	622	
Stone, clay, and glass productsdo	455	452	454	455	459	459	459	463		460	458	456		r454		P458
Primary metal industriesdo Fabricated metal productsdo	651 1,078	615	608	611	606	604 1,072	596 1,069	596 1,073	591 1,068	. 574	569	562 1.054	1.058	1,056	568	p1,061
Machinery, except electricaldo Electric and electronic				1,278			1,267		1,256	1,250			1,215	1,211	r1,206	P1,205
equip	1,354 1,215			1,267 1,268	1,262 1,259	1,258 1,258	1,252 1,247	1,249 1,245	1,250 1,233	1,224 1,233	1,246 1,223	1,249 1,235	1,245 1,235	71,247 71,236	71,251 71,250	p1,252
Instruments and related productsdodo			1		1			1				389	1			1.
Miscellaneous manufacturingdo		265	268	264			266					264	264	264		
See footnotes at end of tables.	•		•		•	•	•	•	•	•	•		•	•	•	•

Unless otherwise stated in footnotes	Annu	ıal	198	5						198	16					
below, data through 1984 and methodological notes are as shown in Business Statistics: 1984	1984	1985	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	LA	BOR 1	FORCE	EMPI	OYME	NT, AN	D EAR	NINGS-	—Conti	nued						1
EMPLOYMENT 8Continued Seasonally Adjusted Production or nonsupervisory workersContinued																
Nondurable goods	5,546 1,119 48 645	5,470 1,122 48 607	5,480 1,126 48 605	5,505 1,137 48 606	5,516 1,137 48 608	5,518 1,145 47 609	5,516 1,145 48 611	5,513 1,145 48 607	5,506 1,149 47 610	5,517 1,160 46 611	5,520 1,158 47 614	5,513 1,153 43 615	5,522 1,157 44 612	75,539 71,155 44 7616	75,566 71,168 746 7622	<sup>p</sup> 5,586 <sup>p</sup> 1,166 <sup>p</sup> 43 <sup>p</sup> 624
products	1,002 511 758 583 111	948 515 793 579 107	946 520 804 575 105	952 520 808 575 104	956 521 811 573 104	946 521 815 574 104	940 521 817 578 103	943 522 820 572 103	938 523 820 569 103	933 524 823 572 103	936 522 828 572 102	935 519 825 574 103	937 523 827 572 102	940 527 832 7571 7102	7941 7528 832 7571 7102	P951 P533 P837 P570 P103
ucts, nec	607 158 46,037 4,261	610 137 48,176 4,342	615 136 48,907 4,374	619 136 49,024 4,381	623 135 49,259 4,384	623 134 49,409 4,377	625 133 49,462	623 130 49,621 4,362	620 127 49,786 4,361	621 124 49,835	617 124 50,122 4,354	621 125 50,203	624 124 *50,335 *4,387	7628 124 750,446 74,393	7632 124 750,610	P634 P125 P50,751 P4,445
Wholesale trade do do Retail trade do do Finance, insurance, and real estate do	4,454 14,765 4,229	4,616 15,458 4,414	4,658 15,657 4,495	4,665 15,669 4,513	4,686 15,794 4,532	4,695 15,854 4,554	4,873 4,693 15,867 4,571	4,712 15,880 4,603	4,711 15,939 4,629	4,270 4,674 15,981 4,651	4,705 16,018 4,683	4,325 4,708 16,045 4,704	4,700 16,091 4,716	74,694 716,153 74,723	74,424 74,699 716,175 74,745	P4,687 P16,174 P4,766
Services	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	<sup>2</sup> 20,567	₽20,679
payrolls: \$\int Not seasonally adjusted	35.2 43.3 37.8	34.9 43.4 37.7	34.8 34.8 43.2 36.7	35.2 34.9 43.8 36.9	34.7 35.0 44.4 37.2	34.4 34.9 42.4 35.2	34.7 34.9 42.3 36.4	34.6 34.8 42.0 37.6	34.7 34.8 41.8 37.9	34.9 34.7 42.0 37.8	35.0 34.7 41.6 38.3	35.1 34.8 42.3 38.4	34.8 34.7 42.3 38.5	r34.7 34.7 42.2 38.0	734.7 734.8 741.7 36.6	p34.9 p34.6 p42.2 p37.0
Manufacturing:         Not seasonally adjusteddo	40.7 3.4	40.5 3.3	40.9 40.7 3.4	41.7 40.9 3.6	40.7 40.8 3.5	40.3 40.7 3.4	40.7 40.7 3.4	40.5 40.7 3.4	40.6 40.7 3.4	40.8 40.6 3.3	40.2 40.6 3.4	40.7 40.8 3.5	41.0 40.8 3.5	40.8 40.7 3.5	741.0 740.8 3.5	P41.7 P40.9 P3.6
Durable goods	41.4 3.6 39.9 39.7 42.0 41.7	41.2 3.5 39.9 39.4 41.9 41.5	41.3 3.6 39.9 39.4 41.8 41.9	41.6 3.7 40.2 39.9 41.8 42.1	41.5 3.6 40.4 40.0 42.7 41.9	41.4 3.5 40.0 39.7 41.9 42.1	41.4 3.6 40.2 39.4 41.9 41.9	41.3 3.6 40.3 39.1 42.4 41.3	41.2 3.4 40.3 39.4 42.3 41.7	41.2 3.5 39.9 39.4 42.2 41.6	41.1 3.5 40.1 39.4 42.2 41.3	41.4 3.5 40.2 39.9 42.5 41.9	41.4 3.6 40.1 40.0 42.5 42.0	41.3 3.6 40.3 39.8 42.3 42.3	741.4 3.6 740.7 739.7 741.9 742.4	P41.4 P3.7 P40.4 P39.7 P42.2 P43.0
Fabricated metal products	41.4 41.9 41.0 42.7	41.3 41.5 40.6 42.6	41.5 41.6 40.9 42.7	41.6 41.7 41.1 43.0	41.5 41.6 41.0 42.8	41.5 41.6 40.9 42.7	41.4 41.6 41.0	41.2 41.8 41.1 42.1	41.1 41.8 41.0	41.1 41.7 41.0 42.2	41.1 41.4 41.1 42.1	41.2 41.7 41.2 42.6	41.5 41.7 41.2 42.6	41.2 41.6 740.9 742.1	741.4 41.7 740.9 742.3	P41.3 P41.6 P40.9 P42.3
Instruments and related productsdo Miscellaneous manufacturing ‡do	41.3 39.4 39.7	41.0 39.4	41.0 40.2	41.6 40.7 40.0	41.1 39.8	41.2 39.3	42.7 41.3 39.9	41.3 39.7	41.9 40.9 39.4	41.0 39.6	40.8 38.8 39.8	41.0 39.2 40.0	42.6 40.7 39.6 39.9	741.1 739.8 39.9	41.2 r40.2 r40.1	P41.6 P40.7 P40.1
Nondurable goods	3.1 39.8 38.9 39.9	39.6 3.1 40.0 37.2 39.7	39.8 3.2 40.0 36.4 40.8	3.4 40.1 38.1 41.0	39.9 3.3 40.1 37.7 40.8	39.7 3.2 39.8 36.6 40.6	39.8 3.2 39.9 37.5 40.7	39.9 3.3 40.2 36.6 41.3	39.9 3.4 40.2 37.7 41.1	39.8 3.2 40.0 38.3 40.8	39.8 3.4 40.0 35.9 40.9	3.4 40.3 36.2 41.4	3.3 39.7 38.5 41.6	3.4 39.8 739.1 41.5	3.5 r39.9 r38.4 r41.6	P3.5 P39.9 P38.2 P41.8
products	36.4 43.1 37.9 41.9 43.7	36.4 43.1 37.8 41.9 43.0	36.8 43.3 37.9 41.9 43.2	36.8 43.5 38.1 42.0 43.6	36.7 43.6 38.0 41.9 43.5	36.3 43.5 38.0 41.8 43.7	36.5 43.5 38.0 41.9 43.8	36.9 43.0 38.0 41.9 43.6	36.5 43.2 38.0 42.0 43.4	36.5 43.1 37.8 41.9 44.0	36.6 43.2 37.9 41.9 43.5	36.5 43.5 38.0 42.1 44.3	36.7 43.0 38.0 42.0 43.4	736.7 43.0 38.0 742.2 743.7	r36.9 43.2 r38.0 r42.6 r43.7	P37.1 P43.2 P38.0 P42.5 P43.8
Rubber and plastics prod- ucts, nec ‡	41.7 36.8 39.4 38.5 29.8	41.1 37.2 39.5 38.4 29.4	41.3 37.6 39.4 38.4 29.3	42.0 37.9 39.5 38.4 29.2	41.4 37.1 39.4 38.5 29.3	41.0 36.0 39.5 38.4 29.3	41.3 36.3 39.6 38.5 29.3	41.1 36.3 39.2 38.5 29.2	41.2 36.7 39.2 38.4 29.2	41.3 37.7 39.1 38.3 29.1	40.5 37.0 39.2 38.3 29.2	41.2 36.7 39.1 38.4 29.2	41.6 36.8 38.9 38.2 29.2	41.4 736.8 39.1 38.4 729.1	741.7 737.1 39.3 738.3 729.2	p42.2 p37.9 p39.0 p38.2 p28.8
Finance, insurance, and real estate ‡do Servicesdo AGGREGATE EMPLOYEE-HOURS §	36.5 32.6	36.4 32.5	36.2 32.4	36.7 32.5	36.4 32.6	36.8 32.6	36.7 32.5	36.4 32.5	36.3 32.5	36.6 32.4	36.5 82.4	36.6 32.4	36.4 32.3	736.6 32.4	736.8 32.5	p36.5 p32.4
Seasonally Adjusted Employee-hours, wage & salary workers in non-	[															
agric establish, for 1 week in the month, seas adj. at annual rate	177.32 145.49 2.18 8.62 40.92 10.59 11.12	182,27 149,58 2,10 9,19 40,72 10,77 11,46	184.58 150.89 2.03 9.25 40.74 10.86 11.58	184.81 151.58 2.03 9.26 41.00 10.87 11.59	185.63 152.68 2.09 9.80 40.98 10.84 11.67	185.29 152.24 1.96 9.27 40.85 10.86 11.68	185.41 152.33 1.89 9.28 40.74 10.87 11.68	185.82 152.63 1.81 9.78 40.58 10.75 11.74	185.76 152.56 1.72 9.68 40.52 10.70 11.72	185.45 152.40 1.68 9.54 40.32 10.71 11.61	185.90 152.91 1.66 9.66 40.23 10.80 11.66	186.66 153.49 1.65 9.78 40.44 10.69 11.70	*186.95 *153.26 1.62 *9.82 40.38 *10.78 11.64	7187.42 7153.76 1.62 79.77 740.43 710.82 711.69	188.51 154.56 1.60 9.67 40.62 10.97 11.69	P188.52 P154.36 P1.61 P9.71 P40.81 P10.91 P11.62
Retail trade	25.64 10.80 35.62 31.83	26.54 11.28 37.51 32.69	26.79 11.45 38.20 33.69	26.75 11.65 38.41 32.23	27.05 11.61 38.65 32.96	27.15 11.78 38.69 33.05	27.22 11.81 38.84 33.08	27.12 11.82 39.03 33.18	27.17 11.83 39.22 33.20	27.22 11.99 39.32 33.05	27.31 12.04 39.56 32.99	27.88 12.14 39.70 33.17	727.34 712.09 739.58 733.70	727.41 712.20 39.82 733.65	27.61 12.31 40.09 33.95	P27.24 P12.29 P40.18 P34.15
Indexes of employee-hours (aggregate weekly): ♦ Private nonagric. payrolls, total1977=100 Goods-producingdo	112.3 98.8	115.4 98.8	116.4 98.9	116.8 99.3	117.8 100.6	117.5 98.8	117.4 98.5	117.8 99.4	117.7 98.8	117.3 98.0	117.9 98.1	118.4 98.9	7118.3 98.7	7118.6 798.5	r119.3 r98.9	<sup>p</sup> 119.0 <sup>p</sup> 99.2
Mining	110.9 116.6 94.8 94.1 95.8 119.8	106.6 125.4 93.3 92.7 94.3 124.5	103.4 126.2 93.3 92.2 95.1 126.0	102.8 126.4 94.0 92.7 95.8 126.5	104.5 134.1 93.9 92.6 95.9 127.3	99.3 126.3 93.5 92.1 95.5 127.8	95.0 126.6 93.3 91.7 95.7 127.8	90.2 133.7 93.2 91.5 95.8 127.9	85.3 132.6 92.9 91.0 95.7 128.2	83.4 130.3 92.4 90.3 95.6 128.0	83.7 132.2 92.2 89.9 95.7 128.9	83.0 134.0 92.9 90.7 96.1 129.2	81.2 134.2 92.7 90.5 96.0 129.2	782.1 7133.0 792.6 790.1 796.3 7129.7	781.5 7132.1 793.2 790.6 797.1 7130.5	P80.3 P132.7 P93.6 P91.0 P97.6 P129.9
utilitiesdo	105.0 114.0 112.2	107.1 117.9 115.9	107.7 118.9 116.8	108.1 119.1 116.5	107.9 119.9 117.8	108.0 119.8 118.3	108.2 120.1 118.4	106.8 120.6 118.1	106.8 120.2 118.5	104.3 119.0 118.4	106.7 119.8 119.1	105.7 120.2 119.3	7106.6 119.3 119.6	7107.3 7119.8 7119.7	7108.6 7119.6 120.3	p108.3 p119.0 p118.6
estatedo	124.6 132.1	129.9 138.9	131.9 141.4	133.5 142.3	133.3 143.2	135.4 143.7	135.6 143.5	135.4 144.2	135.8 144.8	137.6 145.2	137.8 145.9	139.1 146.4	138.7 146.0	139.7 146.8	7141.5 7147.9	p140.2 p148.2

5-12			SUR	VEY C	JF CU	KKEN	L BO	SINE	55						Januar	y 1987
Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in	Ant	nual	198	35						198	16			- T		
methodological notes are as shown in BUSINESS STATISTICS: 1984	1984	1985	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Мау	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	L	ABOR	FORCE	, EMPI	OYME	NT, AN	D EAR	NINGS	—Cont	inued						
HOURLY AND WEEKLY EARNINGS §	l															
Average hourly earnings per worker:  Not seasonally adjusted:													j	-	1	
Private nonagric. payrollsdollars.	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
Miningdo Constructiondo	11.63 12.13	11.98 12.31	12.07 12.28	12.27 12.47	12.24 12.34	12.32 12.35	12.35 12.22	12.43 12.29	12.44 12.33	12.50 12.31	12.46 12.31	12.51 12.39	12.52 12.54	712.51 12.62	712.57 712.59	P12.64
Manufacturingdododododo	9.19	9.53	9.63 9.23	9.74	9.70	9.70	9.72	9.70	9.71	9.70	9.74	9.68	9.73	9.72	79.77 79.36	p9.86
Durable goodsdo	8.82 9.74	9.16 10.10	10.22	9.31 10.34	9.31 10.27	9.33 10.29	9.33 10.30	9.33 10.28	9.34 10.28	9.32 10.26	9.35 10.27	9.27 10.22	9.31 10.30	79.31 10.28	10.33	p9.42 p10.44
Excluding overtimedo Lumber and wood productsdo	9.33 8.03	9.69 8.22	9.78 8.29	9.86 8.35	9.86 8.30	9.88 8.36	9.88 8.33	9.87 8.32	9.88 8.37	9.85 8.43	9.87 8.36	9.80 8.40	9.85 8.42	9.85 8.37	9.89 78.39	P9.96 P8.41
Furniture and fixturesdo	6.84 9.57	7.17 9.84	7.32 9.91	7.38 9.95	7.36 9.96	7.31 9.94	7.35 9.93	7.36 10.00	7.39 10.04	7.46 10.04	7.44 10.06	7.46 10.07	7.52 10.11	77.50 710.10	77.51 710.12	<sup>p</sup> 7.60 <sup>p</sup> 10.15
Stone, clay, and glass productsdo Primary metal industriesdo	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 productsdo Machinery, except electricaldo	9.40 9.96		9.76 10.48	9.91 10.55	9.85 10.50	9.85 10.53	9.88 10.58	9.84 10.55	9.85 10.55	9.88 10.55	9.84 10.57	9.82 10.57	9.87 10.58	79.86 710.56	79.93 710.59	p10.03 p10.68
Electric and electronic equipdo	9.04		9.61	9.68	9.60	9.60	9.62	9.62	9.64	9.61	9.68	9.67	9.73	79.72	79.74	₽9.87
Transportation equipmentdo	12.20		12.85	13.06	12.91	12.87	12.90	12.83	12.79	12.78	12.78	12.75	12.87	12.87	12.91	P13.05
Instruments and related productsdo	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	79.61	p9.69
Miscellaneous manufactur- ingdo	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	7.63	P7.71
Nondurable goodsdo	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	78.95	r9.00	₽9.05
Excluding overtimedo Food and kindred productsdo	8.06 8.39		8.43 8.61	8.50 8.71	8.52 8.72	8.53 8.71	8.54 8.74	8.55 8.75	8.56 8.78	8.56 8.74	8.63 8.75	8.55 8.65	8.56 8.65	8.58 78.68	r8.62 r8.78	P8.67 P8.85
Tobacco manufacturesdo	. 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	<sup>7</sup> 12.10	<sup>7</sup> 12.62	P13.04
Textile mill productsdo Apparel and other textile	6.46		6.79	6.83	6.85	6.83	6.86	6.87	6.88	6.87	6.90	6.99	7.05	77.04	77.07	P7.12
productsdo Paper and allied productsdo	5.55 10.41	5.73 10.82	5.75 10.97	5.80 11.07	5.82 11.02	5.79 10.99	5.80 11.03	5.81 11.05	5.78 11.12	5.79 11.15	5.76 11.31	5.79 11.17	5.87 11.20	5.82 711.20	5.83 711.18	P5.86
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	710.11	p10.12
Chemicals and allied productsdo Petroleum and coal productsdo	. 11.07 13.44	11.56 14.06	11.80 14.07	11.85 14.24	11.86 14.26	11.81 14.21	11.78 14.22	11.82 14.16	11.89 14.02	11.94 14.14	12.04 14.16	11.99 14.07	12.03 14.20	12.08 714.18	712.14 14.33	P12.19 P14.45
Rubber and plastics prod- ucts, necdo	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	78.76	r8.80	₽8.84
Leather and leather productsdo	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	75.99	p5.95
Transportation and public utilitiesdo Wholesale tradedo	11.12 8.89	11.40 9.16	11.59 9.23	11.61 9.33	5.86 11.59 9.28	11.64 9.36	11.62 9.33	11.55 9.29	11.54 9.29	11.57 9.32	11.61 9.30	11.61 9.32	11.70 9.37	711.68 79.35	′11.77 ′9.54	P11.76
Retail tradedo Finance, insurance, and real	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	76.06	₽6.02
estatedo	7.63 7.59	7.94 7.89	8.06	8.15	8.14 8.12	8.28 8.17	8.30	8.29	8.31	8.37	8.30	8.33	8.37	8.38 8.22	78.56 8.32	<sup>p</sup> 8.52 <sup>p</sup> 8.31
Servicesdo Seasonally adjusted:	1.58	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	8.82	70.01
Private nonagricultural payrollsdollarsdodo	8.32 11.58		8.65 (1)	8.70	8.68	8.71 (1)	8.73	8.72	8.73	8.74 (1)	8.73	8.77	78.76	8.80 (1)	*8.85	P8.84
Constructiondo	. 12.13	12.31	12.34	12.40	(1) 12.25	12.29	12.23	12.34	12.38	12,43	12.40	12.43	12.43	12.53	712.65	P12.63
Manufacturingdo Transportation and public utilitiesdo	. 9.19 . 11.12		9.63 11.52	9.68 11.56	9.65 11.56	9.68 11.62	9.70 11.65	9.68 11.58	9.72 11.62	9.71 11.63	9.73 11.62	9.76 11.62	9.74 11.64	9.77 711.67	79.77 711.70	*9.80 *11.70
Wholesale tradedo Retail tradedo	8.89 5.85	9.16	9.24 5.97	9.30 6.02	9.22 5.99	9.34 5.99	9.36 6.01	9.27 5.99	9.29 5.99	9.35 6.00	9.31 6.00	9.37 6.03	9.35 6.05	79.39 6.05	r9.55 r6.06	₽9.50 ₽6.04
Finance, insurance, and real	1	1 :											1			
estatedo Servicesdo	7.62 7.59	7.93 7.89	8.08 8.02	8.14 8.05	8.10 8.05	8.21 8.11	8.27 8.16	8.28 8.11	8.31 8.12	8.40 8.17	8.33 8.12	8.41 8.16	8.37 8.17	8.41 8.21	78.58 8.29	P8.50 P8.24
Indexes of avg. hourly earnings, seas. adj.: ◊																
Private nonfarm economy: Current dollars	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	170.9	p170.8
1977 dollars ‡	. 97.8 173.8		93.9 180.1	94.0 181.7	93.5 180.9	94.4 180.5	95.1 180.1	95.4 181.2	95.4 181.1	95.2 181.4	95.1 181.7	95.1 181.5	95.0 181.5	95.1 7181.4	795.4 7182.5	*95.1 *182.8
Constructiondo	. 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	153.9	p153.8
Manufacturingdo Transportation and public utilitiesdo	. 162.8 . 161.7	166.3	170.2 168.5	171.0 169.1	170.7 168.6	171.3 169.6	171.8 170.2	172.0 169.3	172.5 170.1	172.5 170.7	172.7 170.3	172.9 170.1	172.8 170.8	173.1 170.9	7173.1 7171.4	P173.7 P171.6
Wholesale trade ##	. 164.4 153.2	169.0 155.6	170.3 156.6	172.2 157.5	171.1 157.0	172.4 157.3	171.9 157.4	171.3 157.3	171.4 157.2	172.0 157.8	171.4 157.7	171.7 158.5	172.8 159.1	7172.6 159.1	7175.8 7159.3	P175.7
Finance, insurance, and real estate ‡do	1.	171.8		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
Servicesdo	. 161.8		174.3 170.9	171.6	171.7	173.1	174.0	173.1	173.4	174.3	173.4	174.3	174.4	175.3	176.7	P175.9
Hourly wages, not seasonally adjusted: Construction wages, 20 cities (ENR): §§	Į.															
Common labor	. 15.71 20.66			16.05 20.97	16.05 21.02		16.10 21.14	16.12 21.20	16.19 21.21	16.33 21.44	16.57 21.65	16.57 21.69	16.58 21.76	16.60 21.75		16.65 21.80
Railroad wages (average, class I)do	13.33			13.97	13.67	13.91	13.77	13.59			13.82			r13.84		
Avg. weekly earnings per worker, private nonfarm: ◊		•			İ										'	
Current dollars, seasonally adjusted	. 292.86 . 172.78	299.09	301.02	303.63	303.80	303.98		303.46		303.28	302.93 170.57	305.20		305.36	7307.98	*305.86
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
Private nonfarm, totaldollars	. 292.86 503.58	299.09	301.37	306.59 597.49	302.58 548.46	300.66 522.37	302.93 522.41	301.71 522.06	302.58 519.99	303.98 525.00	304.15	305.37 520 17	306.59 529.60	7305.71 7527.92	7307.44 7524.17	P308.87
Miningdodododododo	. 458.51	464.09	521.42 450.68	537.43 460.14	543.46 459.05	434.72	444.81	522.06 462.10	519.99 467.31	525.00 465.32	518.34 471.47	529.17 475.78	482.79	479.56	7460.79	P470.27
Manufacturingdodododododododododododo	. 374.03 . 403.24	385.97 416.12	393.87 424.13	406.16 439.45	394.79 425.18	390.91 421.89	395.60 426.42	392.85 423.54	394,28 423,54	395.76 424.76	391.55 417.99	393.98 420.04	398.93 428.48	396.58 424.56	7400.57 7429.73	P411.16
Nondurable goodsdo Transportation and public	. 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	7358.00	r362.70	°368.34
utilitiesdo	438.13			460.92	452.01	456.29	457.83	450.45	450.06	455.86	457.43	457.43	457.47	7456.69		*460.99
Wholesale tradedododododododododododododo	. 342.27 . 174.38		355.36 173.73	360.14 178.50	355.42 173.06	355.68 172.74	357.34 174.27	355.81 173.69	356.74 174.60	358.82 176.71	358.05 178.50	358.82 178.50	358.87 176.66	7359.04 7175.16	r366.34 r175.74	P366.34 P176.99
Finance, insurance, and real estatedo	278.50	ļ.		299.11	296.30	304.70		301.76	301.65	306.34	302.95	304.88		r306.71	7315.01	P310.98
Servicesdo	247.48	256.43		263.90	263.09	264.71	265.03	263.09	262.44	264.06	263.71	264.04		266.33	269.57	P269.24
EMPLOYMENT COST INDEX 6	1	1	l	100.0	[		190.0	-		191 "			199.0	ĺ		1990
Civilian workers †	I			129.2			130.6		·····	131.5				<b></b>		133.8
White-collar workersdodododo		·		131.6 124.9			133.1 126.2			134.2 126.8		<u> </u>	. 136.0 127.8		ļ	136.9 128.4
Service workersdo				131.8			133.1			133.7		ļ				136.6
Workers, by industry division Manufacturingdo		ļ	<b></b>	126.0		ļ	127.7		ļ	128.7	ļ	ļ	129.3		<b></b>	130.1
Nonmanufacturingdo		<b></b>	·····	130.6 137.1		<u> </u>	131.9 138.8		<u> </u>	132.8 139.4		<u> </u>	. 134.6 142.4		<b></b>	135.4 143.6
Public administrationdo		-		134.8	[	Į	136.8		ļ	138.0		ļ	140.6		ļ	141.6
HELP-WANTED ADVERTISING Seasonally adjusted index1967=100	131	139	144	145	143	142	138	132	128	141	140	134	135	141	1.40	
		199	144	140	148	142	138	152	128	1. 141	140	154	199	141	146	
See footnotes at end of tables.																

January 1987			SURV	/EY C	F CU.	RREN	T BU	SINES	SS							S-13
Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in Business Stratistics: 1984	Ann 1984	uai 1985	198 Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oet.	Nov.	Dec.
	I.,	A BOR 1	FORCE	EMPI	OVME	NT AN	D EAR	NINGS.	Conti	hound						
		ADOL	Oltob	, 15/411		111, 111	DEAR	MINGS	Conti	Tucu						
WORK STOPPAGES Work stoppages involving 1,000 or more workers:							1									
Number of stoppages:	co										10	10	اء	ا _		
Beginning in month or year number  Workers involved in stoppages:	62	54	8	2	4.	. 3	3	4	ь	11	13	10	5	ð	2	
Beginning in month or year thous  Days idle during month or yeardo	376 28,499	324 27,079	26 688	662	170	24 309	12 390	7 321	29 314	198 3,684	46 894	113 1,612	32 1,191	44 1,412	941	939
UNEMPLOYMENT INSURANCE	-,	.,					1			,,,,,,		_,	,	1		
Unemployment insurance programs: Insured unemployment, all programs, average									1							
weekly #@thous State programs (excluding extended duration	2,565	2,662	2,441	2,884	3,370	3,295	3,144	2,799	2,556							
provisions):	40.000	00.010	4.04.0		2.121	4	4 700									}
Initial claimsthous Insured unemployment, avg.	19,632	20,840	1,816	2,238	2,464	1,587	1,509	1,574	1,391			*************				
weeklydo Percent of covered employment: @@	2,480	2,580	2,355	2,795	3,262	3,194	3,048	2,711	2,479	2,379						
UnadjustedSeasonally adjusted	2.9	2.9	2.7 2.9	3.0 2.8	3.5	3.4 2.8	3.3 2.9	2.9 2.8	2.7 2.9	2.5 2.9						
Beneficiaries, average weeklythous	2,148	2,269	1,913	2,385	2.8 2,839	2,868 1,491	2.836	2,563 1,469	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 weeklythous	24	25	23	24	27	26	25	22	20	20		l				
Veterans' program (UCX): Initial claimsdo	158	148	13	13	· 14	11	12	12	12	13						
insured unemployment, avg.	21	20	22	22	23	21	20	19	18	19						
Beneficiaries, average weeklydo Benefits paidmil. \$	19 135.1	18 130.2	19 11.8	24 12.6	21 13.8	20 11.4	19 11.2	17 11.1	15 9.9	16 10.0						
Railroad program:		150.2				11.4	11.2	11.1	v.v	10.0						
Applicationsthous  Insured unemployment, avg.	100		8	11	12											
weeklydo Benefits paidmil. \$	28 148.0	25	27	31	41	38	35	30	22	16						
	140.0				EIN	IANCE										
					FIL	IAITCE	-					-			. "	
BANKING Open market paper outstanding, end of period:														·		i
Bankers' acceptancesmil. 5	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, totaldo	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 companiesdo Dealer placeddo	166,776 57,191	213,739 79,596	206,507 73,127	213,739 79,596	212,097 79,359	213,590 79,439	218,742 83,823	221,789 85,106	230,276 88,540	234,938 90,463	232,718 88,537	239,498 92,146	243,295 96,458	244,066 96,470	243,300 94,829	
Directly placeddo Nonfinancial companiesdo	109,585 64,984	134,143 80,170	133,380 85,516	134,143 80,170	132,738 85,607	134,151 83,833	134,919 80,143	136,683 78,520	141,736 80,088	144,475 79,660	144,181 81,258	147,352 83,150	146,837 83,672	147,596 85,889	148,471 83,236	
	04,504	00,110	09,510	60,110	00,001	00,000	00,140	10,020	00,000	13,000	01,200	00,100	00,012	00,000	00,200	
Agricultural loans and discounts outstanding of agencies supervised by the Farm Credit Adm.: Total, end of periodmil. \$	78,003				•		1	-								
Farm mortgage loans: Federal land banksdo	50,714	•			***************************************											
Loans to cooperativesdo	8,760															
Other loans and discountsdo Federal Reserve banks, condition, end of period:	18,528										•••••				•••••	
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 loansdododo	3,577 160,850	8,060	1,602 169,168	3,060 181,327	827 178,992	661 176,536	818	954 181,834	850 181,992	952 183,849	737	913	879 190,751	806 189,995	557 196,293	1,565 211,316
Gold certificate accountdo	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 #	208,523	237,572	217,182 27,062	237,572	228,512	224,550	226,838	235,015	229,691	231,206	232,409 35,179	234,762 36,364	245,900 45,313	239,359 40,239	243,334 41,475	267,359 56,899
Member-bank reserve balancesdo	28,252 21,818	39,503 28,631	23,830	39,503 28,631	40,441 23,480	35,063 29,324	37,593 30,782	41,733 29,416	38,083 31,329	35,887 31,940	30,275	34,570	36,794	36,966	38,296	48,107
Federal Reserve notes in circu- lationdo	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, totalmil. \$	<sup>1</sup> 40,696	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	r56,399	59,569
Required do Excess do	439,843 4853	147,085 11,058	45,454 928	47,085 1,058	46,949 1,111	45,555 1,097	46,378 896	48,081 801	47,581 838	49,007 931	50,118 910	50,538 740	52,463 726	53,877 746	755,421 7978	58,192 1,377
Borrowings from Federal Reserve banksdo	<sup>1</sup> 3,186	<sup>1</sup> 1,318	1,741	1,318	770	884	761	- 893	876	803	741	872	1,008	841	752	827
Free reservesdo	-2,220	1-204	-706	-204	377	269	203	- 893 -19	56	236	285		-145		7296	588
Large commercial banks reporting to Federal Reserve System: ‡	1				1				İ			1	,			
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	172,700				146,856	'							159,969	163,666	1	223,165
corporations ‡‡do States and political subdivisionsdo	6,219	5,748	160,610 5,346	164,788 5,748	4,807	5,194	152,583 5,012	167,022 6,072	166,909 5,051	158,886 5,854	165,772 5,101	163,752 5,314	5,111	4,907	5,720	6,994
U.S. Government	1,160 26,297		2,907 26,530	2,068 29,131			2,520 23,024	4,754 24,601	1,861 27,045	1,896 23,968	2,834 25,077	2,583 24,502	2,979 24,267	2,563 24,297	2,751 27,935	1,840 34,335
Transaction balances other than demand												i			53.312	60,082
deposits *do Nontransaction balances, total *do	36,226 456,258		40,584 479,747	41,799 482,622			43,198 494,275	44,323 490,165	44,433 492,205	45,133 492,320		47,933 499,034	48,662 499,451	50,499 498,662		
Individuals, partnerships, and corporationsdo	422,480	1	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 industrialdo For purchasing and carrying	251,957	i	254,986		l .		258,894	260,964	258,072	259,807	256,816	ŀ				1
securitiesdo To nonbank depository and other	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
financialdo	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	26,984 200,283	26,414 202,831	28,463
Real estate loansdod	158,428 29,210	33,257	177,880 31,886	33,257	181,825 36,954	36,800	185,250 36,640	36,416	189,826 36,216	191,371 36,371	36,005	196,606 36,335	36,269	35,472	35,320	34,539
Other loansdo	175,970	202,270	196,236	202,270	202,939	204,178	204,414	207,767	206,329	205,600		205,756	210,896	211,096		221,391 187,583
U.S. Treasury and Govt. agency securities,	127,885				162,240	1	159,009	· 1	160,763	161,948	172,634	176,920		180,155	1	
total ♦do Investment account ♦do	78,539 64,697	69,647	70,549	85,422 69,647	69,152	71,608	70,193	71,031	92,761 72,031	93,681 73,507	103,278 80,689	81,938	82,108	107,951 87,881	92,428	93,891
Other securities \( \chido \	49,346		58,412	67,888	75,134			69,268	68,002		69,356		76,351	72,204	72,057	72,209
See footnotes at end of tables.	-		•		-											•

S-14			SURV	VEY C	F CU	RREN	T BU	SINE	SS						Januai	y 1987
Unless otherwise stated in footnotes	Ann	ual	198	35						198	36					
below, data through 1984 and methodological notes are as shown in Units	1984	1985	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Business Statistics: 1984	1304	1300	1407.	Dec.	Jan.	ren.	mai.	Арі.	May	June	July	Aug.	верь.		1101.	
				FI	NANCE	-Cont	inued									
DANKING C														Ī		
BANKING—Continued Commercial bank credit, seas. adj.: §						-										
Total loans and securities \( \)bil. \\$	1,722.6		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	72,029.6	72,034.0	2,049.0	
U.S. Treasury securitiesdo Other securitiesdo	260.9 142.1	273.1 177.6	276.0 163.3	273.1 177.6	268.2 192.5	273.6 188.1	269.5 183.3	270.0 182.1	274.1 181.9	274.8 183.6	285.4 186.1	290.9 192.3	7294.3 7200.7	7299.6 7196.7	304.8 194.8	
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	1,534.7	1,537.7	1,549.5	
Money and interest rates: Prime rate charged by banks on								.	1		-			1		
short-term business loanspercent.	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	0.00	1.09	1.50	7.50	1.50	7.50	1.10	0.00	0.50	0.50	0.10	0.02	5.50	5.50	5.50	0.00
loansdo	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):	]							İ			]	. 1				
New home purchase (U.S. avg.)percent. Existing home purchase(U.S. avg.)do	<sup>2</sup> 11.88 <sup>2</sup> 12.00	<sup>2</sup> 11.09 <sup>2</sup> 11.18	10.55 10.80	10.47 10.70	10.40	10.21	10.04	9.87 10.00	9.84 9.80	9.74 9.83	9.89 9.88	9.84 9.88	9.74 9.71	9.57 9.59	r9.45 r9.48	9.28 9.29
Open market rates, New York City:	-12.00	-11.10	10.80	10.70	10.40	10.46	10.24	10.00	9.00	9.00	9.00	3.00	3.11	5.55	9.40	9.49
Bankers' acceptances, 90 daysdo Commercial paper, 6-month ‡do	10.14	7.92 8.01	7.70	7.65 7.62	$7.62 \\ 7.62$	7.54 7.54	7.09	6.48 6.47	6.54 6.53	6.60	6.23 6.24	5.80 5.83	5.60 5.61	5.58 5.61	5.67 5.69	5.96 5.88
Finance co. paper placed di-	. 10.16		7.69			i	7.08		i	6.63				1		
rectly, 6-modo Yield on U.S. Gov. securities (taxable):	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
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 †	1	]		,					ļ					. }	i e ,	
Not seasonally adjusted	460,822	543,223	590 900	549 000	544 105	E49 E0F	E4E 000	550,943	559 400	566 410	579 111	579,196	588,284	<sup>7</sup> 594,084	507 540	
Total outstanding (end of period) #mil. \$.  By major holder:	1 '		530,388	543,223	544,105	543,585	545,082		558,400	566,412	573,111	· '				
Commercial banksdo Finance companiesdo	. 211,606 96,747	243,713 120,842	238,220 119,632	243,713 120,842	244,409 122,878	243,619 124,245	243,136 125,511	245,990 127,060 77,277	246,967 130,271	249,313 134,735	251,091 137,863	252,916 140,276	254,914 146,709	<sup>7</sup> 256,105 148,695	258,078 147,887	
Credit unionsdo	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	783,235	84,400 40,930	
Retailersdo Savings institutions *do	. 40,773 40,311	43,071 55,567	39,267 54,445	43,071 55,567	41,147 55,823	39,558 56,613	39,258 57,300	39,093 57,950	39,493 60,230	39,445 60,457	39,295 61,201	39,519 61,709	39,515 61,552	39,859 62,818	63,005	
Seasonally adjusted																
Total outstanding (end of period) #do  By major holder:			528,621	535,098	542,753	547,852	550,939	555,810	562,267	567,652	573,216	576,610	584,334	7591,542	595,560	
Commercial banksdo	<b>.</b>		238,620	240,796	243,256	244,761	245,172	247,498	248,681	249,753	251,197	251,909	253,328	7255,805	258,696	
Finance companiesdo Credit unionsdo			118,356 74,117	120,095 75,127	123,717 75,810	126,001 76,430	127,422 76,952	128,728 77,957	131,172 78,474	134,933 79,094	137,197 80,130	138,938 80,622	144,559 81,373	r82,500	146,218 83,787	
Retailersdo Savings institutions *do	<del> </del>		39,039 54,307	39,187 55,555	39,416 56,290	39,497 57,048	39,844 57,573	39,826 58,024	40,139 60,248	40,076 60,352	40,251 61,052	40,351 61,420	40,445 61,331	40,641 62,413	40,716 62,867	
By major credit type:	1				·					· ·						
Automobiledodo	·		203,766 117,050	206,482 118,296	210,661 119,682	213,343 120,723	214,361 122,131	215,814 123,442	218,965 124,545	222,606 124,721	226,235 125,577	228,813 125,915	236,279 126,012	r240,548 r126,514	241,392 128,102	
Mobile homedo	• • • • • • • • • • • • • • • • • • • •		25,315	25,461	25,371	25,573	25,584	25,513	25,561	25,480	25,398	25,215	24,958	<sup>r</sup> 24,994	25,029	
Total net change (during period) #do By major holder:			5,643	6,477	7,655	5,099	3,087	4,871	6,457	5,386	5,564	3,393	7,724	77,208	4,018	
Commercial banksdo			3,256 791	2,176	2,460	1,505	411	2,326	1,183	1,072	1,445	711	1,421	<sup>7</sup> 2,476	2,891	
Finance companiesdo Credit unionsdo		L	643	1,739 1,010	3,622 683	2,284 621 80	1,421 522	1,306 1,004	2,444 517	3,761 621	2,264 1,036	1,741 492	5,621 752	2,302 r1,126	1,287	
Retailersdodododododododo	••••••	ļ	149 798	148 1,248	229 735	80 758	347 526	-18 451	313 2,223	63 105	175 699		94 -90	196 '1,082	75 454	
By major credit type:	1	Į.			,,,,											
Automobiledododo	••••••		1,772 1,832	2,716 1,246	4,179 1,386	2,682 1,042	1,019 1,407	1,453 1,311	3,151 1,103	3,642 175	3,628 857	2,579 338	7,466 97	74,268 7502	844 1,588	
Mobile homedo			-5	146	-90	202	ii	-71	48	-81	-81	-183	-257	737	35	
FEDERAL GOVERNMENT FINANCE Budget receipts and outlays:																
Receipts (net)mil. \$.	. 1666,457	1734,057	751,166	r68,196	76,710	53,370	49,557	91,438	46,246	77,024	62,974	56,528	78,013	59,012	52,967	78,035
Outlays (net)do Budget surplus or deficit (—)do	. 4841,800 - 175,342	1945,987 1 — 211,931	784,551 -33,386	782,853 -14,656	83,201 -6,492	77,950 24,580	$79,700 \\ -30,142$	81,510 9,928	85,642 39,396	78,034 -1,011	85,203 22,229	84,434 -27,911	81,750 -3,737	84,267 25,255	79,973 -27,006	90,112 -12,077
Budget financing, totaldo	. 185,339	2211.931	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 publicdododo	. 170,817 14,522		45,863 -12,477	33,261 -18,605	12,660 -6,168	16,010 8,570	8,441 21,701		17,960 21,436	18,500 -17,489	14,980 7,249	20,278 7,633	22,188 -18,451	5,986 19,319	$  40,352 \\ -13,346$	22,824 10,747
Gross amount of debt outstandingdo	. 1,576,748	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 publicdo Budget receipts by source and outlays by	1,312,589	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	1,728,414	1,745,602	1,791,538	1,791,889	1,814,714
agency:	1000 450	1794 057	rE1 100	100 100	70.710	E0 0574	40 555	01.400	40.040	77 00 t	60.054	E0 200	70 010	50.010	50 0 <i>0</i> 7	78,035
Receipts (net), total	. 1666,457 . 1295,955	1334,560	r23,406	730,200	76,710 41,130	53,370 25,376	49,557 12,572	91,438 45,120	9,820	77,024 36,412	62,974 31,438	25,764	78,013 37,125	31,123	52,967 24,122	33,584
Corporation income taxes (net)do Social insurance taxes and contributions	156,893	<sup>1</sup> 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
(net) mil. \$ Other dodo	. 1241,902	<sup>1</sup> 265,163 <sup>1</sup> 73,003	20,145	19,656	26,002	22,040	22,785	31,756	28,745	24,399	21,564	23,738	23,507	21,179 6,170	21,751 5,345	22,267 6,492
Outlays, total #do	. <sup>1</sup> 71,706	1945,987		76,053 782,853	6,752 83,201	5,335 77,950	6,089 79,700	5,847 81,510	6,233 85,642	5,546 78,034	6,598 85,203		5,933 81,750		79,973	90,112
Agriculture Departmentdo Defense Department, militarydo	<sup>1</sup> 37,426 <sup>1</sup> 220,838	155,523	r6,403	*4,927	5,697 20,249	3,546	4,114	5,763	5,444	3,749	4,536 23,034	3,290	5,758 23,288	5,733	5.178	5,985
Health and Human Services	1		<sup>7</sup> 21,610			20,659	23,370		23,105	21,842					l	
Departmentmil. \$ Treasury Departmentdodo	<sup>1</sup> 292,313		727,177 713,729	<sup>7</sup> 26,628 <sup>7</sup> 24,232	28,085 13,921	27,281 13,622	26,636 12,305		28,441 13,651	29,431 24,517	28,985 12,641		26,890 9,721	29,905 7,965	26,552 13,910	30,390 25,557
National Aeronautics and						-										
Space Admdodo Veterans Administrationdo	<sup>1</sup> 7,048		7602 3,296	750 2,407	572 2,070	687 2,321	380 1,072	632 2,332	614 3,449	456 912	513 2,361		728 822	625 3,484	626 790	746 3,645
GOLD AND SILVER:	1				]	_,===		,	-,					,===	]	/===
Gold: Monetary stock, U.S. (end of		1		l .	[										1	[
period)mil. \$ Price at New York ‡‡dol. per troy oz	11,096 360.287					11,090 339.332	11,090 345.420		11,085 342.457	11,084 342.788	11,084 348.850		11,084		11,084 398.806	
Silver:	500.281	911.299	020.400	022.420	040.431		040.420	040,002	J44.401	044.100	940.000	919.602	419.014	479.011	550.000	001.220
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.	•		•	•	•	'			'	•	'		'		1	1

January 1901				<del></del>	JF CU	RREI	II DU	DIME	30							2-10
Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in Business Statistics: 1984	1984	1985	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	86 July	Aug.	Sept.	Oct.	Nov.	Dec.
				FI	NANCE	E—Cont	inued					· · · · · · · · · · · · · · · · · · ·	-			
MONETARY STATISTICS Currency in circulation (end of period)bil. \$ Money stock measures and components (averages	183.8	197.5		197.5			193.2			199.3			200.6			
of daily figures): †  Measures (not seasonally adjusted): ‡  M1	544.5 2,277.7 2,847.8 3,365.1	594.0 2,484.5 3,104.4 3,685.1	621.7 2,549.7 3,184.7 3,803.2	639.9 2,574.7 3,213.9 3,845.7	633.5 2,578.7 3,232.2 3,867.4	619.2 2,570.9 3,233.4 3,873.6	630.5 2,594.5 3,262.9 73,899.3	652.9 2,631.8 3,300.2 73,928.7	651.8 2,640.7 3,308.6 73,937.7	669.2 2,673.0 3,339.7 73,973.7	679.8 2,704.6 3,372.7 74,003.6	684.6 2,719.2 73,395.5 74,027.5	690.7 2,731.5 3,418.2 4,054.2	698.4 r2,759.2 r3,440.2 r4,077.8	7715.0 72,779.3 73,464.8 4,114.7	746.0 2,814.9 3,503.3
Components (not seasonally adjusted):	154.3 245.9 139.2	165.0 259.4 163.8	170.7 269.0 176.4	173.1 281.3 180.1	170.5 275.1 182.4	170.6 262.0 181.0	172.3 267.1 185.3	173.6 278.7 194.7	175.8 276.7 193.4	177.4 285.6 199.6	179.1 290.0 203.5	179.9 289.0 208.5	7179.5 290.8 213.5	180.9 292.5 218.5	183.2 299.6 226.0	186.1 318.9 235.0
Alars \( \rightarrow \)	56.7 150.4 396.8 297.5 838.9 378.8	63.3 175.7 480.1 295.8 883.7 424.3	66.4 176.8 509.5 303.3 880.7 435.3	70.3 176.5 512.0 301.8 882.5 438.7	68.9 177.7 515.7 302.7 889.1 447.6	68.5 181.0 516.3 302.7 891.7 451.1	67.6 186.2 520.5 306.5 891.8 450.9	68.6 191.4 525.2 312.9 889.6 447.7	69.2 193.2 530.8 319.9 884.7 445.2	66.5 197.3 540.4 327.0 881.6 443.0	71.9 199.7 546.1 333.8 882.6 443.8	74.6 200.5 553.1 337.0 878.5 448.3	772.7 202.2 558.3 343.2 873.6 449.2	777.2 7206.9 563.8 354.8 867.3 7446.1	75.8 7207.0 568.1 7363.0 7859.6 7445.4	75.7 207.2 570.7 369.4 855.0 446.5
Measures (seasonally adjusted): ‡  M1			620.1 2,551.4 3,181.3 3,800.5	626.6 2,566.5 3,201.2 3,839.5	627.2 2,569.9 3,224.5 3,862.2	631.0 2,577.7 3,241.5 r3,881.3	638.4 2,592.4 3,262.6 73,895.1	646.1 2,622.2 3,293.7 73,918.6	658.7 2,649.7 3,315.4 73,951.0	666.8 2,670.8 3,339.0 73,973.5	676.0 2,699.2 3,375.1 4,003.5	687.6 2,724.3 73,400.8	7693.2 2,740.8 3,425.5 74,059.3	701.2 r2,765.2 r3,444.2 r4,082.0	7713.5 72,781.4 73,461.2 4,111.8	730.4 2,804.7 3,488.1
Currency do  Currency do  Demand deposits do  Other checkable deposits # do  Savings deposits  do  Savings deposits @ do  Large time deposits @ do  do  do  do  Savings deposits  do  do  do  do  do  do  do  do  do  do  do  do  do  do  do  do  do			169.8 267.8 176.7 303.7 876.0 432.9	170.6 271.5 178.6 303.6 880.3 436.5	171.9 268.9 180.5 304.0 885.9 447.9	172.9 269.2 183.1 304.9 891.0 451.3	173.9 273.2 185.3 306.9 894.7 450.5	174.4 275.7 189.9 311.4 895.9 452.1	175.8 281.6 195.1 318.5 891.2 446.4	176.7 284.9 199.0 325.0 885.6 445.1	177.5 288.3 203.8 331.2 883.7 445.9	179.0 291.8 210.4 337.6 877.2 7448.1	179.7 292.2 214.8 344.4 871.3 447.2	181.2 293.2 220.4 353.8 861.8 443.0	182.2 298.4 226.4 7363.3 7854.9 7442.9	183.5 307.8 232.7 371.5 852.4 444.3
PROFITS AND DIVIDENDS (QTRLY.)  Manufacturing corps. (Bureau of the Census):  Net profit after taxes, all industries	107,648 9,760	87,648 12,798		20,146 3,626			r19,669 2,720			r27,090 3,387			18,865 3,319			
Textile mill products	1,635 3,015 13,883 17,154 1,870 —84	1,200 2,880 9,542 12,739 1,627 -1,000		466 695 771 3,276 432 -545			426 589 3,114 72,698 200 169			525 922 3,737 4,220 699 259			824 3,861 348 688 161			
Primary iron and steel	-379 4,646 11,963	-1,349 3,388 9,676		-409 574 3,105			-350 919 1,386			-398 1,168 2,205			780 1,662			
Electrical machinery, equipment, and supplies	8,616 4,117 10,575	6,886 3,594 9,087		1,515 491 2,667			71,694 1,103 2,489			72,324 1,173 2,891			1,058			
All other manufacturing in- dustries	20,877 45,102	16,580 45,517		3,482 11,756			<sup>7</sup> 2,512	ļ		73,978 10,927			5,066 12,111			
Securities and Exchange Commission:  Estimated gross proceeds, total mil. \$  By type of security:  Bonds and notes, corporatedo	89,247 59,483	131,539 85,828	13,194 10,098	19,137 15,118	13,354 8,120	17,773 12,413	24,688 16,234	23,976 19,205	14,095 8,303	26,155 20,731	13,248 8,967	13,344	79,561 75,667	10,195		
Common stock         .do           Preferred stock         .do           By type of issuer:         corporate, total #           Manufacturing         .do	22,151 4,219 85,853 14,467	35,646 6,224 127,698 25,558	1,864 782 12,744 3,220	3,420 450 18,988 3,108	3,869 570 12,559 1,853	3,413 1,947 17,773 3,610	6,816 772 23,822 4,222	3,772 751 23,728 4,610	4,839 803 13,945 2,794	4,211 1,213 26,155 4,770	3,406 726 13,098 2,524		79,561	5,302 727 16,224 1,816		
Extractive (mining)do Public utilitydo Transportationdo Communicationdo Financial and real estatedo	5,522 7,523 1,638 2,018 45,150	4,499 9,914 4,036 3,854	541 1,308 146 885 5,777	467 831 325 580 12,422	257 685 576 831 7,375	147 2,431 601 1,928 8,008	321 2,491 660 1,660	214 2,596 782 1,937	827 1,925 432 411 5,521	281 2,324 154 861 15,164	548 1,366 209 352 5,528	131 2,003 57 1,208	428 71,302 28 334	218 1,753 728 437		
State and municipal issues (Bond Buyer): Long-term	101,882 31,068	203,954 19,492	31,648 450	54,439 640	1,654 721	8,116 546	7,636	11,913	13,262 278	11,746 4,452	21,442 4,891	25,101	6,960 542	r11,525	11,187 1,209	11,442 534
Margin credit at brokers, end of year or month mil. \$.  Free credit balances at brokers: Margin accounts do Cash accounts do	22,470 1,755 10,215	28,390 2,715 12,840	26,400 2,080 10,340	28,390 2,715 12,840	2,645	27,450 2,545 12,355	2,715	3,065	2,405	32,480 2,585 13,570	33,170 2,570 14,600	3,035	3,395	3,805		
Bonds Prices: Standard & Poor's Corporation, domestic municipal (15 bonds)dol. per \$100 bond Sales:	47.9		56.2			64.5			62.8			-			69.2	68.6
New York Stock Exchange, exclusive of some stopped sales, face value, total	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.	-		•	•	-			•								

S-16			SUR	VEY (	F CU	RREN	T BU	SINE	SS						Januar	y 1987
Unless otherwise stated in footnotes below, data through 1984 and	Anı	nual	19:	35						19	36					
methodological notes are as shown in Business Statistics: 1984	1984	1985	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
			-	FI	NANCE	E—Conf	inued									-
Bonds—Continued							, , , , , ,							<u>-</u>		
Yields:														21.		
Domestic corporate (Moody's)percent By rating:	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
Aaadododo	12.71 13.31	11.37 11.82	10.55 11.07	10.16 10.63	10.05 10.46	9.67 10.13	9.00 9.49	8.79 9.21	9.09 9.43	9.13 9.49	8.88 9.28	8.72 9.22	8.89 9.36	8.86 9.33	8.68 9.20	8.49 9.02
Ado Baado	13.74 14.19	12.28 12.72	11.54 11.99	11.19 11.58	11.04 11.44	10.67 11.11	10.15 10.49	9.83 10.19	9.94 10.29	9.96 10.34	9.76 10.16	9.64 10.18	9.73 10.20	9.72 10.24	9.51 10.07	9.41 9.97
By group: Industrialsdo	13.21	11.80	11.23	10.96	10.83	10.63	10.24	9.98	9.85 9.52	9.95	9.85	9.73	9.68	9.68	9.58	9.49
Public utilitiesdo Railroadsdo	<sup>1</sup> 14.03 13.07	12.29 11.94	11.33 11.35	10.82 11.18	10.66 10.86	10.16 10.58	9.33 10.05	9.02 9.78	9.52 9.58	9.51 9.72	9.19 9.73	9.15 9.69	9.42 9.57	9.68 9.39 9.65	9.15 9.56	8.96 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
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) Public utility (15 stocks)	1,178.48 131.77	1,328.23 157.58	1,432.88 163.98	1,517.02 169.56	1,534.86 173.44	1,652.73 180.93	1,757.35 186.35	1,807.05 188.34	1,801.80 183.48	1,867.70 189.33	1,809.92 202.28	1,843.45 210.95	1,813.47 205.35	1,817.04 201.41	1,883.65 210.14	1,924.07 210.82
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
Combined index (500 Stocks)1941-43=10 Industrial, total (400 Stocks) #do	160.46 181.26	186.84 207.79	197.45 219.44	207.26 230.29	208.19 230.37	219.37 241.91	232.33 256.25	237.98 263.89	238.46 266.38	245.30 274.55	240.18 266.17	245.00 270.23	238.27 263.62	237.36 263.09	245.09 272.79	248.61 276.69
Capital goods (105 Stocks)do Consumer goods (191 Stocks)do	171.84 150.87	188.75 184.52	196.54 200.75	210.81 212.60	211.67 211.38	223.60 226.76	229.34 248.55	232.60 260.51	231.79 265.98	236.16 279.47	223.40 283.70	226.20 280.30	229.12 263.60	219.49 262.82	227.85 272.91	234.51 272.63
Utilities (40 Stocks)do Transportation (20 Stocks) 1982=100	67.98 136.77	82.97 166.62	86.80 177.68	90.83 187.65	92.06 191.27	97.51 206.37	102.01 212.11	103.78 208.18	102.39 201.88	106.65 202.31	112.13 187.79	118.53 186.18	113.11 189.86	114.01 205.27	114.10 206.35	115.52 204.75
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)	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
1941-43=10 Banks outside NYC (10 Stocks)do Property-Casualty Insur-	63.82 95.21	85.44 101.62	89.85 99.55	97.89 104.47	100.70 103.95	100.33 106.60	118.69 118.90	125.26 120.46	123.55 120.82	124.21 121.92	119.89 115.83	122.42 116.52	115.88 112.04	110.91 110.12	110.79 113.60	115.90 112.15
ance (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	92.46 108.01	108.09 123.78	113.93 130.53	119.33 136.77	120.16 137.13	126.43 144.03	133.97 152.75	137.27 157.30	137.37 158.59	140.82 163.15	138.32 158.06	140.91 160.10	137.06 156.52	136.74 156.56	140.84 162.10	142.12 163.85
Transportation do Utility do	85.63 46.44	104.10 56.74	108.61 59.07	113.52 61.69	115.72 62.46	124.18 65.18	128.66 68.06	126.17 69.46	122.21 68.65	120.65 70.69	112.03 74.20	111.24 77.84	114.06 74.56	120.04 73.38	122.27 75.77	121.26 76.07
Financedodo	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
Composite (500 stocks)percent Industrials (400 stocks)do	4.64 4.05	4.25 3.76	4.06 3.59	3.88 3.44	3.90 3.47	3.72 3.32	3.50 3.13	3.43 3.05	3.42 3.02	3.36 2.95	3.43 3.04	3.36 2.99	3.43 3.04	3.49 3.08	3.40 2.99	
Utilities (40 stocks) do Transportation (20 stocks) do do do do do do do do do do do do do	9.48 3.22	8.12 2.86	7.84 2.65	7.45 2.55	7.42 2.52	7.11 2.35	6.78 2.26	6.68 2.39	6.81 2.38	6.60 2.38	6.28 2.56	5.97 2.59	6.14 2.54	6.37 2.45	6.19 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 8.07	
Preferred stocks, 10 high-grade do Sales:	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
Total on all registered exchanges (SEC): Market valueil. \$	959,235		108,183	131,583	119,804	128,234	156,551	162,274	137,337	127,537	147,992	130,677	<sup>7</sup> 147,892	144,985		
Shares soldmillions	30,451 822,714	37,031 1,023,179	3,327 92,545	4,002 111,908	3,635	3,772 109,681	4,466	4,500	3,757	3,609	4,040 126,761	73,738 111,220	74,108 127,758	4,036 121,600	••••••	
Shares sold (cleared or set- tled) millions	25,150	30,222	2,744	3,240	101,520 2,934	3,087	131,144 3,546	138,839 3,653	115,403 3,034	108,454 2,918	3,317	3,046	3,403	3,260		
New York Stock Exchange: Exclusive of odd-lot and stopped stock		,50,222	-,, -		`	3,001	3,040	3,000	3,004				3,200			
sales (sales effected)millions Shares listed, NYSE, end of period:	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
Market value, all listed sharesbil. \$  Number of shares listedmillions	1,586.10 49,092		1,874.53 52,175	1,950.33 52,427	1,959.17 53,259	2,094.86 52,734	2,204.12 53,259	2,165.55 53,407	2,260.99 54,251	2,289.30 56,106					2,266.61 59,062	
	-	-			ADE O							<u> </u>			•	
VALUE OF EXPORTS					Γ <u></u>				_ <del>-</del>					_		
Exports (mdse.), incl. reexports, total @mil. \$	917 999 1	213,146.1	17,720.5	16 004 9	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	18 504 6	
Excl. Dept. of Defense shipmentsdo	217,865.2	213,133.0	17,720.2	16,993.8	17,005.9	1 '	-,				17,707.2			19,328.1	18,593.3	
Seasonally adjusteddo By geographic regions:	0.000.0		17,975.5	17,023.9								~~~·				
Africadod	8,826.6 64,532.6	60,745.3	544.3 4,889.8		472.4 4,742.9	504.2 4,843.5	483.7 5,424.1	468.5 5,184.0	4,740.2	485.3 6,793.9	491.9 5,978.5		450.9 4,819.2	465.1 5,573.7	5.156.4	
Australia and Oceaniadododo	5,744.5 62,207.1	59,978.0	535.5 5,259.1	490.1 4,892.7	474.4 4,975.2		831.2 5,960.4	433.3 5,290.0		477.2 4,841.7	511.0 4,830.2			575.3 5,748.3	5,664.7	
Northern North Americadodo	46,526.2 18,632.6	19,991.2	3,695.9 1,839.7	1,525.9	3,999.3 1,517.1	1,553.0	3,659.2 1,673.5	4,058.1 1,632.6	3,780.9 1,767.0	3,857.6 1,574.0	1,594.4	1,549.9		4,176.1 1,662.0	3,911.2 1,576.7	
South Americado By leading countries:	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	
Africa: Egyptdodo	2,704.2		205.6	175.3	139.1	185.8	151.8	132.0	141.1	163.9	133.0	149.8		158.0	272.7	
Republic of South Africado Asia; Australia and Oceania:	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	
Australia, including New Guineado	4,845.8	5,481.1	470.3			467.1	688.8	370.0	462.2	408.3	425.9	463.3	443.3	505.2	551.5	
Japando	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.																

January 1501							T DO	OTTATE								D-1
Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in	Ann 1984	1985	198 Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	4	Sept.	Oct.	Nov.	Dec.
Business Statistics: 1984					OF THE						July	Aug.	зерс.	Ott.	1.07.	
· · · · · · · · · · · · · · · · · · ·		FURE	HON II	HDE (	)F 111E	UNITE	ID SIA	1100-0	onunu	eu						
VALUE OF EXPORTS—Continued Exports (mdse.), incl. reexports—Continued Europe:			:			-										
France mil. \$ German Democratic Republic do federal Republic of Germany do	6,036.7 136.9 9,083.6	6,095.7 72.3 9,050.0	550.5 19.5 790.8	508.1 12.8 680.1	548.2 6.0 768.4	743.0 .9 927.3	614.4 11.5 917.7	645.8 1.4 919.3	524.6 1.2 763.3	546.1 1.2 777.8	571.6 1.6 710.1	600.6 .9 859.0	638.0 5.3 821.3	644.9 .9 1,051.8	601.1 1.0 1,068.8	
Italydo Union of Soviet Socialist Republicsdo	4,374.9 3.283.9	4,625.2 2,422.8	371.6 292.1	388.1 203.1	390.2 139.2	405.2 271.8	432.1 171.6	392.9 184.4	414.3 74.9	478.9 90.1	320.4 55.1	343.2 66.5	361.0 40.8	425.8 62.0	461.4 44.2	
United Kingdomdo North and South America:	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	
Canadadodo Latin American Republics, total #dodo	46,524.3 26,301.7	47,251.1 27,849.8	3,695.7 2,405.8	3,275.0 2,390.3	3,999.1 2,083.9	3,786.0 2,134.4	3,659.2 2,282.9	4,057.3 2,256.9	3,780.9 2,476.7	3,857.5 2,389.4	3,172.4 2,472.6	3,094.7 2,452.8	4,119.4 2,314.9	4,175.9 2,497.1	3,911.1 2,349.7	
Brazil	2,639.7 11,992.1 3,377.2	3,139.6 13,634.7 3,399.4	268.4 1,214.1 255.6	452.4 1,017.4 321.0	274.2 1,023.2 219.3	255.8 1,064.8 234.1	246.9 1,029.4 263.2	242.1 1,100.9 254.0	263.9 1,121.0 322.4	301.6 1,060.7 279.2	336.2 1,039.1 298.4	441.0 1,009.6 244.3	412.5 964.9 234.5	388.1 1,087.1 248.2	370.4 945.8 279.4	
Exports of U.S. merchandise, total §do Excluding military grant-aiddodo Agricultural products, totaldo	212,057.1 212,034.2 37,813.9 174,243.2	206,925.3 206,912.2 29,241.5 177,683.8	17,226.8 17,226.5 2,786.0 14,440.8	16,478.7 16,478.2 2,642.2 13,836.5	16,501.2 16,500.9 2,535.8 13,965.4	2,445.4	18,349.2 18,347.1 2,399.6 15,949.6	17,376.0 17,375.3 2,120.4 15,255.5	16,690.7 16,690.4 1,859.9 14,830.8	16,426.5 16,426.0 1,682.9 14,743.6	1,703.3	16,830.8 16,827.8 1,885.3 14,945.6	16,860.4 16,859.8 1,915.1 14,945.4		17,895.0 17,893.7 2,512.1 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 tobaccododododododododododododo	2,849.4 20,248.9	2,958.2 16,939.5	380.0 1,457.1	364.3 1,463.8	166.9 1,557.1	228.3 1,582.7	273.7 1,638.9	252.4 1,542.0	226.0 1,404.6	204.3 1,119.5	196.2 1,040.3	209.5 1,275.7	207.0 1,238.3	228.1 1,557.2	339.5 1,642.2	
Mineral fuels, lubricants, etc. #do Oils and fats, animal and vege- tabledo	9,310.5 1,922.2	9,970.9 1,434.0	991.1 110.5	888.4 107.1	812.1 97.4	675.6 108.3	621.7 88.8	790.7 103.4	728.1 94.8	584.1 72.4	652.8 70.7	661.1 98.0	657.4 91.8	670.0 59.7	641.2 55.4	
Chemicalsdododododododododododo	22,336.3 15,139.9 89,972.7	21,758.7 14,008.9	1,642.5 1,095.5	1,642.7 994.9	1,719.2 1,122.9	1,875.5 1,116.9	2,000.8 1,196.7	1,857.6 1,169.5	1,934.1 1,199.6	1,844.6 1,083.9	1,801.5 1,073.1	2,049.7 1,179.0	1,942.0 1,189.0		1,897.4 1,259.1	
total	60,317.5 29,655.2 17,547.9	94,278.4 59,488.2 34,790.2 19,364.0	7,694.1 4,750.4 2,943.7 1,680.2	7,397.4 4,529.9 2,867.5 1,292.6	7,269.4 4,681.7 2,587.6 1,601.5	7,894.5 4,920.1 2,974.4 1,613.1	8,693.8 5,312.2 3,381.5 1,675.0	8,262.2 5,129.9 3,132.2 1,820.5	7,762.2 4,892.1 2,870.1 1,690.1	8,048.6 4,885.0 3,163.6 1,732.2	7,390.9 4,763.7 2,627.2 1,249.2	7,347.4 5,118.2 2,229.2 996.6	7,785.5 4,920.3 2,865.2 1,649.3	8,678.9 5,377.1 3,301.8 1,616.3	8,107.4 5,157.9 2,949.5 1,601.7	
VALUE OF IMPORTS General imports, totaldododo	325,725.7	345,275.5	30,010.4 30,285.1	30,728.0 32,887.6	32,005.2 (1)	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	
By geographic regions: Africadodododo	14,354.9 120,132.2	11,964.3 131,884.2	890.1 11,622.4	1,233.0 11,468.3	1,231.1 13,158.7	883.6 11,402.8	943.1 13,028.1	593.4 11,157.7	779.9 11,903.4	831.5 13,295.4	917.3 15,033.5	799.8 12,914.0	851.4 12,076.9	820.3 13,198.2	827.7 15,640.0	
Australia and Oceaniado	3,558.0 73,306.7 66,496.3	3,819.3 81,692.1 69,014.4	278.1 7,326.6 5,696.0	344.8 7,629.7 5,940.2	317.7 7,558.6 5,681.1	268.7 7,053.0 5,660.1	315.5 8,128.1 5,923.7	312.8 7,543.3 5,822.0	264.6 7,515.6 5,923.1	296.0 8,409.7 5,712.3	390.0 8,630.3 5,476.4	282.8 7,127.5 5,225.2	281.2 6,532.8 5,571.6	300.5 6,793.7 5,719.0	365.0 9,099.8 6,682.4	
Southern North Americado South Americado By leading countries:	26,833.7 21,043.0	25,969.5 20,931.6	2,166.2 2,030.9	2,361.1 1,750.9	2,136.8 1,921.1	2,035.8 1,591.4	2,065.1 1,568.1	1,852.3 1,480.2	2,250.3 1,635.5	1,724.3 1,494.4	2,146.4 1,526.7	1,756.9 1,369.4	1,851.7 1,529.7	1,728.4 1,458.0	2,055.6 1,516.4	
Africa: Egypt	169.5 2,487.7	79.2 2,070.8	3.0 176.9	2.9 170.3	3.2 236.3	3.2 191.9	3.0 210.7	3.4 145.4	4.2 175.1	4.4 175.9	19.8 228.2	5.0 156.4	27.0 216.6	12.5 199.8	11.5 177.0	
Australia, including New Guinea	2,702.8 57,135.0	2,870.4 68,782.9	220.1 6,042.6	268.1 6,221.6	240,4 6,901.6	193.9 5,860.6	224.4 7,185.4	237.9 6,333.2	191.3 6,439.1	177.4 7,240.1	273.7 8,101.9	188.0 6,694.4		222.5 6,995.6	277.4 8,392.1	
Francedodo German Democratic Republicdo Federal Republic of Germanydo	8,113.0 148.9 16,995.9	9,481.9 91.5 20,239.2	904.0 4.9 1,851.3	843.2 5.2 2,035.1	866.6 3.4 1,988.8	733.0 7.7 1,897.0	893.8 9.0 2,163.8	921.4 7.2 2,030.7	902.0 8.5 2,131.0	926.7 7.7 2,058.8	944.8 7.8 2,334.5	802.4 7.0 2,064.5	1,827.0	730.6 6.2 1,944.2	7.6 2,575.9	
Italydodo	7,984.5 554.2 14,491.6	9,673.7 408.6 14,937.3	896.5 31.3 1,331.4	839.9 30.1 1,346.7	960.0 23.0 1,273.0	823.6 41.9 1,234.4	937.8 29.1 1,288.5	805.7 22.0 1,219.9	798.2 27.1 1,232.1	902.5 198.0 1,519.1	1,067.5 31.6 1,289.2	989.1 42.1 1,127.3	706.5 47.9 1,241.6	796.9 25.4 1,098.6	50.5	
North and South America: Canadado	66,478.1				5,680.7	5,659.5		5,821.1	5,922.5		5,475.6	· .	'			
Latin         American         Republics, total #         do         do         do         do         do         Mexico         do          To a b d d d d d d d d d d d d d d d d d	42,340.6 7,621.0 18,020.0		3,920.9 608.2 1,647.1	3,888.0 579.3 1,786.3	3,762.3 631.2 1,501.1	3,347.3 581.6 1,474.4	3,411.8 517.5 1,487.7	3,170.5 596.7 1,376.9	3,675.1 664.4 1,707.2	3,037.4 564.4 1,237.9	3,501.8 599.4 1,667.0	2,934.6 530.1 1,249.7	3,207.5 518.6 1,381.3	3,037.1 539.9 1,311.3	513.7 1,525.1	
Venezuelado  By commodity groups and principal commodities:	6,542.8		696.9	601.5	664.7	394.1	504.4	382.2	391.2	416.0	383.6			364.8		
Agricultural products, total mil. \$.  Nonagricultural products, total do Food and live animals # do Beverages and tobacco do	19,765.5 305,960.3 17,972.8 3,653.4	325,271.0 18,649.3	1,590.6 28,419.7 1,521.6 343.1	1,868.9 28,859.1 1,788.5 349.7	2,043.6 29,961.6 1,889.6 325.7	1,778.1 27,117.3 1,646.5 261.5	1,861.2 30,110.3 1,799.2 300.8	1,779.5 26,982.1 1,721.8 296.2	2,045.8 28,226.5 1,982.9 346.1	1,601.5 30,162.2 1,586.4 299.2	1,789.5 32,331.2 1,826.8 316.4	27,866.7	27,059.6 1,653.3	1,619.9 28,398.1 1,578.4 356.3	34,317.6 1,918.0	
Crude materials, inedible, exc. fuels #do Mineral fuels, lubricants, etcdo Petroleum and productsdo	11,081.7 60,979.8 55,906.1	10,391.2	770.7 4,824.2 4,488.9	731.4 5,228.2 4,840.7	834.4 5,344.4 4,893.8	818.0 3,874.3 3,509.5	895.3 3,330.7 3,023.7	966.3 2,175.5 1,952.5	913.2 2,700.3 2,500.2	938.4 3,184.6 2,954.8	980.2 2,933.3 2,689.4	865.5 2,510.6	909.8 2.933.0	816.6 2,662.2 2,437.7	806.6 3,014.3	
Oils and fats, animal and vege- tabledo Chemicalsdo	696.0 13,697.4	672.2 14,532.8	61.8 1,255.5	51.7 1,166.0	55.5 1,280.3	48.7 1,249.1	57.6 1,362.3	34.0 1,275.2	45.8 1,228.5	40.4 1,236.2	49.0 1,359.5	36.8 1,188.3	31.2 1,153.2	35.2 1,106.2	44.6 1,353.7	
Manufactured goods #do  Machinery and transport equipmentdo Machinery, total #do	46,144.7 119,191.7 68,389.9	75,298.7	3,883.6 12,152.4 6,463.3	3,867.3 12,476.7 6,495.3	3,879.6 12,909.2 6,885.6		4,225.9 14,144.9 7,888.1	3,782.0 13,187.3 6,917.9	4,015.9 13,426.4 7,077.9		4,738.4 14,874.9 8,220.3	4,032.4 12,714.8 7,157.7	12,136.2 6,920.7	3,933.1 13,548.3 7,318.9	16,403.9 8,970.9	1
Transport equipmentdo  Motor vehicles and partsdo  See footnotes at end of tables.	50,801.8 45,412.2	61,964.8	5,689.2 5,264.6	5,981.4	6,023.7	5,610.7	6,256.7	6,269.3	6,348.6 5,660.3	6,676.2 6,088.7	6,654.6 6,023.3	5,557.1	5,215.5	6,229.4 5,708.9	7,433.1	

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Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in Business Statistics: 1984	Ann 1984	ual 1985	Nov.	BE Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
		FORE	IGN TI	RADE (	F THE	UNITE	ED STA	TES—(	Continu	ed						
								Ī			$\neg$					
Indexes   Exports (U.S. mdse., excl. military grant-aid):   Unit value	156.2 115.1 179.8	155.0 113.0 175.2	153.6 113.4 174.2	154.7 108.4 167.7	156.2 107.5 167.9	155.3 112.5 174.7	155.5 120.1 186.7	155.1 114.0 176.8	156.1 108.8 169.9	157.1 106.4 167.2	157.7 102.7 161.9	156.2 109.7 171.3	157.2 109.2 171.6	156.9 120.6 189.2	156.8 116.2 182.1	
General imports:  Unit value do do Quantity do Value do do do do do do do do do do do do do	163.5 136.7 223.5	159.4 148.6 236.9	161.0 153.4 247.1	162.0 156.2 253.0	160.2 164.5 263.5	158.0 150.6 237.9	153.9 171.0 263.3	152.6 155.2 236.8	152.5 163.4 249.2	152.4 171.7 261.6	153.0 183.7 281.0	152.0 159.7 242.7	151.6 155.8 236.3	156.3 158.2 247.2	156.5 190.4 298.0	
Shipping Weight and Value Waterborne trade: Exports (incl. reexports): Shipping weightthous. sh. tons Value	374,689 101,803	349,964 91,679	32,282 7,976	29,618 7,742	28,120 7,288	25,092 7,389	25,855 7,893	27,875 7,441	26,648 7,243							
General imports: Shipping weightthous. sh. tons Valuemil. \$	413,092 191,113		33,580 17,564	35,907 18,254	37,363 20,187	31,387 17,130	34,206 18,811	29,664 16,080	35,933 16,497							
	<u> </u>	<u> </u>		PORT	ATION			NICATI								
TRANSPORTATION Air Carriers																
Certificated route carriers:																
Passenger-miles (revenue)bil  Passenger-load factorpercent  Ton-miles (revenue), totalmil	305.12 59.2 38,697	<sup>1</sup> 335.90 61.4 <sup>1</sup> 41,252	24.32 54.3 3,139	28.26 59.1 3,512	26.36 °55.1 °3,289	24.54 °57.9 °3,113	30.93 64.2 3,844	28.74 60.3 3,595	30.16 58.7 3,751	32.09 62.1 3,932	35.60 64.3 4,318	38.08 69.2 4,571				
Operating revenues (quarterly) # §mil. \$ Passenger revenuesdo Cargo revenuesdo	44,060 37,035 12,875	39,175		11,354 9,451 745			11,649 9,172 1,300									
Mail revenuesdo Operating expenses (quarterly) §do	705 41,947	893 46,504		249 11,599			207 12,259	L								
Net income after taxes (quarterly) §do  Domestic operations: Passenger-miles (revenue)bil	720 243.69		19.97	-13 23.48	20.04	18.66	-685 26.11	24,27	25.13	26.12	28.68	30.33				
Cargo ton-miles         mil           Mail ton-miles         do           Operating revenues (quarterly) §         mil. \$	3,565 1,160 35,394	11,213	275 100	246 135 9,264	°299 °102	°296 °93	328 105 9,679		332 101	318 83	332 97	348 98			• • • • • • • • • • • • • • • • • • • •	
Operating expenses (quarterly) §do  Net income after taxes (quarterly) §do  International operations:	33,812 397	<sup>1</sup> 36,584 <sup>1</sup> 256		9,472 244			10,200 —558		••••••							
Passenger-miles (revenue) bil. Cargo ton-miles mil	61.42 3,001 457	165.84 2,874 443	4.36 286 46	250	4.34 °218 34	3.57 °240 °31	4.82 283 36	4.47 268 34	5.04 267 34	5.98 278 33	6.92 296 33	7.74 284 33				
Operating revenues (quarterly) §mil. \$ Operating expenses (quarterly) §do	7,975 7,485	18,304 7,983	40	1,968 2,015	34	-91	1,853 1,939			99				••••••		
Net income after taxes (quarterly) \$do Urban Transit Systems Passengers carried, totalmil	286 8,030	100	675	225	657	631	-124 692		667	648						
Motor Carriers Carriers of property, large, class I, gtrly.:	`															
Number of reporting carriers	100 117,413	17,543		100 4,587			100 4,203			100 4,667				 		
period charges and credits mil. \$ Tonnage hauled (revenue), common and contract carrier servicemil. tons	<sup>1</sup> 412	316 151		46			71 40			182 41						
Freight carried—volume indexes, class I and II intercity truck tonnage (ATA):  Common carriers of general freight, seas. adj	143.9	137.0	140.3	136.8	°142.9	141.8	138.4	144.8	140.9	141.9	154.0	153.6	<sup>7</sup> 154.3	r158.9	155.4	
Class I Railroads ‡ Financial operations, quarterly (AAR), excluding Amtrak:	140.0	101.0	140.0	100.0	142.0	141.0	100.4	144.0	140.5	141.5	154.0	100.0	104.0	100.0	100.3	
Operating revenues, total #	29,459 28,478 101	26,660		6,745 6,523 26	<b>.</b>		6,700 6,474 26			6,641 6,427 27			6,428 6,211 30			
Operating expenses	25,804 25,655 2,659	25,258 1,761		6,736 159 85			6,040 410 402			6,117 705 31			5,986 334 7341			
Traffic: Revenue ton-miles, qtrly. (AAR)bil. Price index for railroad freight12/84=100. Travel		7877.0		216.3		101.0	219.6 101.0		100.9	221.5 100.9		101.0	218.3 100.8	100.6	100.6	22
Lodging industry: Restaurant sales indexsame month 1967 -100. Hotels: Average room sale \( \rightarrow\)dollars.	. <sup>2</sup> 213 69.01	69.92	214 68.18	69.66	70.12	77.54	223 74.62	71.83	71.65	234 72.99	230 71.03					
Rooms occupied	45.75 66	47.71	48.48 58	47.54	47.24	49.22	50.21 68	49.45	48.75	50.18	50.51 72					
Economy hotels: Average room sale \( \chi_{\text{moms}} \)	. 29.90 65		30.21 56				31.49 63				31.84 77					
Foreign travel: U.S. citizens: Arrivals (quarterly)thous.  Departures (quarterly)dodo	14,242	14,768		3,211			3,684 3,173	<b></b>		3,195 3,051	1,420	41,529 41,442				
Aliens: Arrivals (quarterly)	8,970 7,698 4,696 49,015	7,725 4,955	247	1	368	1	2,053 1,751 446 2,217	476		2,911 2,636 361 6,962	11,183 1842 365	1,426 1,113 313	285		274	
See footnotes at end of tables.	1	F .		1	i		1	1	1	1	1	1	1	I	1	I

January 1987			SUL	VEI	JF CU	RREN	IL BO	DIME	20							9-13
Unless otherwise stated in footnotes	Ann	ual	19	85						19	86					
below, data through 1984 and methodological notes are as shown in Business Statistics: 1984	1984	1985	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
		TRAN	SPORT	ATION	AND (	сомми	INICAT	ION—(	Continu	ıed						
COMMUNICATION							Y									
Telephone carriers: 🛇	i	-	1		ł											1
Operating revenues #mil. \$ Station revenuesdo	67,647	71,685		118,085	ļ		18,151			18,531	<sup>2</sup> 6,128 <sup>2</sup> 2,610	<sup>2</sup> 6,232 <sup>2</sup> 2,583				
Tolls, messagedo	28,336 10,367	29,817 8,214		7,647 2,089			7,727 2,032			7,842 2,115	2730	2740	ļ			
Operating expenses (excluding taxes)do Net operating income (after taxes)do	44,463 12,198	47,035 12,934		12,224 3,207	ļ	ļ	11,723 8,404	·····		12.027	<sup>2</sup> 4,042 <sup>2</sup> 1,022	<sup>2</sup> 4,077 <sup>2</sup> 1,079	ļ			
Access lines *milmil	12,100	12,004	107.2	107.2	107.1	107.3	107.6	107.6	107.6	3,346 107.9	2108.0	² 108.3				
Telegraph carriers, domestic and overseas: @	1 999 0	1 007 0		*00° 1			907.5	1.		312.1						
Operating revenuesmil. \$ Operating expensesdo	1,382.9 1,227.6	1,367.0 1,203.8		r325.1 r323.2			327.5 r299.8			290.3						
Net operating revenues (before taxes)do	67.7	184.4		r_20.2			10.4			62						
	1 0	01.4			L	L		<del></del>		0.2						
			CHE	MICA	LS AND	ALLIE	LD PKC	DUCIS	•						F	1
CHEMICALS Inorganic Chemicals																
Production:	[				1											
Aluminum sulfate, commercial (17% Al <sub>2</sub> O <sub>3</sub> ) ‡	1.129	1,003	70	777	00	85	98	07	00	100	113	124	110	111	89	
Chlorine gas (100% CL) †	10,700	10,469	79 779 202	875 214	783	759	893	873	98 900	106 897	907	886	877	839	815	
Hydrochloric acid (100% HCl) ‡do Phosphorus, elemental ‡do	2,732 386	2,777 359	202 29	214 27	89 783 225 33	759 221 30	246 31	262 32	299 32	897 275 28	280 30	238 29	877 234 28	218 32	215 29	
Sodium hydroxide (100% NaOH) ‡do	10,914	10,959	835	907	849	809	960	926	940	946	943	933	918	889	865	j
Sodium silicate, anhydrous ‡do Sodium sulfate, anhydrous ‡do	685 901	737 1,199	64 136	50 64	79 68	87 71	62 70	54 69	81 69	71 69	54 62	62 61	70 62	68 766	48 65	
Sodium tripolyphosphate			· ·		1	!					-			the second con-		1
(100% Na <sub>s</sub> P <sub>3</sub> O <sub>10</sub> ) ‡dodo	675	607	43	40	50	51	55	56	56	51	46	61	47	750	50	)
pure) ‡do	835	814	67	75	75	77	78	78	82	73	80	73	79	76	78	3
Sulfur, native (Frasch) and recovered: Productionthous. met. tons	19,407	<sup>1</sup> 10,324	849	888	880	780	843	828	826	890	819	815	797	*785	804	ıl
Stocks (producers') end of perioddo	2,434	2,799	2,670	2,799	2,935		2,915	2,951	2,977	820 2,880	2,900	2,987	787 2,919	2,830	2,779	
Inorganic Fertilizer Materials	1					i i				}					:-	1
Production: Ammonia, synthetic anhydrous ‡				10.0												1
thous. sh. tons	16,702	17,319	1,281	1,344	1,237	1,180	1,254	1,266	1,255	1,120	1,008	1,097	1,109	1,162	1,100	}
Ammonium nitrate, original so- lution ‡do	7,165	6,776	533	476	481	521	613	529	495	448	366	377	422	456	426	
Ammonium sulfate ‡	2,067 7,798	2,093 7,364	157 604	166 517	172 568	169 584	193 691	166 638	192 624	180 528	160 446	157 452	173 492	172 522	171 504	
Nitrogen solutions (100% N) ±dodo	2,894	2,780	221	215	235		280	287	253	198	185	185	193	7171	177	
Phosphoric acid (100% P2O5) ‡ do	11,394	10,518	801	737	579	666	842	823	779	721	692	706	820 3,253	906	818	
Sulfuric acid (100% H <sub>2</sub> SO <sub>4</sub> ) ‡do Superphosphate and other phosphatic	41,893	39,651	3,116	2,983	2,608	2,736	3,252	3,212	3,106	2,914	2,899	2,877	0,200	73,461	9,100	)
fertilizers (gross weight):	15.000	40.00		- :						ـ مد		1 001				
Production thous sh. tons Stocks, end of period do	17,363 1,179	15,475 1,129	1,147 1,084	929 1,129	800 1,000	904 834	1,086 778	1,137 559	1,031 671	921 813	954 763	1,084 648	1,207 509	71,290 7660	1,053 815	
Potash, sales (K <sub>2</sub> O)do	6,195	5,964	269	655	765		429	853	620	226	160	358		299	₽326	
Imports: Ammonium nitratedo	532	561	47	34	85	53	52	74	57	48	19	28	28	25	28	3
Ammonium sulfatedodo	363	403	24 503	37	33	13	40	66	12 729	48 21 347	16	28 29 552	. 8	25 12 409	28 607	5l
Potassium chloridedododo	8,639 122	8,233 142	503 4	568 13	903	413 9	835 29	1,229 13	729 17	13	268 (3)	552 12	717	409		3
Industrial Gases ‡													ļ:			
Production: Acetylenemil. cu. ft	, r4,974	r5,051	r327	*437	342	324	354	339	403	359	344	429	1 4 7		<u> </u>	
Hydrogen (high and low purity)do	112,790	121,345	10,848	r11,143	10,304	9,488	9,818	10,048	9,783	10,181	10,602	9,913	<b></b>			
Nitrogen (high and low purity)dodo	7651,654 7386,615		757,275 733,223	747,321 734,168	56,720 33,852	53,285	57,226 34,725	55,731 33,456	57,009 34,050	54,899 32,419	55,111 33,267	57,070 32,940				
Organic Chemicals §		552,004	3,220	31,100	55,552	32,000	. 21,120	55,100	23,000		3,201	22,020				
Production:	100.0	100.0					<b>~</b> ^		-	,,,			0.7			
Acetylsalicylic acid (aspirin) mil. lb. Ethyl acetate †do	<sup>1</sup> 210.4	1192.0		4.1 51.9			5.8 42.2			7.1 54.2			6.7 51.2		<b></b>	
Formaldehyde (37% HCHO)do	15,814.5	<sup>1</sup> 5,606.1		1,393.6	ļ		1,511.1			1,511.4			1,395.3			
Glycerin, refined, all gradesdo Methanol, syntheticmil. gal	302.7 1,232.8	321.1 1753.5	27.8	23.5 215.7	24.8	25.4	25.3 223.5	28.4	26.7	25.9 229.4	23.0	25.1	18.8 278.9	24.3		
Phthalic anhydridemil. lb.	7870.2	1820.2		203.3	ļ	ļ	216.3			210.9		ļ	224.2		ļ	
ALCOHOL	1 :				(		100							8.1	l	1
Ethyl alcohol and spirits: Productionmil. tax gal	631.3		51.8	47.1			56.5	52.5	55.6	50.1	48.9				<b>1</b>	
Stocks, end of perioddo	150.6	46.2	47.2	46.2			41.5	41.7	39.4	38.3	39.8	36.8	<b></b>	·····	<b></b>	
Denatured alcohol: Productionmil. wine gal	416.9		51.1	35.8		30.9	36.1	34.7	33.8	40.2	34.5	30.5			ļ	
Consumption (withdrawals)	410.5 116.7	513.8	40.0	41.9	44.4	32.5	36.5	38.8	40.5 25.4	33.3	35.8 17.2	35.6		ļ	<b> </b>	
Stocks, end of perioddo	24.5		23.7 16.9	26.5	18.4		23.8		19.3	15.3 26.1	26.0	23.0				
		1	I (1)	ı	ı		1					i	1	1	I .	1

By fuelsdo By waterpowerdo ales to ultimate customers, total (Edison	1984 1,656.3 1,4,620.6 1,5,216.4 16,827.5 8,818.3 3,559.9 3,478.4 1,780.1	1985 CH 11,713.8 115,318.1 15,654.4 17,229.0 16,667.9	665.4 247.0 266.1 152.3	347.0 3,939.6 1,328.9 1,376.6 1,759.4 564.1 212.4 226.3		Feb. ED PR	350.0 3,949.8 1,418.4 1,405.7			364.3. 3,986.9. 1,417.8. 1,467.2.	July	Aug.	344.3 4,129.7 1,446.2 1,470.6 1,883.5	Oet.	Nov.	De
PLASTICS AND RESIN MATERIALS roduction: Phenolic resins	14,620.6 15,216.4 16,857.0 16,827.5 8,818.3 3,559.9 3,478.4 1,780.1	<sup>1</sup> 1,713.8 <sup>1</sup> 15,318.1 <sup>1</sup> 5,654.4 <sup>1</sup> 7,229.0 <sup>1</sup> 6,667.9 9,174.8 3,825.3 3,883.5	665.4 247.0 266.1 152.3	347.0 3,939.6 1,328.9 1,376.6 1,759.4 564.1 212.4 226.3	717.4		350.0 3,949.8 1,418.4 1,405.7			3,986.9 1,417.8			4,129.7 1,446.2 1,470.6			
roduction: Phenolic resins	14,620.6 15,216.4 16,857.0 16,827.5 8,818.3 3,559.9 3,478.4 1,780.1	115,318.1 15,654.4 17,229.0 16,667.9 9,174.8 3,825.3 3,383.5	665.4 247.0 266.1 152.3	3,939.6 1,328.9 1,376.6 1,759.4 564.1 212.4 226.3	717.4		3,949.8 1,418.4 1,405.7			3,986.9 1,417.8			4,129.7 1,446.2 1,470.6			
oduction: Phenolic resins	14,620.6 15,216.4 16,857.0 16,827.5 8,818.3 3,559.9 3,478.4 1,780.1	115,318.1 15,654.4 17,229.0 16,667.9 9,174.8 3,825.3 3,383.5	665.4 247.0 266.1 152.3	3,939.6 1,328.9 1,376.6 1,759.4 564.1 212.4 226.3	717.4		3,949.8 1,418.4 1,405.7			3,986.9 1,417.8			4,129.7 1,446.2 1,470.6			•••••
Phenolic resins	14,620.6 15,216.4 16,857.0 16,827.5 8,818.3 3,559.9 3,478.4 1,780.1	115,318.1 15,654.4 17,229.0 16,667.9 9,174.8 3,825.3 3,383.5	665.4 247.0 266.1 152.3	3,939.6 1,328.9 1,376.6 1,759.4 564.1 212.4 226.3	717.4		3,949.8 1,418.4 1,405.7			3,986.9 1,417.8			4,129.7 1,446.2 1,470.6			
Polypropylene	15,216.4 16,857.0 16,827.5 8,818.3 3,559.9 3,478.4 1,780.1	15,654.4 17,229.0 16,667.9 9,174.8 3,825.3 3,383.5	665.4 247.0 266.1 152.3	1,328.9 1,376.6 1,759.4 564.1 212.4 226.3	717.4		1,418.4 1,405.7			1,417.8			1,446.2 1,470.6			•
Polyvinyl chloride and copolymersdo PAINTS, VARNISH, AND LACQUER & stal shipments	16,857.0 16,827.5 8,818.3 3,559.9 3,478.4 1,780.1	9,174.8 3,825.3 3,383.5	665.4 247.0 266.1 152.3	1,376.6 1,759.4 564.1 212.4 226.3	717.4		1,405.7						1,470.6			
Polyvinyl chloride and copolymersdo PAINTS, VARNISH, AND LACQUER & tal shipments	8,818.3 3,559.9 3,478.4 1,780.1	9,174.8 3,825.3 3,383.5	665.4 247.0 266.1 152.3	1,759.4 564.1 212.4 226.3	717.4	.,,,,,,,,,,										
tal shipmentsmil. \$Architectural coatingsdodo Product coatings (DEM)dodo Special purpose coatingsdodo  ELECTRIC POWERdo  oduction: Electric utilities, totalmil. kwhr By fuelsdo By waterpowerdo By waterpower	3,559.9 3,478.4 1,780.1	3,825.3 3,383.5	247.0 266.1 152.3	212.4 226.3	717.4 274.4	600 4	1			1,877.0						
Architectural coatingsdo .	3,559.9 3,478.4 1,780.1	3,825.3 3,383.5	247.0 266.1 152.3	212.4 226.3	717.4 274.4	600 4		1	į.			'		- 1		14.
Product coatings (OEM)do	3,478.4 1,780.1	3,383.5	266.1 152.3	226.3	274.41		766.2	920.5	916.1	900.0	871.0	860.8	858.0	7880.4	652.9	ļ
ELECTRIC POWER  oduction: Clectric utilities, total	1,780.1		152.3	220.0	294.0	265.2 289.8	322.3 285.0	428.9 309.2	420.2 304.8	412.8 296.9	411.3 270.7	392.8 286.9	360.6 322.0	340.2 r270.3	243.3 276.6	
ELECTRIC POWER  pduction: Electric utilities, total	2 416 204			125.4	149.0	143.4	159.0	182.4	191.1	190.4	189.0	181.0	175.4	169.9	133.1	
oduction: Electric utilities, totalmil. kwhr By fuelsdo By waterpowerdo les to ultimate customers, total (Edison	2.416.804			ELECT	TRIC PO	OWER	AND G	AS				<del></del>				
oduction:  Sectric utilities, totalmil. kwhr  By fuelsdo  By waterpowerdo  les to ultimate customers, total (Edison	2 416 204	1				J <u>2</u> 20				·						
By fuelsdo By waterpowerdo es to ultimate customers, total (Edison		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			Į
By waterpowerdo es to ultimate customers, total (Edison	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			
les to ultimate customers, total (Edison	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			ļ <u>,</u>
Floatric Instituto +	9 906 040	2.318,473		563,117	1	İ	594,034		. 1	553,878	.	- 1	639,734			ľ
Electric Institute) ‡mil. kwhr Commercial §dodo	2,286,040 583,831	613,155		150,520			151,284			152,473						
ndustrial §dodo	836,105	1821,661		204,073	ļ		199,337			204,079			209,627			
Railways and railroadsdo	4,488	14,728		1,208	ļ		1,271			1,116						
Residential or domesticdo	780,664	<sup>2</sup> 794,404		187,754	ļ		220,216	······								ł
Street and highway lightingdodododo	14,129 61,029	<sup>1</sup> 14,396 <sup>1</sup> 64,346		3,663 14,509			3,839 16,532	·····					3,471			ļ
nterdepartmentaldodo	5,793	15,783		1,391			1,555			1,474			1,689			
venue from sales to ultimate customers					"[				1							
Edison Electric Institute) ‡mil. \$ GAS †	142,281	1148,892		35,928			37,609			35,503			43,212			
tal utility gas, quarterly (American Gas Association):		, i												ļ		
(American Gas Association): Customers, end of period, total @thous	49,494	50,370		50,370			51,033			50,759	!	1	50,405			1
Residentialdo	45,454	46.299		46,299		•••••	46,840			46,627			46.348			
Commercialdo	3,751	3,845		3,845			3,963			3,905			3,824			
Industrial @do	180	178		178			183			180			175			
Otherdo	.48	48		48			47		•••••	47			47			
Sales to customers, totaltril. Btu	13,162	12,612		3,330			4,288			2,110			1,621			
Residentialdodododo	4,628 2,396	4,515 2,345		1,229 638	····		2,064 993			739 386			385 . 252			
Industrialdo	5,991	3,684		945			9281			623			534			
Electric generation *dodo		1,935		483			250			338			432			
Otherdo	146	133		35			53			24			17			
Revenue from sales to custom- ers, totalmil. \$	67,496	63,316		16,413			21,151			9 619			6,857			
Residentialdo	27,485	26,868		7,149			11,267	************		4.382	***************************************		2,563			
Commercialdo	13,205	12,753		3,375			5,128			1,987			1,258			
Industrialdo	26,093	15,559		3,925			3,682			2,283			1,814			
Otherdodo	713	7,511 625	h	1,797 167			832 240		•••••	862 99			1,164 58			
Otherdo	. 110		EOOD A		NDREI	DDAI		TOD A	~~~~	33	-					
ALCOHOLIC BEVERAGES			FOOD A	IND KI	NDREI	TROI	0018;	TODA		-	· T					Γ
er:	100.00	100.0-	10.10			1	10.50	, oc	10.00	10.4-	10.00	15.00	,,,,	1 = 00		
Productionmil. bbl Faxable withdrawalsdodo	193.02 175.56	193.31 175.13	13.12 12.39	13.13 12.11	15.71 13.99	15.21 13.01	16.50 14.66	17.99 16.02	18.67 17.10	18.65 16.59	18.33 17.26	17.06 15.78	15.26 14.02	15.62 14.64	L	
Stocks, end of perioddo	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		
	4-1-1	[	l			i	[						. 1		l	1
Productionmil. tax gal Consumption, apparent, for beverage	124.24	96.79	8.70	6.42	8.64	7.84	8.69	8.62	6.68	7.08	6.06	4.49	;······)		}	ļ
purposes #mii. wine gal	426.52	<sup>1</sup> 416.30	33.32	44.71	27.37	26.28	31.49	30.72	30.69	33.88	31.75	30.81	,		<b> </b>	ļ
Stocks, end of periodmil. 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	,			
Importsmil. 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: Productionmil. 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 perioddo	482.13	460.53	461.31	460.53	459.04	459.54	460.03	454.34	459.65	457.54	454.79	450.37				.]
Importsmil. 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	ļ
ines and distilling materials: Effervescent wines:								- 1	- 1							
Productionmil. wine gal.	35.89	r32.19		2.34	1.98	2.21	2.45	2.40	1.43	1.18	3.16	3.01	اا		ļ	
Taxable withdrawalsdo	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 perioddododo	16.39 14.91	14.68 15.76	15.98 2.35	14.68 2.02	15.87 1.25	17.27 .76	17.01 1.04	17.92 .97	15.46 1.01	12.83 .87	17.52 .96	18.56 . 1.10	.97	1.34	2.49	····
Still wines:	14.31	15.16	2.00	4.04	1.25	.10	1.04	.51	1.01	.01	.50	1.10	.51	1.04	2.49	·····
Productiondo	449.36			18.42		4.87	4.56	4.85	4.54	4.41	5.24	97.65		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Taxable withdrawalsdo	1378.88	411.70	33.39	30.52	29.56	31.03	35.63	43.30	41.33	45.52	43.60	51.36				·
Stocks, end of perioddodo	637.90 127.49	594.56 121.00	648.89 12.91	594.56 10.82	602.67 9.58	570.10 6.31	550.97 8.00	539.54 7.37	478.74 7.98	439.71 7.44	405.86 7.10	459.06 6.36		8.18	8.95	
Distilling materials produced at	141.45	121.00	12.71	10.02	7.00	0.01	0.00	1.01	1.56	1.44	1.10	0.00	0.00	0.10	0.99	
wineriesdo	136.58	153.98	13.44	8.97	8.53	11.18	6.90	6.28	4.10	3.87	4.08	22.77			<u></u>	J

			5010		71 00	1010131	1 100	DITATE							·	
Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in Business Statistics: 1984	Anr 1984	1985	Nov.	85 Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
·		FOOD	AND K	INDRE	ED PRO	DUCTS	; TOBA	CCO-	Contin	ued						
DAIRY PRODUCTS							·									
Butter:         Production (factory)	1,103.3 296.6 228.8	1,247.8 205.5 217.1	99.4 206.9 218.5	115.4 205.5 218.5	135.8 206.3 212.9	119.4 245.5 212.9	120.2 283.3 212.9	121.7 304.8 213.2	116.0 333.8 213.4	92.0 342.8 214.0	81.5 337.6 220.4	72.3 304.4 7234.9	79.2 279.6 234.9	84.6 *253.3 236.1	84.0 223.5 235.5	192.4 235.1
Cheese: Production (factory), totalmil. lb. American, whole milkdo	4,674.0 2,648.5	5,024.9 2,854.4	411.8 221.9	437.5 236.6		398.7 227.2	462.7 263.6	461.0 266.1	480.5 280.8	459.1 262.1	439.3 244.1	424.9 224.0	414.8 201.7	425.4 207.1	397.6 195.5	
Stocks, cold storage, end of perioddo American, whole milkdo Importsdo Price, wholesale, cheddar, single daisies	986.2 884.8 306.0	852.9 758.8 302.5	877.5 782.5 31.6	852.9 758.8 33.3	835.8 742.1 22.9	811.2 721.9 37.2	836.7 724.6 20.9	838.4 742.9 17.5	873.3 778.5 19.9	892.4 794.4 24.5	915.6 815.1 24.6	911.7 811.5 23.1	854.5 755.4 25.8	7805.0 7711.2 30.7	757.0 665.5 33.2	702.4 610.2
(Chicago)\$ per lb. Condensed and evaporated milk:	1.704	1.620	1.556	1.556	i	1.556	1.556	1.557	1.558	1.558	1.572	1.596	1.597	1.599	1.599	1.599
Production, case goods	647.7 41.7 8.1	635.3 62.3 11.6	49.5 79.1 1.4	48.5 62.3 1.9	61.3	43.5 72.7 1.5	50.2 73.2 2.5	52.6 86.2 1.7	53.8 91.6	49.8 103.5	49.3 106.9 .3	47.8 111.8 .5	46.6 105.1	44.9 87.8 .5	62.1 .6	
Fluid milk: Production on farmsdo Utilization in manufactured dairy	135,479	143,667	11,564	11,968	12,192	11,314	12,726	1110,697	.4 11,193	.5 10,775	10,547	10,245	.5 9,772	9,839	9,449	9,774
productsdo Price, wholesale, U.S. average \$ per 100 lb. Dry milk:	76,489 13.46	83,023 12.75	6,281 12.60	6,648 12.60	7,129 12.50	6,721 12.40	7,495 12.20	7,733 12.00	8,000 12.00	7,445 11.90	7,156 12.00	6,612 12.20	6,309 12.70	6,272 13.10	5,734 13.40	P13.40
Production: Dry whole milkmil. lb. Nonfat dry milk (human food)do	119.6 1,160.7	118.9 1,390.0	11.9 96.7	8.6 115.8	9.2 123.7	10.7 114.7	11.5 128.1	10.1 137.2	8.6 144.0	8.8 136.7	10.8 115.1	11.2 95.9	11.4 75.2	9.8 68.7	10.2 68.2	
Stocks, manufacturers', end of period: Dry whole milk	5.4 61.1	6.5 78.2	5.8 68.6	6.5 78.2	5.5 68.0	6.3 63.3	7.0 74.4	6.9 79.2	4.9 85.2	4.5 85.3	6.8 67.2	6.8 65.1	6.6 52.1	4.3 39.9	5.6 43.7	
Exports, whole and nonfat (human food)do  Price, manufacturers' average selling, nonfat dry milk (human food)	7202.7 .912	276.1 .849	30.8 .808	8.7 .811	18.3 .811	27.1 .812	41.2 .807	25.9 .807	40.0 .810	16.7 .808	41.3	77.1 .808	45.6 .808	57.9 .810	52.0 .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)dodoStocks (domestic), end of period, totaldo	<sup>2</sup> 599.2 436.9	<sup>2</sup> 591.4 533.6		533.6	200.0	102.0	(10)		4324.6		100.1	102.0	100.0			°610.5
On farms	307.3 129.6 95.5	365.1 168.4 34.8	3.9	0.05	1.5	.1	(10) (10) .2	.8	1199.0 1125.5 .5	.3	1.6	12.5	12.8	16.6	14.4	
Minneapolis	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
only)mil. bu .  Stocks (domestic), end of period, totaldo On farmsdodo	<sup>2</sup> 7,674.0 5,864.2 4,304.1	5,525.1		7,891.3 5,525.1			5,945.0 3,979.9		<sup>3</sup> 4,988.5 <sup>3</sup> 3,141.5			<sup>1</sup> 4,038.0 <sup>1</sup> 2,049.4				98,252.8
Off farmsdo Exports, including meal and flourdo Producer Price Index, No. 2, Chi- cago	1,560.2 1,928.6 250.9	2,366.2 1,731.6 204.8	210.0 188.0	2,366.2 176.1 192.1	164.8 190.7	119.6 193.0	1,965.1 97.6 187.1	56.9 189.7	31,847.0 46.6 199.8	55.9 199.0	44.8 158.2	11,988.6 50.0 133.6	80.3 116.8	124.1 112.2	114.3 126.6	132.8
Oats: Production (crop estimate)mil. bu . Stocks (domestic), end of period,	²473.7	<sup>2</sup> 520.8				100.0			100.0	100.0	100.2	100.0			120.0	9384.5
total do do On farms do Off far	358.1 300.3 57.7	378.6 310.2 68.4		378.6 310.2 68.4			(10) (10) (10)		4183.2 4146.7 436.5							
Exports, including oatmealdo Producer Price Index, No. 2, Minneapolis $1967 = 100$ .	1.9 266.5	1.7 216.8	.4 186.2	( <sup>5</sup> ) 194.7	.1 202.6	.1 185.4	.3 191.1	.1 158.1	.8 174.6	.1 174.6	.3 153.8	.4 158.1	.4 179.6	.5 199.0	.2 247.9	238.5
Rice: Production (crop estimate)ll bags #. Southern States mills (Ark., La., Tenn., Tex.): Receipts, rough, from producersmil. b.	<sup>2</sup> 138.8 9,476	<sup>2</sup> 136.0 9,230	673	739	207	201	140	452	692	487	391	1,166	3,524	1,200	785	°134.4
Shipments from mills, milled ricedo Stocks, domestic, rough and cleaned (cleaned	6,183	5,659	507	539	338	436	148 382	399	556	623	624	632	689	616	616	
basis), end of period	2,868 4,509 202.7	2,751 4,101 206.3	290	2,751 283 208.0	•	2,330 163	2,144 249	1,720 208	1,559 212	1,310 450	960 603	778	2,819 885	3,034 565	2,975 446	
Rye: Production (crop estimate)mil. bu . Producer Price Index. No. 2.	² 32.5	² 20.6		ļ		207.5	197.2	189.2	182.7	181.0	170.6	*170.3	165.8	160.9	155.5	°19.5
Minneapolis	200.9 22,595	*196.9			212.6	195.5	197.6	191.2	197.6	158.9	128.9	128.9	137.5	139.6	146.1	2,087
Spring wheat do Winter wheat do Distribution, quarterly @ do Stocks (domestic), end of period, total do	<sup>2</sup> 534 <sup>2</sup> 2,060 2,789	2,054		449			398		41 005 0	<sup>6</sup> 233		91151				956 91,51
On farmsdodododo	2,141.0 930.3 1,210.8	1,011.2 1,515.0	20 0	2,526.1 1,011.2 1,515.0		79 1		50 Q	41,905.0 4681.1 41,223.9		100 7	3,115.1 1,291.0 1,824.1		90.5	61.0	
Exports, total, including flourdodo	1,584.5 1,545.0		83.8 81.3	66.5 60.5			65.2 60.1	59.9 54.0	48.4 46.3	84.4 79.5	108.7 104.0	119.9 113.4		89.5 83.5	61.2 59.1	

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Unless otherwise stated in footnotes below, data through 1984 and Units methodological notes are as shown in BUSINESS STATISTICS: 1984	Ann 1984	ual 1985	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	· L	FOOD	AND K	INDRE	D PRO	DUCTS	; TOBA	CCO-	Contin	ued						
GRAIN AND GRAIN PRODUCTS—Continued																
heat—Continued	i													,		
Producer Price Indexes:	1															
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	16
Spring, No. 1, D.N. Ord, Minneapolis 1967=100	. 220.8		193.7	188.0		183.0	1	1	1			135.8	147.9		156.0	15
heat flour:	. 220.8	186.4	193.7	100.0	187.6	185.0	180.9	185.6	176.6	145.5	124.2	100.0	147.9	148.7	150.0	13
Production:	1															l
Flourthous. sacks (100 lb.) Millfeedthous. sh. tons	299,832 5,426	313,815 5,556	28,397 509	25,227 450	27,403 479	27,069 471	25,172 440	25,938 450	26,423 461	26,155 458	27,030 481	29,495 527	29,679 536	730,931 7559	29,562 535	
Grindings of wheatthous. 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	ļ	ļ	ļ
Exportsdo	'16,955 97.8	14,454 96.6	1,079 96.6	2,569 96.7	1,374 96.2	2,312 96.4	2,171	2,526 94.8	888 99.7	2,089 92.8	2,044 87.9	2,791 87.0	1,824 85.5	2,541 86.7	941 86.6	
POULTRY AND EGGS	91.0	90.0	30.0	90.1	90.2	30.4	96.4	34.0	99.1	94.0	61.5	61.0	69.9	80.1	00.0	·
ultry:																
Slaughtermil. 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 totalmil. lb	267	324	377	324	330	341	339	379	412	480	569	629	690	718	423	1
Turkeysdodo Price, in Georgia producing area,	125	150	208	150	157	161	150	186	227	294	388	449	512	7544	250	
live broilers\$ per lb	320	.280	.300	.280	.285	.270	.280	.275	.290	.320	.420	.460	.360	.385	.330	
gs: Production on farmsmil. 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	212.9	²13.4	²13.3	
Stocks, cold storage, end of period:	1											i			1	
Shell thous cases §	31 13	24 13	28 14	24 13	28 13	21 13	20 11	32 12	44 11	38 14	25 15	33 15	29 14	720 14	29 13	Į.
Price, wholesale, large (delivered; Chicago)															1	
\$ per doz	786	.634	.746	.732	.706	.657	.769	.626	.620	.573	.694	.700	.694	.663	.741	1
LIVESTOCK ttle and calves:	1					1										ŀ
Slaughter (federally inspected):	1	1												ĺ		ĺ
Calves thous animals Cattle do do	3,030 35,880	3,168 34,765	268 2,669	298 2,778	289 3,204	256 2,613	276 2,726	284 3,096	$257 \\ 3,123$	240 3,017	281 3,213	262 3,101	263 3,019	276 3,164	238 2,693	2
Prices, wholesale:	30,000	34,100	2,009	2,110	0,204	2,010	2,120	0,050	0,120	3,011	0,210	3,101	3,013	3,104	2,000	-
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	5
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	6
(Kansas City)do	63.98		55.00	45.94	45.00	52.50	55.00	55.00	55.83	61.10	62.13	62.50	67.50	67.50		
ogs: Slaughter (federally inspected)thous. animals Prices:	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
Prices:	02,410	01,514	0,010	0,040	0,500	0,121	0,002	1,100	0,055	3,034	0,010	3,130	0,022	1,040	0,043	ľ
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	5
Hog-corn price ratio (bu. of corn equal in															i	l .
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	i
neep and lambs: Slaughter (federally inspected)thous. animals	. 6,549	5,976	460	490	507	441	524	477	417	406	432	426	495	495	401	1
Price, wholesale, lambs, average (Omaha) \$ per 100 lb	1	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	7
MEATS	01.55	00.41	02.50	00.02	01.15	00.00	01.00	00.00	00.10	14.11	10.50	00.10	02.40	31.20	00.11	Ι .
otal meats (excluding lard):								1		j ·	İ	Ì		1		
Productionmil. lb Stocks, cold storage, end of perioddo	38,987 696	39,131	3,123 633	3,145	3,482	2,937	3,133 622	3,478	3,387	3,157 641	3,282 620	3,181		3,499 7574	2,983 566	8
Exports (meat and meat prepara-	1	607		607	617	615	622	663	674	1	620	573	545			1
tions)dodo	1,422	1,461	122	123	124	123	123	132	139	121	125	147	159	188	170	·
tions)do.	2,160	2,511	196	201	225	196	197	179	180	213	260	232	232	223	237	
eef and veal:																
Production, totaldo	23,895 372	24,055 329	1,854 314	1,901 329	2,185 330	1,809 313	1,904 308	2,156 311	2,152 328	2,068 331	2,193 346	2,119 327		2,190 7301	1,845 304	
Exportsdo.	627	660	48	55	63	60	308 50	60	328 59	50	56	80	87	107	82	
Importsdo		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.)	`															1
(Central U.S.)\$ per lb amb and mutton:	1.001	.913	.997	.988	.923	.868	.850	.833	.864	.836	.892	.910	.905	.918	.957	
Production, totalmil. lt	372	350	28	30	31	27	32	29	25	24	25	25	30	30		
Stocks, cold storage, end of perioddo.	] 7	13	13	13	12	14	32 12	13	13	14	14	15	14	15	14	
ork (excluding lard): Production, totaldo.	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
Stocks, cold storage, end of perioddo.	274	229	265	229	285	239	254	284	280	248	215	185	186	<sup>2</sup> 216	206	i l
Exports do. Imports do	197 784	192 934	20 78	16 65	11 81	72	11 77	14 69	14 67	14 70	9 84		80	11 87		
Prices:																1
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	7336.4	347.3	368.1	376.3	
Fresh loins, 8-14 lb. average,			1		l			1		1	}		1.	•	ł	1
wholesale (N.Y.)\$ per lb MISCELLANEOUS FOOD PRODUCTS	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	
ocoa (cacao) beans, imports	1		1		1								1	1		1
(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	ļ
offee:	10 004	10 000	1.050	1 70	0.000	1 000	1015	1 000	1 010	1 000	1 5/0	1	1 000	1 505	1 440	
Imports, total thous bags (From Brazil do do do do do do do do do do do do do	17,734 3,866			1,785 207	2,360 558	1,836 340	1,645 121	1,667 264	1,810 172	1,286 68	1,549 47	1,513			1,449 91	
U.S. Import Price Index *	60.4			68.5		ļ	96.5		ļ	75.1	ļ	ļ	77.5			
												1	1		1	1
ish: Stocks, cold storage, end of periodmil. ll	370	362	367	362	311	284	259	263	262	280	299	340	358	r357	2952	i

January 1987			SOR	VEIC	Jr CU	UULI	I DU	2114E	20							5-43
Unless otherwise stated in footnotes	Ant	ual	198	35						19	36					
below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984	1984	1985	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<u> </u>	FOC	D AND	KIND	RED PI	CODUC	TS. TO	BACCO	—Cont			L	<u> </u>			
	<u> </u>	100	DINID	IXIII		ODCO	10, 10	Direct		·						
MISCELLANEOUS FOOD PRODUCTS—Cont. Sugar:						İ		ĺ	ĺ		,					
Exports, raw and refinedsh. 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 refinedthous. sh. tons	2,947	2,423	24,087	20,525	174	131	208	158	173	152	191	115	158	127	203	1
Producer Price Indexes:	2,041	2,420		, -12	11.2		200	100	1.0	102	101	110	100	^	. 200	
Raw (cane)	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	173.5	165.6	163.1	163.0	165.1	165.1	165.7	165.1	165.1	164.9	165.0	<sup>7</sup> 166.6	167.8	168.3	168.6	169.1
Tea, importsthous. 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:	<sup>1</sup> 1,728	21 511						Ì		l			1	- 1		³1,198
Production (crop estimate)mil. lb Stocks, dealers' and manufacturers',	-1,120	<sup>1</sup> 1,511								•••••					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1,130
end of perioddo	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 stemsdo	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):						į										
Tax-exemptmillions	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			<b></b>
Taxabledo	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), taxabledo	2,961	r2,827	230	202	207	179	220	248	268	272	261	242	261			
Exports, cigarettesdo	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	
				LEAT	HER A	ND PR	ODUC'I	'S								
LEATHER	j															
Exports:								1					j			ŀ
Upper and lining leatherthous. 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	372.3	353.1	360.1	362.2	368.5	368.8	368.9	370.2	383.6	394.1	390.4	7391.8	394.3	383.3	389.6	403.5
LEATHER MANUFACTURES	1		1				i						1			
Footwear: Production, total \( \rightarrow \ldots \text{thous. pairs} \)	301,398	266,042	21,127	18,829	21,911	20,845	20,476	20,296	19,885	17,509	17,954	20,265	19,069	20,840	17.656	
Shoes, sandals, and play shoes,					i ' i	· i				.,				10.0		i '
except athleticthous. pairs Slippersdo	233,392 54,026	205,926 52,372	16,284 4,289	15,739 2,519	17,872 3,562	16,479 3,867	15,781 4,167	15,340 4,374	15,043 4,370	12,974 4,095	14,846 2,501	16,343 3,210	714,973 3,465	16,431 3,730	14,100 2,954	
Athleticdo	13,980	7,744	554	571	477	499	528 432	582	472	440	607	712	631	679	602	
Other footweardo	4,918	4,174	336	309	414	419		436	456	475	239	407	464	620	486	
Exportsdo	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	'112.8	113.7	113.7	113.8	114.0
Women's leather upper1967=100 Women's plastic upper12/80=100	219.2 102.9	223.5 104.0	224.2 105.3	224.3 105.3	224.8 105.3	224.7 105.6	225.9 105.0	225.9 105.0	224.5 104.3	224.1 101.1	224.4 104.1	7222.9 7104.0	221.4 104.5	226.8 104.5	226.1 104.6	226.1 104.6
women's plastic upper12700=100	102.9	104.0	100.0				-		104.5	101.1	104.1	104.0	104.5	104.5	104.0	104.0
	Τ .			LUM	BER A	ID PK	DOUCT	8				·				
LUMBER—ALL TYPES #											:					:
National Forest Products Association: Production, totalmil. bd. ft	<sup>72</sup> 37,436	r237,352	2,851	2,649	3,092	3,046	3,347	3,362	3,405	3,355	2,961	3,441	3,397	3,820		
Hardwoodsdo	<sup>12</sup> 6,262	26,031	471	416	517	559	522	538	524	525	434	486	538 2,859	660		
Softwoodsdo	<sup>2</sup> 31,174	<sup>2</sup> 31,321	2,380	2,233	2,575	2,487	2,825	2,824	2,881	2,830	2,527	2,955		3,160		
Shipments, totaldododo	r237,221 r26,035	<sup>72</sup> 37,023 <sup>72</sup> 5,873	2,828 469	2,809 425	2,955 503	2,899 529	3,478 541	3,321 536	3,538 515	3,498 512	2,979 427	3,344 502	3,291 550	3,689 685		
Softwoodsdo	<sup>2</sup> 31,186	<sup>2</sup> 81,150	2,359	2,384	2,452	2,370	2,937	2,785	3,023	2,986	2,552	2,842	2,741			
Stocks (gross), mill, end of									·							
period, total	76,155 71,561	76,484 71,719	6,792 1,922	76,484 71,719	6,769 1,927	6,916 1,957	6,784 1,938	6,826 1,940	6,697 1,949	6,361 1,756	6,393 1,778	6,484 1,762	6,590 1,750	6,653 1,724		
Softwoodsdo	4,594	74,765	4,870	74,765	4,842	4,959	4,846	4,886	4,748	4,605	4,615	4,722	4,840	4,929		
Exports, total sawmill productsdo																
Imports, total sawmill productsdo	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	
Douglas fir:											A=-			050		
Orders, newmil. bd. ft Orders, unfilled, end of perioddo	8,296 561	78,044 528	654 575	568 528	670 558	659 600	833 638	679 594	741 497	702 452	650 522	754 580	810 597	852 647		
Productiondo	8,329	78,062	618	563	666	671	739	739	780	684	572	748	873	846	723	
Shipmentsdo	8,409	78,077	617	615	640	617	795	723 949	838	746	580	696	793	802	691	
Stocks (gross), mill, end of perioddo	914		961	7899	935	989	933		891	813			937	981	1,013	
Exports, total sawmill productsdodo	543 150		40 8	39 7	37 10	51 12	49	45 10	48 8	39 9	32 6	42	36 7	48 11	47	
Boards, planks, scantlings, etcdo	393		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	901 0	314.2	909.6	9161	348.0	358.2	331.1	941 4	339.3	945 4	332.4	330.1	317.6
	1 328.0	330.6	488.8	301.9	314.2	303.6	316.1	048.0	558.2	551.1	341.4	559.5	345.4	552.4	550.1	811.6
See footnotes at end of tables.																

D-47			BOIL	ATT	<u> </u>	TATATAL	LDU	OTIVE							Januar	J 1301
Unless otherwise stated in footnotes below, data through 1984 and	Ann	ual	198	35						198	6					
methodological notes are as shown in Business Statistics: 1984  Units	1984	1985	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
			LUM	IBER A	ND PR	ODUC	rsCo	ntinued								
SOFTWOODS—Continued																
Southern pine:															}	
Orders, newmil. bd. ft Orders, unfilled, end of perioddo	10,342 561	<sup>72</sup> 10,763 7680	719 581	829 7680	889 612	890 687	986 678	781 618	910 570	1,031 620	845 726	790 634	703 657	1,085 732		
Productiondo	110,674	<sup>1</sup> 10,730	783	761	881	825	968	878 842	949	955	798	919	676	1,014		
Shipmentsdo Stocks (gross), mill and concentration yards,	10,574	<sup>r1</sup> 10,644	766	791	872	816	997	842	949	982	822	891	676	955		
end of periodmil. bd. ft	r1,808	71,894	1,893	<sup>7</sup> 1,894	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 Producer Price Index, southern pine,	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	•••••
dressed	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.
Western pine: Orders, newmil. bd. ft	9,011	r9,247	734	724	747	728	909	836	856	935	869	986	993	947	812	
Orders, unfilled, end of perioddo	407	433	446	433	485	501	553	498	464	457	467	510	517	531	519 841	
Productiondo Shipmentsdo	8,992 9,014	<sup>r</sup> 9,276 9,221	733 729	700 737	743 695	736 712	828 857	893 891	839 890	891 943	872 859	972 943	1,007 986	962 933	824	••••••••••••••••••••••••••••••••••••••
Stocks (gross), mill, end of perioddo	1,257	<sup>7</sup> 1,312	1,332	<sup>7</sup> 1,312	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, dressed1967=100	385.5	378.7	368.8	371.8	372.3	371.4	379.8	400.0	392.5	383.6	383.3	7387.2	406.5	399.2	407.3	401.8
HARDWOOD FLOORING																
Oak: Orders, unfilled, end of periodmil. bd. ft	7.3	5.5	4.2 10.2	5.5	5.8	6.6	8.2	8.6	9.5	8.8	8.8	9.2	8.3	7.4	7.9 11.2	
Shipmentsdododo	109.6 5.7	121.8 6.2	6.0	8.7 6.2	11.1 4.7	10.6 4.2	12.2 3.7	12.4 3.6	12.5 3.5	11.8 4.7	11.3 4.1	12.6 4.3	12.7 5.3	14.7 5.1	5.5	
			N	METAL	S AND	MANU	FACTU	RES				-				
IRON AND STEEL															7	
Exports:	980	932	79	81	87	73	74	791	61	70	68	86	103	72	87	
Steel mill productsthous. sh. tons Scrapdo	9,498	9,935	73 984	868	1,320	892	1,185	72 1,063	960	898	803	1,011	752	964	703	
Pig irondo Imports:	57	32	2	1	1	4	1	10	1	2	9	2	(2)	6	1	
Steel mill productsdo	26,163	24,256	1,700	2,147	1,748 49	2,043 66	1,966 66	1,601	1,627 36	1,732 39	2,060	1,529 101	1,586 69	1,359 48	1,927 96	
Scrapdo Pig irondo	577 702	611 344	41 33	74 22	24	13	3	46 52	22	14	49 31	33	44	20	26	
Iron and Steel Scrap	<sup>1</sup> 36,128	³30.455	9 500	9 901	9 590	2,410	9 576	2,642	9 519	2.348	2,201	1.871	<sup>7</sup> 1,838	1,868		
Production thous. sh. tons. Receipts, net do	129,524	<sup>3</sup> 38,816	2,582 2,934	2,381 2,777	2,529 3,121	3,234	2,576 3,311	3,420	2,512 3,241	3,083	2,875	3,044	r3,168	3,263		
Consumption	<sup>1</sup> 65,702 5,261	<sup>3</sup> 70,491 <sup>3</sup> 5,077	5,751 5,257	5,371 5,077	5,811 4,844	5,729 4,794	6,071 4,698	6,134 4,715	5,896 4,685	5,594 4,634	5,100 4,680	5,026 4,566	74,967 74,595	5,219 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.
Pittsburgh district *do	342.6	287.6	257.8	257.8	276.3		274.4	274.4	263.3	259.6	268.9	267.7 283.7	283.7	283.7	283.7	298.
Ore Iron ore (operations in all U.S. districts):				Į.												
Mine productionthous. lg. tons	51,269 50,883	48,386	3,718 4,958	2,329 2,919	2,861	3,443 1,106	3,840 1,226	4,363 4,356	4,836 5,354	3,096 4,527	3,086 4,799	3,041 4,600	2,986 4,147	2,767 4,093	ļ	
Shipments from minesdodo	17,160	48,038 15,955	1,589	1,265	755 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	1			}		1										
plantsdodo	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	ļ	
_ plantsdo	65,990		5,083	5,086	5,476	5,209	5,522	5,425	5,347	4,655	4,066	4,274	3,754	3,872 529	369	
Stocks, total, end of perioddo	4,993 32,146		509 29,879		13 27,260	(2) 26,184	143 25,140		533 25,048	589 25,073	828 24,940	1,160 23,417	1,650 24,915		309	
At mines do At furnace yards do do	5,187 24,017	5,968	6,548		8,073	10,407 13,936	12,998 11,102	13,035	12,635 11,373	11,210 12,754	9,511 14,350	7,960 14,455	7,166 16,086			
At U.S. docksdo	2,942		21,527 1,804			1,841	1,040	650	1,040	1,109	1,079	1,002	1,663			
Manganese (manganese content), general importsdo	. 535	828	97	50	66	104	53	98	51	47	75	79	93	58	76	
Pig Iron and Iron Products																1
Pig iron: Production (including production of																
ferroalloys)thous. sh. tons Consumptiondo	. 152,097	151,460	4,115	3,980	4,177	4,002 3,825	4,123	4,341 3,949	4,284 3,946	3,697 3,527	3,526 3,428	2,966 2,964	2,869	3,161 3,018		3,14
Stocks, end of perioddo	. 304	3239	236	239	264	269	257	265	257	239	248	241	7227	219	ļ	
Producer Price Index, basic	. 100.3	98.4	97.3	97.1	97.6	97.9	·····	97.9	97.8	97.8		······	t			
Shipments, totalthous. sh. tons	. 10,520 6,247		749 467		r587 r364	r557 r327	7589 7360	7697 7429	*641 *420	r589 r376	7568 7382	r562 r395		684 432		ļ
For saledo  Castings, malleable iron:	1		•		1		1					}			·	
Shipments, totaldododo	. 380 180			25 13	748 715	r35	739 713	747 718	739 15	737 10	735 78	731 711	36 11	47 15		
See footnotes at end of tables.	1 230	1 -30	1 -	1. 10	ı	1	1	1	1		ı	1	1	1	1	1
see toothours at end of tables.																

				121		TATALLY	11 50	OII 111	<del>,,</del>							
Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984	Ann 1984	ual 1985	Nov.	85 Dec.	Jan.	Feb.	Mar.	Apr.	May	June 198	July	Aug.	Sept.	Oct.	Nov.	Dec.
			METAI	LS AND	MANU	FACTI	JRES-	Contin	ued							
Steel, Raw and Semifinished																
Steel (raw): Productionthous. sh. tons.	192,528	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 97
Rate of capability utilization percent.	68.4	66.1	64.7	59.7	69.4	7,171 71.8	71.9	73.5	69.5	63.5	59.2	52.8	54.3	56.8	56.5	5,87' 54.
Steel castings: Shipments, totalthous. sh. tons	940	940	73	66	779	771	r63	r84	*83 *79	770	765	766	69	82		
For sale, totaldo  Steel Mill Products	862	904	70	64	776	768	<sup>7</sup> 61	′81	7.79	'66	<sup>7</sup> 62	r64	66	79		
Steel products, net shipments: Total (all grades)thous. sh. tons.	173,739	173,043	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 productsdo	14,407	4,345	354	333	395	383	411	430	444	433	393	384	412	418	351	ļ
Structural shapes (heavy), steel pilingdo	4.156	4,698	373	384	448	370	414	404	391	402	418	384	366	395	317	
Platesdo	4,339 1,239	4,327 931	328 54	338 63	334 73	294 72	312 74	338 71	352 61	326 50	317 44	265 49	242 44	274 39	224 31	
Bars and tool steel, totaldo Bars: Hot rolled (including	13,232	<sup>1</sup> 12,668	941	862	1,128	993	1,057	1,120	1,106	1,048	1,014	950	951	1,028	858	
light shapes)do Bars: Reinforcingdo	<sup>1</sup> 7,255 <sup>1</sup> 4,432	<sup>1</sup> 7,027 <sup>1</sup> 4,326	509 336	452 321	632 369	507 376	562 379	608 391	582 412	547 391	524 387	512 337	499 349	532 387	475 293	
Bars: Cold finisheddo Pipe and tubingdo	1,484 4,276	1,255	336 92 325	321 87 307	122 324	105 288	110 308	116	107 226	105 229	98	98	98 191	104 210	86 179	
Wire and wire productsdo	1,222 1,062	4,096 1,136	77 268	66 340	93 301	89	100	264 113	102	96 347	236 93	211 88	81	89	68	
Tin mill productsdo  Sheets and strip (including electrical), totaldodo	(	3,772 137,069	1. 1	3,129	( )	285 2,999	337	349	340	3,077	382	320	310	287 3,181	262 2.609	:
Sheets: Hot rolled do Sheets: Cold rolled do do	36,806 13,133 13,664	12,952	2,902 1,001	1,167 1,129	3,341 1,149 1,207	1,019 1,093	3,130 1,049	3,195 1,030 1,214	3,189 1,036 1,180	999 1,151	2,918 906	2,713 840 949	3,010 1,003 1,062	1,069		
By market (quarterly):		13,574	1,051		1,201	1,095	1,151	1,214	1,180	1.1	1,075	949	1	1,112	51	1
Service centers and distributorsdo Construction, incl. maintenancedo	117,234 16,052	17,548 6,407		4,586 1,556			4,346 1,550			4,367 1,700			3,986 1,489	<sup>2</sup> 1,447 <sup>2</sup> 514	1,145 407	
Contractors' products do do Automotive do do	2,563 12,554	2,663 12,725		2,960			652 3,242			3,158			646 2,689	<sup>2</sup> 208 987	171 827	
Rail transportationdo Machinery, industrial equip., toolsdo	1,036 2,737	1,059 2,129		209 488			253 523			211 537			163 436	61 148	46 131	
Containers, packaging, ship. materialsdo	4,337	4,069		942			999			1,098			1,093	321	275	
Otherdo Steel mill shapes and forms, inventories, end	26,500	<sup>1</sup> 26,098		6,366			6,811			6,758			6,313	2,239	1,899	
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 processmil. 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 steeldo Service centers (warehouses), inventory, end	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		
of periodmil. sh. tons. Consumers (manufacturers only):	6.0	5.8	5.6	5.8	l I	6.0	5.9	5.9	6.0	6.0	6.1	6.0	5.7	5.5	.3,1	
Inventory, end of perioddododo	6.0 45.3	4.1 53.6	4.0 4.1	4.1 3.7	4.2 3.7	4.3 3.6	4.3 3.7	4.4 4.0	4.4 4.0	4.5 3.9	4.5 3.7	4.4 3.4	4.3 4.1	4.3 3.7		
Consumption during perioddo NONFERROUS METALS AND PRODUCTS	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		[  :
Aluminum: Production, primary (dom. and foreign ores)																
thous. met. tons.  Recovery from scrap †	4,099 1,760	3,499 1,728	265 139	271 135	273 147	251 129	281 147	275 153	284 150	241 138	231 151	259 147	231 164			
Imports (general):	1	·	1					i i		4.5					45	
Metal and alloys, crudedododo	975.3 499.8	960.9 463.4	76.7 35.1	64.0 37.7	90.5 41.4	110.9 41.5	140.9 40.5	144.4 34.0	167.3 41.6	137.0 37.1	131.2 63.3	136.1 41.0	106.1 34.6	118.3 42.6	100.4 48.9	
Exports:  Metal and alloys, crudedo  Plates, sheets, bars, etcdo	286.2 224.4	383.0 174.5	20.5 16.8	13.1 12.8	24.1	28.1	20.0	14.1	18.7	12.6 15.9	12.1 12.7	17.2 14.3	18.0 16.7	21.2 18.9	19.1 20.7	
Price, U.S. market, 99.7% purity,	1		1		20.2	18.3	14.1	18.2	19.2				1			
monthly average\$ per lb. Aluminum products:	.6105	.4881	.4508	.4998	.5525	.5682	.6157	.5935	.5777	.5674	.5412	.5449	.5540	.5357	.5250	
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	71,133	1,117	1,219	1,032	
Mill products, totaldo Sheet and platedo	11,076 6,342	6,442	850 484 205	821 491	946 541	913 525	1,030 609	1,064 624	1,086 654	938 540	908 530	7915 526 162	932 523	972 548	484	
Castingsdo  Inventories, total (ingot, mill products, and	2,233	2,228	205	190	228	209	205	211	199	191	152	162	178	197	· · · · · · · · · · · · · · · · · · ·	
scrap), end of periodmil. lb. Copper:	·		5,241	5,165	5,161	5,158	5,054	5,097	5,045	5,044	5,084	75,059	4,976	4,927	4,904	
Production: Mine, recoverable copperthous. 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 materi-	1,200.2		77.8		87.0	75.4	75.5	88.1	91.9	89.8	98.8	86.2	87.1			!
alsdo  Electrolytically refined:  From domestic oresdo	1974.1	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 oresdo Electrowon *do	. 115.9 . 110.1	55.2 93.5	3.9	3.7	3.1	1.8 8.5	3.6 9.1	4.8 9.5	2.6 9.8	2.1 10.4	3.4 10.6	3.8 10.8	3,9 11.4			
Refined from scrap \( \int \)do  Imports, unmanufactured (general):	309.5	363.2	7.2 28.7	28.5			45.2	42.6	42.4	40.8	39.1	37.4	34.9			
Refined, unrefined, scrap (copper cont.)dodo	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	67.8	
Refineddo  Exports:	521.3	390.7				43.9	49.5	38.2	54.9	36.8	36.0	36.0	37.3	31.7	55.6	
Refined and scrapdo Refineddo	. 360.7 93.9	463.0				38.3	45.2	33.8	50.6	38.1	29.6	55.1	25.3	46.2		
Consumption, refined		48.1	.9		1.3	1.5	1.2		2.4	.9	.8.	1.8	1.7	.6	.9	
(reported by mills, etc.) \( \rightarrow\)	. 2,036 . 556	1,899 311	146 310			173 300	185 270	172 259	162 258	167 241	128 274	153 261	171 243			
Price, avg. U.S. producer cathode, delivered §	1	.6697		1 '	1 '		1	1				1			1 '	.1

Unless otherwise stated in footnotes	Ann	ual	198	35						198	36					
below, data through 1984 and methodological notes are as shown in Business Statistics: 1984	1984	1985	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
			METAI	S AND	MANU	FACTU	RES_	Continu	ued	-						
NONFERROUS METALS AND						1					·					
PRODUCTS—Continued			i			1	1	1	-					ļ		
Copper-base mill and foundry products, shipments (quarterly total):							1	ļ			.		ļ			
Brass mill productsmil. lb Copper wire mill products	2,717	2,363		549			590			580						
(copper content)do	2,138	1,880		427			464			459						
Brass and bronze foundry productsdo Lead:	<sup>3</sup> 572	541	• • • • • • • • • • • • • • • • • • • •	128			149		••••••	158						***************************************
Production: Mine, recoverable leadthous. 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	1633.4	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), metaldo	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, totaldo	11,207.0	11,148.3	96.3	83.3	96.7	85.4	79.6	90.8	86.0	84.1	71.0	94.9	7101.5	105.9		
Stocks, end of period: Producers', ore, base bullion, and in process																
(lead content), ABMSthous met. tons Refiners' (primary), refined and antimonial	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	
(lead content)thous. met. tons Consumers' (lead content) \( \Quad \)do	47.7 97.1	83.9 61.8	81.7 65.2	83.9 61.9	86.9 63.8	93.6 65.2	105.1 66.9	104.3 62.1	105.4 64.0	95.4 59.9	80.4 64.3	73.2 58.3	52.1 53.0	37.6 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	721.1	19.6		
Price, common grade, delivered per lb	.2555	.1907	.1905	.1897	.1835	.1779	.1820	.1873	.1988	.2207	.2194	.2242	.2343	.2555		
Tin: Imports (for consumption):																
Ore (tin content)metric tons Metal, unwrought, unalloyeddo	3,273 41,241	1,633 33,831	22 2,805	3,354	9 599	210 1,480	214 3 278	67 5,081	204 3,332	936 2,789	94 4,111	677 2,508	293 1,833	378 2,371	350 4,268	
Recovery from scrap, total (tin cont.)do	111,446	9,045	811	744	2,523 821	754	3,278 730	631	629	534	368	564	ŕ419	465		
As metal	2,202 50,400	*1,176 51,600	148 4,200	112 4,000	4,300	4,000	4,200	4,500	143 4,400	138 4,400	4,100	4,100	144 74,000	4,200		
Primarydo  Exports, incl. reexports (metal)do	38,700 3,184	38,900 2,875	3,100 278	3,000 333	3,200 272	2,900 680	3,200 185	3,400 307	3,300 259	3,300 269	3,100 98	3,000 213	73,000 199	3,100 167	261	
Stocks, pig (industrial), end of	· ·															
perioddo Price, Straits quality (delivered)\$ per lb.	2,592 6.2380	5,665 5.9595	4,913	5,665	5,310	4,692	3,097 4.5579	4,127 3.6425	3,987 $6.5224$	4,032 3.4661	4,166 3,4652	4,246 3.4701	73,497 3.4583	3,571 3.5387		
Zinc: Mine prod., recoverable zincthous. 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):	Į	Į I							14.2				[		04.1	
Ores (zinc content)do Metal (slab, blocks)do	95.6 632.5	91.4 568.7	13.0 64.2	5.8 66.5	10.9 74.0	14.0 59.4	10.6 57.8	3.6 50.0	.8 53.8	11.7 40.1	25.6 60.9	23.9 44.8	16.6 61.3	30.6 51.8	24.1 56.5	••••••
Consumption (recoverable zinc content): Oresdo	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 typesdo	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, fabricatorsdo Exportsdo	<sup>1</sup> 848.9	<sup>1</sup> 711.8	55.8 (2)	52.1 .1	55.4 .2	56.3 .2	59.9 .2	56.2	57.8 (2)	59.1 (2)	51.4 (2)	54,8 (2)	58.6 .1	58.2 .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	, ,	7.4	8.7	10.7	15.5
Consumers'do	. 172.5	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	.4860	.4037	.3336	.3361	.3287	.3088	.3122	.3213	.3297	.3654	.3955	.4083	.4370	.4598	.4578	•••••
Heating, combustion, atmosphere equipment, new	1	1	·													
orders (domestic), net, qtrly #	1254.2 108.6	<sup>1</sup> 239.5 <sup>1</sup> 100.0	·	56.7 22.4		<u> </u>	43.0 21.1		• • • • • • • • • • • • • • • • • • • •	30.2 17.8			30.9 10.5			
Fuel-fired processing heating equipdo  Material handling equipment (industrial):	145.5	<sup>1</sup> 139.5		34.3			21.9	·······		12.4			20.5			
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. adjusted1977=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	141.7	144.3		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	1 141.1	144.0	140.2	104.2	140.7	144.0	100.9	144.0	140.1	141.2	140.1	140.5	144.4	100.4	140.0	
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	ļ
Fluid power products shipments indexes: Hydraulic products §	. 100			r240	96	97	104	109	101	106	93		100	97	87	
Pneumatic products §do  Machine tools:	. 96	101	<sup>7</sup> 283	<sup>7</sup> 252	105	101	105	108	100	101	95	91	96	103	87	
Metal cutting type tools: Orders, new (net), totalmil. \$.	1 915 90	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	*130.85	P22 05	
Domesticdo	. 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	'114.95	P75.85	l
Shipments, totaldodododo	. 1,483.85	1,742.25 1,548.50	139.40 126.35	223.55	91.50 74.05	123.90 109.50	148.20	140.05	153.10	226.70	149.10 135.90	92.50	140.80	r170.40	P104.30	
Order backlog, end of perioddo  Metal forming type tools:	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	71,057.8	P1,025.1	ļ
Orders, new (net), totaldo	. 1,000.00	<sup>2</sup> 675.00	23.55	58.45	55.75	41.80	54.70	57.10	64.50	44.35	41.20		35.10	49.30	P48.75	
Domesticdo Shipments, totaldo	. 679.35	1802.95	59.75	86.50	54.35		77.25	57.45	57.10	67.10	36.05 40.95	43.10	46.60	759.30	, 50.10	
Order backlog, end of perioddo	. 608.75 542.2		52.90 442.3	82.50	50.80	76.15 378.7	71.10 356.2				36.60 340.7				P44.80	
See footnotes at end of tables.	1	1	1		i	1		1	1	1	I	1		I	1	1
The state of the contract of the state of th																

January 1987					T CU	LULUEL	I BU	OTIAEY								5-21
Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in Business Statistics: 1984	Ann 1984	uai 1985	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June 198	July	Aug.	Sept.	Oct.	Nov.	Dec.
			METAI	S AND	MANU	FACT	JRES-	Contin	ued				· · · · · · · · · · · · · · · · · · ·			
MACHINERY AND																
EQUIPMENT—Continued Tractors used in construction, shipments, qtrly:	l i														٠.	
Tracklaying (ex. shovel loaders) units	8,917 785.4	7,321 628.7		1,886 162.4			2,147 227.6			2,986 283.1					·····	
Wheel (contractors' off-highway)units	5,602	7,080		1,646			1,586			1,643					•••••	
mil. \$unitsunits	421.9 45,622	486.6 70.653	•	122.8 19.752			105.3 13.027			129.0 14,679						
mil. \$	1,791.9	2,364.6		665.9			405.6			474.3						
ELECTRICAL EQUIPMENT Batteries (autotype replacement),					. !											
Radio sets, production, total marketthous	59,332 46,420	58,684 40,606	5,634 *1,871	6,487 12,256	4,776 21,271	3,511 1,304	3,760 1,338	4,089 1,348	4,243 2,065	4,061 2,228	4,662 1,813	5,668 2,832	6,461 2,774	6,936 3,165	5,969 2,822	
Television sets (incl. combination models), production, total marketthous	22,210	20,525	1,999	12,235	1,687	1,616	1,888	2,045	1,570	1,975	1,583	1,927	2,337	2,209		 
Household major appliances (electrical), factory				·											, i	
shipments (domestic and export) #thous Air conditioners (room)do	39,444 3,103	41,797 3,022	3,459 39	2,984 118	3,594 131	3,185 175	3,466 422	3,749 456	3,909 451	4,090 427	3,985 361	3,712 89	4,006 89	4,085 53		
Dishwashersdo Disposers (food waste)do	3,491 4,085	3,575 4,105	298 334	254 305	316 384	287 340	295 339	337 300	301 318	317 410	323 296	339 363	346 414	386 404	330 347	
Microwave ovens/ranges @ do do do do	9,132 3,074	10,883 3,142	1,276 270	871	1.087	904 254 407	8701	879	1.051	903 301	892 283	1,024 271	1,183 294	1,137 319		
Refrigeratorsdo Freezersdo	5,994 1,281	6,080 1,236	434 66	255 335 70	265 448 90	407 77	240 419 80	266 549 99	257 570 106	692 140	730 159	605 122	597 110	611 94	449 72	<i>,</i> ,,,,,,,,,,,,,,,,,,,
Washers do Dryers (incl. gas) do do do do do do do do do do do do do	5,049 3,684	5,278 3,914	405 340	341 284	490 375	399 308	408 314	446 325	459 309	494 324	521 358	500 356	554 408	600 460	410 350	
Vacuum cleaners (qtrly.)do	3,004	0,814	940		310		914						400			
GAS EQUIPMENT (RESIDENTIAL) Furnaces, warm air, shipmentsthous	1.849	1,822	181	170	155	150	160	140	151	149	147	199	218	252		
Ranges, total, salesdododo	1,849 1,732	71,814	r162	7156	7142	r147	164	144	7150	7178	7127	7156	<sup>7</sup> 189	182		
salesdo	3,502	3,529	288	308	337	323	343	344	270	295	292	273	290	346		
			PET	ROLE	UM, CO	AL, AN	D PRO	DUCTS	3							
COAL									1							
Anthracite: Production †thous. sh. tons	4,162	4,708	386	396	261	243	260	300	294	297	294	325	328	431	373	
Exports	680 611.3	1,286 616.3	164 622.9	55 622.9	8 645.9	7 646.4	61 646.4	118 635.1	52 635.1	150 636.1	195 635.8	162 7635.5	274 635.5	138 635.5	199 635.8	640.1
Bituminous:																
Production †thous. sh. tons  Consumption, total †do	891,759 788,203	878,930 815,134	68,881 64,589	69,593 74,874	78,282 75,490	72,686 65,580	77,569 64,192	74,894 58,626	73,137 61,333	72,671 67,991	66,963	74,149	73,592	76,832	68,671	
Electric power utilitiesdododo	663,329 117,214	692,808 115,856	54,228 9,749	63,316 10,775	63,965 10,782	54,998 9,932	53,810 9,918	48,030 9,917	51,352 9,571	58,828 8,839	67,954	61,730	56,489			
Coke plants (oven and beehive)do	43,987	41,029	8,190	3,311	3,505	3,322	3,558	3,599	3,531	3,069						
Residential and commercialdo Stocks, end of period, total †do	7,660 190,410	6,469 162,977	612 170,400	783 162.977	743 158.033	650 156,440	464 159,034	679 166.082	410 170,029	324 168,606						
Electric power utilities	173,017 17,393	149,188 13,789	156,852 13,548	149,188 13,789	144,896 13,137	143,986 12,454	147,263 11,771	153,949 12,133	157,534 12,495	155,750 12,856	142,932	141,781	144,590			
Oven-coke plantsdo	6,158	3,409	3,384	3,409	3,293	3,177	3,061	3,217	3,373	3,529	7 570	7 559	7,915	7,066	6,475	
Producer Price Index1967=100	80,792 543.5	91,361 543.5	7,969 534.2	7,162 537.1	5,922 537.7	5,145 535.4	6,089 538.3	8,181 536.5	8,489 535.6	7,166 535.1	7,579 535.2	7,553 7534.4	533.9	532.4	530.9	530.7
COKE Production:																
Beehive and oven (byproduct)thous. sh. tons Petroleum coke §do	30,561 32,131	28,651 33,204	2,899	6,689 3,305	3,097	2,705	7,252 3,006	2,828	3,166	7,156 3,158	3,030	3,137	3,146	3,053		
Stocks, end of period: Oven-coke plants, totaldo	3,716	2,553	<u> </u>	2,553			2,319			2,174					<u></u>	
At furnace plantsdododt merchant plantsdo	3,363 353	2,148 404		2,148 404			1,898 421			1,750 424						
Petroleum cokedo	968	1.232	1,050	1,232	1,207	1,183	1,456	1,403	1,454	1,366	1,256	1,304	1,296 26	1,231 72	151	
PETROLEUM AND PRODUCTS	1,130	1,179	128	87	52	18	83	67	113	88	81	240	26	12	191	
Crude petroleum: Producer Price Index	669.8	619.4	621.4	624.3	618.1	489.0	353.1	900.7	293.0	300.8	272.6	r263.8	310.7	308.3	307.3	308.0
Gross input to crude oil distillation	į .		378.9		l			300.7		400.2		1	397.6	395.3		
units @@mil. bbl Refinery operating ratio @@% of capacity	4,471.0 76	4,440.2 78	910.9	395.1 81	389.5 80	338.0 78	364.3 76	377.1 81	411.6 86	86	402.8 84	414.7 87	86			
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	ļ	
Production: Crude petroleumdo	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 liquidsdo Imports:	613.1	607.5	52.1	54.2	55.0	48.9	51.4	47.9	51.4	48.4	50.1	48.6		ĺ	<b></b>	ļ
Crude and unfinished oils do Refined productsdo	1,368.8 620.2	1,308.6 540.3	130.4 52.9	123.6 57.1	112.1 54.8	90.2 39.1	101.1 42.6	122.5 36.8	136.8 49.6	150.0 54.1	152.9 57.3		159.5 49.7	143.5 49.2		
Change in stocks, all oilsdo	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	ļ	
Product demand, totaldo Exports:	6,018.7	6,024.6	496.0	543.6		473.6	523.7	497.0		498.6	518.0	1	1.0		ļ	ļ
Crude petroleumdo Refined productsdo	66.2 196.9	74.5 209.9	8.6 22.4	6.1 22.5	4.9 21.5	4.5 19.6	6.6 15.3	2.8 21.9	3.0 19.0	7.2 11.5	2.0 17.7		4.8 16.5	4.7 20.8		
See footnotes at end of tables.	1				•			1				ı	ı	I	1	1

3-48			SUR	A R. A. C	JE CU.	KKEN	TRO	DINE	22						Januar	y 1987
Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in Units	Ann 1984	ual 1985	198 Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	36 July	Aug.	Sept.	Oct.	Nov.	Dec.
Business Statistics: 1984	1.009				DAL, Al					Juille	July	raug.	Бери			200
	F	PE	INULE	UM, C	JAL, A	ND PRO	DUCT	S-Con	tinuea		<del></del> 1				<del></del>	
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	472.8	491.4	479.9	498.3	517.3	472.7	509.7		
Gasolinedododo	2,458.2 42.2	2,503.3 41.6	203.7 3.1	211.4 7.7	201.7 5.7	180.8 4.2	216.9 4.0	213.5 1.7	217.9 2.4	217.0 1.1	234.2 1.9	231.7 3.0	206.6 1.4	225.1 3.1		
Distillate fuel oildo	1,041.2 501.2	1,046.8 438.8	82.4 38.7	100.9 46.0	100.5 44.5	96.7 40.4	98.2 43.2	88.2 39.7	85.9 41.3	74.4 40.5	76.8 46.8	84.5 46.3	75.4 38.5	90.1		
Jet fueldo	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	ļ	
Lubricantsdododo	57.0 149.5	53.1 155.1	3.8 10.2	3.4 6.1	3.5 6.2	3.9 4.0	4.6 6.7	4.1 12.1	5.5 16.3	4.2 19.3	3.7 21.2	4.1 21.5	4.4 21.0	4.3 18.8		
Liquefied petroleum gasesdo Stocks, end of period, totaldo	575.5 1,556.2	583.6	48.6 1,523.4	58.9 1,518.8	55.7 1,537.8	49.0 1,515.0	47.6 1,489.0	40.4	40.4	41.1	36.7 1,578.1	41.5	44.2 1.620.0	54.8		
Crude petroleumdo	795.9	1,518.8 814.2	812.4	814.2	826.3	827.3	837.8	1,480.3 836.9	1,505.8 828.7	1,541.1 827.2	845.2	1,583.5 837.7	844.2	850.5		
Strategic petroleum reservedo Unfinished oils, natural gaso-	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	1		
line, etcdo Refined productsdo	139.8 620.6	148.0 556.6	152.1 558.9	148.0 556.6	151.0 560.5	151.1 536.6	145.7 505.6	150,3 493.0	154.1 523.0	156.7 557.2	152.8 580.2	144.0 601.8	144.7 631.1	151.5 609.8		
Refined petroleum products: Gasoline (incl. aviation):						ļ					ı		·			
Productiondo	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 perioddo Prices, regular grade (excl. aviation):	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		
Producer Price Index ‡	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	289.3
Leaded	1.129 1.212	<sup>2</sup> 1.115 <sup>2</sup> 1.202	1.123 1.207	1.123 1.208	1.107 1.194	1.034 1.120	.894 .981	.815 .888	.852 .923	.885 .955	.822 .890	.778 .8 <b>43</b>	.797 .860	.771 .831	.762 .821	.764 .82
Aviation gasoline:		1.0	1.201	1.200	1.134	1.120	.501	.000						160.	.021	.024
Production	9.1 2.7	9.3 2.1	2.3	$2.1^{-5}$	.6 2.1	2.4	.7 2.2	.9 2.1	1.0 2.0	1.1 2.1	1.2 2.2	1.4 2.3	1.0 2.5	.9 2.5		
Kerosene: Productiondo	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	<b></b>	
Stocks, end of perioddo Producer Price Index (light	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		
distillate) ‡	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.
Productionmil. bbl	981.2 99.4	980.9 73.1	93.1	98.4 8.9	89.9 9.7	71.8 3.6	82.0 6.7	83.7 4.4	88.6 4.5	82.0 4.9	84.1 9.1	90.7 11.0	85.8 7.2	84.2 7.6		
Stocks, end of perioddo Producer Price Index (middle	161.1	143.7	8.4 139.7	143.7	139.0	112.8	99.3	95.3	97.8	108.8	122.8	138.1	152.6			
distillate) ‡	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.
Residual fuel oil: Productionmil. 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		
Importsdo Stocks, end of perioddo	249.2 53.0	186.3 50.4	18.8 50.3	21.1 50.4	19.5 48.1	16.2 42.7	17.7 38.8	15.1 35.9	20.6 39.6	20.6 43.0	20.7 40.4	24.8 41.3	44.0			
Producer Price Index ‡	1,119.6	983.1	885.7	955.2	877.8	756.5	647.2	517.3	477.7	453.0	434.0	r361.0	417.6			479.
Productionmil. bbl .	414.3	433.9	89.0	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 perioddo Lubricants:	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	·	
Productiondo	58.3 12.7	53.1 11.8	3.4 11.6	3.9 11.8	4.4 12.4	4.5 12.6	$\frac{4.2}{12.0}$	4.3 12.0	5.0 11.3	4.4 11.3	4.3 11.2	4.8 11.3	5.1 11.7	4.4 11.3	} }	
Asphalt:															i	
Productiondo Stocks, end of perioddo	141.3 17.2	146.3 21.2	10.4 19.5	6.9 21.2	6.7- 22.4	6.4 25.2	8.3 27.3	11.5 27.3	15.8 27.8	17.3 27.0	18.0 25.0	18.3 22.6		15.2	2	
Liquefied petroleum gases: Production, totaldo	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.)	488.2	479.3	40.8	43.1	44.5	39.9	41.7	38.8	40.5	38.4	48.2	38.2			J	
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	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	·	······
	τ		PUL	P, PAP	ER, AN	D PAP	ER PRO	ODUCT	<b>'S</b>						<del>1</del>	1
PULPWOOD  Receiptsthous. cords (128 cu.ft.)	100 070	185,499	6,914	6,861	8,088	7,483	7,294	7,591	7,277	7,372	7,770	7,465	7,493	2 9/17	,	
Consumptiondo	87,646	185,744	7,112	6,907	7,880	7,261	7,478	7,742	7,499	7,563	7,812	7,582	7,362	7,779	<del>)</del>	.
Inventories, end of perioddo  WASTE PAPER	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	L	
Consumptionthous. sh. tons. Inventories, end of perioddodo	15,926		1,286 957	1,207	1,399	1,287	1,431	1,358	1,443	1,384 843	1,320	1,390		1,419		
WOODPULP	1,053	7967	957	¢967	954	906	887	891	844	848	884	851	811	940	3	
Production: Totalthous. sh. tons.	. 155,470	154,029	1 100	4,385	4,846	4,407	4,844	4700	4771	4,844	4,742	4,903	4,671	1 221		
Dissolving pulpdo	. 1,206	1,174	4,499 97	93	107	95	109	1 97	110	107	103	113	104	98	3	
Paper grades chemical pulpdo Groundwood and thermo-	. 44,690		3,648	3,555		3,576	3,922		1		3,797	3,961	1	1		
mechanicaldo Semi-chemicaldo	. 5,506 4,069	5,251 4,027	421 333	408 328		425 311	467 346	459 347	466 340	450 345	474 368	469 359	457 338	482 350	ś	
Inventories, end of period: At pulp mills:	I		1										1		1	
Own use woodpulpdodododododododo	. 174 . 585	163 486	190 537	163 486	165 444	157 422	143 372	149 365		171 304	176 353	195 352	186 303	176 292	3	
Market pulp at paper and board	1	}	1	ŀ	l			j	ì	1		1	J	1		
millsdo	. 13,694		448 363	492 295	368	528 196	543 414	358		568 368	579 299			F	312	
Dissolving and special alpha	. 595	631	56 307	42 253	55	48 148	57 357	62 296	63	54 315	46		83	61	li 53	
Imports, all grades, totaldo	4,490	4,466	401	339	383	335	145	349	422	370	401	422		372	2 47	
Dissolving and special alphadodododododododododododododo	. 146	117	14	335	17 366	6 329	15 130	17 332	6 417		396	18 404	18 361		41 9	
See footnotes at end of tables.	1 -,- 20	1 -,- 10	I .	1	ı	1	1	1	1	1	1	1	1	1	1	1
sections at sing of cames.																

Julius Juli			DOIL	ATRIC	JI CO	TOTOTAL	II DU	OTIATIV	202							
Unless otherwise stated in footnotes below, data through 1984 and	Ann	ual	199	85						19	36			- '	1 1 W	7
methodological notes are as shown in Business Statistics: 1984	1984	1985	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
		PUI	.P, PAI	PER, AI	ND PAP	ER PR	ODUC1	rs—Co	ntinued	l						
PAPER AND PAPER PRODUCTS																
Paper and board:	[ ]															9
Production (API); Totalthous. sh. tons	<sup>1</sup> 68,487	167,076	5,585	5,396	5,924	5,471	6,065	5,849	6,046	5,910	5,774	76,114	r5,872	76,173	5,946	
Paperdo Paperboarddo	34,447 34,039	34,042 33,034	2,818 2,767	2,740 2,656	2,985 2,940	2,759 2,713	3,031 3,034	2,923 2,926	2,980 3,065	2,932 2,978	2,881 2,893	73,029 3,085	72,973 2,898	73,116 73,057	2,998 2,948	
Producer price indexes: Paperboard	281.4 259.0	274.6 257.2	266.4 254.8	266.7 253.6	264.6 253.3	265.7 254.8	267.0 257.2	267.6 260.8	269.0 262.4	268.5 262.6	272.2 262.2	<sup>7</sup> 274.9 <sup>7</sup> 262.2	276.8 262.6	280.9 265.0	281.7 262.7	278.7 262.5
Selected types of paper (API):	1 200.0	201.2	202.0	200.0	200.0	201.0	201.2	200.0	202.1	202.0			202.0	200,0		202.0
Groundwood paper, uncoated: Orders, newthous. sh. tons	<sup>1</sup> 1,575	11,477	126	105	142	115	128	127	115	139	152	138	122	7130	126	
Orders, unfilled, end of perioddo Shipmentsdo	140 11,565	106 1,516	111 137	106 112	118 128	116 117	115 127	103 127	99 120	117 123	141 128	149 126	7141 132	7132 137	129 127	
Coated paper:											1.5			14 3 4 4		
Orders, newdo Orders, unfilled, end of perioddo	46,281 575	<sup>1</sup> 5,642 393	474 426	444 393	547 400	490 404	533 428	479 405	487 402	529 424	529 475	562 467	7549 7478	7555 7458	520 434	
Shipmentsdo	6,249	5,075	472	448	521	488	504	510	497	504	484	556	555	569	548	•••••••
Uncoated free sheet papers: Orders, newdo	18,939	19,704	869 839	775	890	827	879	866	904	875	889	922	r841	7918	903	
Shipmentsdo	19,510	110,012	839	832	916	826	929	875	896	897	893	903	893	953	918	
Unbleached kraft packaging and industrial converting papers:	1													47.34		
Shipmentsthous. sh. tons	13,666	13,403	273	271	290	263 399	295	292	282 445	278	277 395	277	274 7415	272 7454	263 420	
Tissue paper, productiondo Newsprint:	<sup>1</sup> 4,921	<sup>1</sup> 4,941	411	410	428	399	436	424	.445	419	595	r430	415	494	420	
Canada:	9.013	0.000	6.45	coc	770	700	747	777	700	770	818	780	744	808		
Production	9,013 9,018 298	8,988 8,996 290	747 760 371	696 777 290	772 713 349	726 696 379	754 378	800 349	783 771 361	807 324	758 384	790 374	840 278	816 270		
United States: Productiondo	5,025	4,924	397	398	420	394	444	409	446	420	433	441	420	426		
Shipments from millsdo	5,065	4,927 57	406 65	406	387 90	394 90	484 99	415 93	443 96	425 90	433 89	444 86	437 69	436 58		
Inventory, end of perioddo Estimated consumption, all	60	51	65	57	90	90	991	95	. 96	90	89	86	69	98		•••••
users \$do Publishers' stocks, end of period #	11,431	11,580	1,041	1,015	918	881	1,004	1,000	1,035	996	931	997	999	1,064		
thous metric tons	874	910	889	910	920	927	904	889	870	869	892	893	904	901		
Importsthous sh. tons Producer Price Index,	7,899	8,472	691	683	708	722	708	659	752	678	823	760	668	726	791	
standard newsprint1967=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 shipmentsmil. sq. ft. surf. area	267,547	264,128	<sup>7</sup> 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	
					AND R				20,000	,	20,010	1				-
	· · · · · ·		, 100	DDER	ANDI	OPPEL	TIOL	0015				· · · · · ·	· ·			
RUBBER Natural rubber:	i i	· ·	·							1						
Consumptionthous. metric tons	750.74 96.39	774.68 95.17	65.71	52.37	59.43 96.95	71.83	71.27	81.94	45.45 98.63	54.56	769.90 793.83	749.93 786.39	57.04 91.57			
Stocks, end of perioddo Imports, incl. latex and guayule	90.59	99.17	85.13	95.17	96.99	96.90	100.42	98.58	98.63	96.65	195.55	780.39	91.57	•••••		
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 *	93.4	71.9		70.3			77.5			74.6			76.7		<b></b>	79.2
Productionthous. metric tons	2,155.96	1,907.07	149.17	131.76	166.52	158.38	189.14	178.57	167.81	164.87	155.27	170.47	178.59			
Consumptiondododo	2,062.30 372.05	1,874.72 348.95	154.00 367.00	140.27 348.95	160.66 352.75	146.91 352.99	175.73 397.65	157.56 402.96	163.85 238.61	147.99 247.52	7151.45 7239.88	168.54 233.40	160.60 236.47			•••••
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:												1				
Productionthous	1209,375		15,198	13,786	16,306	15,966	16,968	16,037	15,003	14,647	14,203		16,540	18,180	ļ	
Shipments, total	242,454 58,770	242,049 62,536	19,290 5,128	17,916 4,233	19,407 5,603	16,966 5,323	18,910 5,429	20,442 5,459	5.417	22,107 5,532	18,829 3,978	4.532	22,025 5,359	23,418 5,695		
Replacement equipmentdo	176,287	173,553	13,797	13,274	13,366	11,168	13,021	14,526	14,229 368	16,229 346	14,457	16,252	16,142 524	17,205 518		
Exportsdo  Stocks, end of perioddo	7,397 39,623	5,960 39,823	365 40,023	409 39,823	438 40,717	475 43,499	460 45,359	457 44,519		40,009	394 38,036		34,890	34,130		
Exports (Bu. of Census)do	6,410	5,627	322	404	409	365	450	386	434	334	350		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	
	1,012	1,120	L		L	09	- 30	- 01	- 55		L 31		L 30		1 200	

S-30			SUR	VEY (	)F CU.	KKEN	T BU	21NE	55						Januar	y 1987
Unless otherwise stated in footnotes	Anı	rual	198	85						198	6			<del></del>		
below, data through 1984 and Units methodological notes are as shown in Business Statistics: 1984	1984	1985	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<del></del>	·	STO	NE CL	AY, AN	D GLA	SS PRO	DUCTS								
PORTLAND CEMENT				12,02			35 1 100	20011								
Shipments, finished cementthous. bbl	435,787	<sup>1</sup> 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					,		ĺ	, ,			<i>'</i>		,	·		
Shipments: ‡ Brick, unglazed (common and face)	1					j		- 1	1	.	l					
mil. standard brick Structural tile, except facingthous. sh. tons	. 6,990.6		519.6	430.4	487.6	408.0	543.7	681.7	678.4	686.1	700.0	7668.2	666.6 9.2			
Sewer pipe and fittings, vitrifieddo	52.7 442.6	72.8 436.7	5.6 24.2	3.5 21.3	3.9 19.9	2.9 12.9	4.9 17.3	5.5 27.0	30.8	6.6 28.0	6.9 32.8	7.3 <sup>28.3</sup>	31.3			
Floor and wall tile and accessories, glazed and unglazedmi. 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 *	1	101.4	102.3	103.7	104.7	104.7	104.7	104.8	105.2	105.3	105.1	105.6	106.1	105.8	105.9	105.2
GLASS AND GLASS PRODUCTS	<u> </u>	101.4	102.0		104.1	104.1	104.1	104.0	100.2	100.0	100.1	100.0	100.1	100.0	100.0	100.2
Flat glass, mfrs.' shipmentsthous. \$	955,088	1,174,380		312,221			284,475			314,089			330,318			
Glass containers: † Productionthous. gross	291,682	273,695	22,627	18,085	22,887	23,649	25,353	25,291	25,926	25,919	25,409	<sup>25,171</sup>	23,556			l
Shipments, totaldo Narrow-neck containers:	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			
Fooddo	. 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			
Beer do do de de de de de de de de de de de de de	90,796	83,777	4,088 5,859 1,822	3,882 6,316	4,303 7,209	4,065 6,542	4,861 7,222	6,173 7,878 2,585	5,884 7,742 2,582	5,856 8,080	5,899 8,333	5,248 7,128	4,687 6,965			
Liquor and winedo Wide-mouth containers:	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			•••••••
Food and dairy productsdo	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		<b></b>	
Narrow-neck and wide-mouth containers:  Medicinal and toiletdo	. 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 in- dustrialdodo	2,367	1,957	169	152	177	161	149	157	104	102	113	79	78		<u></u>	
Stocks, end of perioddo			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:	l		100								1	!				
Crude gypsum (exc. byproduct)thous. sh. tons			1,262	1,276	1,919	1,084	1,135	1,378 1,543	1,363 1,446	1,342	1,284 1,431	1,332 1,531	1,375 1,625	1,463		
Calcined do	14,829		1,366 739	1,473 1,074	1,511 694	1,173 804	1,542 640	659	784	1,445 958	993	1,009	r832	1,489 707		
Sales of gypsum products:	1454	4 900	358	974	271	266	212	900		917	308	338	297	296	Į	
Uncalcineddo Calcined:	14,544			374	211	200		266	253	317	300	990	291	290	·	
Industrial plastersdo Building plasters, total	1522	544	43	36	46	41	47	15	13	14	14	13	14	16		
(incl. Keene's cement)dodo Board products, total		,	17	15	16	15	24	25	23	23	24	25	1	25 1,952		
Lathdo	32		1,620 2	1,585 2	1,696 3	1,369 2	1,697 2	1,880 2	1,712 2	1,628 2	1,715 2	1,757 2	1,795 2	1,952		
Veneer basedododo	407 323		34 28	39 23	41 32	30 20	39 28	43 31	41 31	40 28	40 30	41 26	43 27	45 26		
Regular gypsum boarddo	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 boarddododo			460 11	451 10	487 11	397 9	472 10	530 11	496 11	481 10	494 11	499 10		538 11		
%6 mobile home boarddododo	1880		66 45	53 45	59 50	56 37	63 46	76 53	70	60 48	64 50	68 51	64	76 57		
water/moisture resistant board		. 020	1 40	٠	EXTILE			901	32	40	30	- 51				1
	T		T	11	ALILE	TIVUD	0018			Γ -			1			
FABRIC Woven fabric, finishing plants:	1		1 :-			,							1			
Production (finished fabric)mil. linear yd Cottondo	7,538 2,515		584 215	³624 ³226	³631 ³233	560 215	539 201	³661 ³241	538 201	536 201	³538 ³186	531 192	³533 ³197			ļ
Manmade fiber and silk fabricsdo.	5,022	4,343	369	³398	³398	345	338	³419	336	335	³351	339	3336			
Inventories held at end of perioddo . Cottondo	276	228	613 237	582 228	509 187	509 189	510 186	505 185	508 184	507 179	535 188	559 205	555 207		<u> </u>	
Manmade fiber and silk fabricsdo.	354	354	376 535	354	322 516	320 543	324 520	320 589	324	328 495	347 514	354 516			·}	ļ
Backlog of finishing ordersdodo			180	183	189	198	190	188	187	156	177	182	190			
Manmade fiber and silk fabricsdo. COTTON AND MANUFACTURES	1	1	355	349	327	345	330	351	338	340	337	334	339	}	†····	
Cotton (excluding linters):					•										1	
Production: Ginnings &thous. running bales	12,545			12,365	<b>.</b>			ļ	ļ		147	624	2,408	5,291		
Crop estimatethous. net weight bales § Consumptionthous. running bales				³ 486	³ 595	499	492	³ 620	503	489	³ 522	534	523	r3 683	9,792	³ 568
Stocks in the United States, total, end of period #thous running bales			14,326	1	1	12,121	11,478	10,725		9,528	9,045	18,113		15,366	1	i .
Domestic cotton, totaldo.	11.441	13,682	14,325	13,682	12,897	12,120	11,477	10,724	10,161	9,528 9,527 787	9,044	18,112	16,703	15,366	14.639	13,416
On farms and in transitdo. Public storage and compressesdo.	7.551	10,696	4,793 8,963	10,696	10,726	10,271	1,890 9,624	902 9,035	8,645	7,931	150 8,124	1,049 7,393	7,996	9,519	10,148	10,252
Consuming establishmentsdo	682	612	569	612	681	724	764	787	779	809	770	670	588	561	578	624
See footpotes at and of tables																

Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in BUSINESS STATISTICS: 1984  Units	Ann 1984	1985	Nov.	85 Dec.	Jan.	Feb.	Mar.	Apr.	May	June 198	July	Aug.	Sept.	Oct.	Nov.	Dec.
			Т	EXTIL	E PROL	OUCTS-	–Conti	nued						<del></del>		
COTTON AND MANUFACTURES—Cont.					Ì											
Cotton (excluding linters)—Continued	ĺ						l	ļ		i				[		
Exportsthous. running bales Importsthous. net-weight bales §	6,516 12	4,756 46	223 4	187 12	396	180	176	163 (1)	76 (1)	55 (1)	(1)	261	346	314	529 (1)	
Price(farm). American unland A 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	(1) 47.4	47.1	752.9	°55.4
Price, Strict Low Middling, Grade 41, staple 34 (11/16"), average 10 marketsents per lb	³73.1	³60.5	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, totalmil	13.1	12.5	12.2	12.5	12.5	12.5	12.2	12.3	12.3	11.8	11.8				L	
Consuming 100 percent cottondo	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, totalbil	84.6	75.5	6.3	46.3	47.6	6.5	6.2	47.8	6.4	6.1	46.5					
Average per working day do Consuming 100 percent cotton do	.327 30.9	.270 27.4	.314 2.2	.254	.305 42.7	.325 2.3	.312 2.1	.311	.319 2.2	.307 2.1	.260				[	
Cotton cloth:	00.0	: 41.4	2.2	2		2.0			2.2		2.2					
Cotton broadwoven goods over 12" in width:	4,002	3,921		955	1		1,045	i		944		. 1		1		
Production (qtrly.)mil. sq. yd Orders, unfilled, end of period, compared	4,002	3,321		. 500.			1,045			344						
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				1		· !
Inventories, end of period, compared with avg. weekly productionno. weeks' prod			1			1	- 1	- 1	[]							
Ratio of stocks to unfilled orders (at cotton	4.3	4.5	3.9	4.4	3.4	3.7	3.5	3.3	3.1	2.8						
mills), end of period	.34	.47	.36	.31	.29	.33	.31	.27	.25	.22					r	
net-weight480 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 equivalentdo	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	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							1				·		.			!
Fiber production, qtrly: Acetate filament yarnmil. lb	198.2	204.6		48.9			54.3			54.7			54.1			
Rayon staple, including towdo	389.2	352.7		94.1			95.1			99.7			103.4			
Noncellulosic, except textile glass: Yarn and monofilamentsdo	3,524.4	3,790.2		952.3			965.0			923.7			938.7		L	
Staple, incl. towdo	3,947.3	3,773.3		973.0			972.7			979.5			1,000.9			
Textile glass fiberdo Fiber stocks, producers', end of period:	1,394.0			•••••	<b> </b>	•••••••••••••••••••••••••••••••••••••••										
Acetate filament yarnmil. lb	12.4	12.3		12.3			13.3			12.5			14.0			
Rayon staple, including towdo Noncellulosic fiber, except textile glass:	28.5	22.5		22.5	······		19.7			20.5			21.5			
Noncellulosic fiber, except textile glass: Yarn and monofilamentsdo	301.7	292.5		292.5 311.8			317.1 332.3			305.3 330.5			298.1 308.5			
Staple, incl. towdo  Textile glass fiberdo	352.7 210.0	311.8		311.8			332.31			330.5			6.606			
Manmade fiber and silk broadwoven fabrics:	** 050 4	10 500 0		0.000.4		l	i						1	i 18		
Production(qtrly.), total #mil. sq. yd Filament yarn (100%) fabrics #dodo	11,852.4 4,947.8	10,796.6 4,754.9		2,696.4 1,229.9												
Chiefly rayon and/or acetate fabricsdo							1									
Chiefly nylon fabricsdo	579.0	371.8		84.5												
Spun yarn (100%) fabrics # do Rayon and/or acetate fab-	5,615.7	4,903.1		1,181.1	······		•••••••••••••••••••••••••••••••••••••••								·····	
rics, blendsdo Polyester blends with cottondo	112.9 4,317.7	36.5		9.0	<b> </b>										اا	
Acetate filament and spun		3,844.0		920.9		••••••										
yarn fabricsdo Producer Price Index, gray synthetic	1,057.0	866.6		212.2	······										·····	l <sup></sup>
broadwovens	152.0	147.2	147.0	147.1	147.1	147.3	147.2	147.9	147.2	147.4	147.5	<sup>7</sup> 145.9	145.4	144.4	144.2	144.6
Manmade fiber textile trade:	407.07	440.15	07.01	00.55	00.00	07.00	1		40.01	40.10	49.44				!	
Exports, manmade fiber equivalentmil. lbs Yarn, tops, thread, clothdo	487.87 179.06	449.15 206.29	37.61 19.26	32.77 15.29	39.88 18.74	35.33 15.58	41.67 20.12	45.91 22.30	46.01 18.66	40.12 17.94	41.41					 
Cloth, wovendo Manufactured prods., apparel,	109.40	124.87	12.50	8.27	10.12	9.34	10.72	10.91	13.32	10.85						
furnishingsdo	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 equivalentdo	1,342.57 227.46	1,491.03	122.32 21.70	114.33	142.31	130.04	132.47	125.18	147.02	159.71	179.65 30.94					
Yarn, tops, thread, clothdo Cloth, wovendo	154.95	268.06 186.20	14.63	18.77 12.92	23.88 16.91	23.39 15.91	28.00 19.65	7.00 18.69	27.47 20.31	29.13 21.43	22.14	32.30				
Manufactured products, apparel, furnishingsdo	1,115.10	1.222.97	100.62	95.57	117.89	128.77	146.70	97.71	146.70	128.77					Ĺ	
Apparel, totaldo	687.47 270.57	800.10	61.87	59.30	74.40	70.34	67.74	61.64	106.13	88.51						
WOOL AND MANUFACTURES	210.51	334.76	25.54	22.27	27.82	27.13	26.92	28.05	56.12	45.72						
Wool consumption, mill (clean basis):			l .		]		)									ĺ
Apparel classmil. lb Carpet classdo	129.0 13.1	106.1 10.6	8.8 .7	48.9	12.6 1.1	11.1	11.6 .8	413.5 4.9	10.8	11.4 .6	*12.3	9.9 1.0	10.0 1.0	11.8 11.0		
Wool imports, clean yielddo	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-freedo Wool prices, raw, shorn, clean basis, delivered	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	
to U.S. mills:			1.											1 .	!	ĺ
Domestic—Graded territory, 64's, staple 234" and updollars per lb  Australian, 64's, Type 62, duty-paiddo	2.28 2.63	1.92	1.93	1.93	1.93	1.89	1.80	1.88	1.98	1.98		1.90	1.90	1.90		1.90
Australian, 64's, Type 62, duty-paiddo Wool broadwoven goods, exc. felts:	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
Production (qtrly.)mil. sq. yd	159.4	138.3	ļ	34.0	ļ		37.7			38.8				ļ		<b></b>
FLOOR COVERINGS	l .		i											( )	1	1
Carpet, rugs, carpeting (woven, tufted, other), shipments, quarterlymil. sq. yds	1,114.9	1,159.2	<b>.</b>	287.7	<b>.</b>		l			i						l
	i														-	
APPAREL		(		500	449	515	600	600	.010	000	1 001			(		1
Women's, misses', juniors' apparel cuttings:	10.040	10 540					626	693	619	903				· · · · · · · · · · · · · · · · · · ·	<b></b>	······
	12,242 158,968	10,540 152,060	774 10,280	10,327	14,324	18,134	13,776	14,085	10,545	9,966	8,545					
Women's, misses', juniors' apparel cuttings: Coatsthous. units. Dressesdodo Suits (incl. pant suits, jumpsuits)do	158,968 11,433	152,060 10,986	10,280 1,172	10,327 1,087	14,324	13,134	13,776									
Women's, misses', juniors' apparel cuttings:           Coats	158,968 11,433 97,529	152,060 10,986 93,577	10,280 1,172 7,200	10,327 1,087 6,870	14,324 8,693	13,134 8,671	13,776 9,120	8,574	7,484	7,524	7,115					
Women's, misses', juniors' apparel cuttings:         Coats	158,968 11,433	152,060 10,986 93,577 242,442	10,280 1,172	10,327 1,087 6,870 16,614	14,324	13,134	13,776				7,115 16,486					

3-34			SOIL	A EST C	F CUI	OT CITAL A	I DU	7111120	, C						Janua	ry 1981
Unless otherwise stated in footnotes below, data through 1984 and methodological notes are as shown in Business Statistics: 1984	Ann 1984	ual 1985	198 Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June 198	6 July	Aug.	Sept.	Oct.	Nov.	Dec.
	<b>!</b>		T	EXTIL	E PROD	UCTS-	_Conti	nned								<u> </u>
APPAREL—Continued						COID		lucu								
Men's apparel cuttings: Suits	12,548 20,864 122,965 179,496 40,783 309,357	12,403 19,794 116,413 186,355 40,363 308,660	1,042 1,615 9,080 17,678 3,523 28,412	893 1,288 7,219 12,763 3,041 22,891	984 1,550 10,188 16,035 3,755 24,239	959 1,516 10,166 15,949 3,890 24,442	888 1,503 10,338 12,599 4,072 25,537	1,002 1,662 10,551 12,917 4,421 28,452	987 1,485 9,138 13,758 4,019 23,734	822 1,620 8,165 16,492 3,759 25,127	597 1,423 7,707 13,479 3,350 27,870	25,029	23,817	30,818	29,989	
			T	RANSP	ORTAT	ION E	QUIPM	ENT								
AEROSPACE VEHICLES Orders, new (net), qtrly, total mil. \$. U.S. Government do Prime contract. do Prime contract. Sales (net), receipts, or billings, quarterly, total do U.S. Government do do do do U.S. Government do do do do do do do do do do do do do	3104,863 366,968 3101,556 388,941 355,777	110,450 69,722 107,915 100,144 63,515														
Backlog of orders, end of period #	*132,507 *85,626 *56,587 *13,602 *17,823 *17,881	142,813 91,833 62,553 13,638 18,192 19,091														
Aircraft (complete);         do           Shipments †	7,911.5 33,450 3,989	10,939.9 40,872 6,252	694.5 2,643 440	2,181.3 7,306 798	755.3 ( <sup>5</sup> ) 201	819.7 575	1,337.2 921	925.5 531	1,138.7 443	1,063.0 718	1,134.2 720	<b>994.1</b> 578	<sup>7</sup> 796.0 493	1,239.4 882	476	
Passenger cars:         Factory sales (from U.S. plants):         thous.           Total	7,621 7,030 10,394 7,952 2,442	8,002 7,337 11,039 8,205 2,834	658 601 762 516 247 10.0 6.7	540 499 812 558 254 11.3 8.0	713 662 870 636 234 11.4 8.5 2.9	675 618 832 613 219 10.8 8.0	655 590 897 649 248 9.8 7.0	713 647 972 720 252 11.2 8.0	685 615 1,072 786 286 11.4 8.2 3.1	706 630 1,001 736 265 611.1	505 466 954 649 305 10.7	426 401 952 673 279 12.7 9.4	637 581 1,217 925 292 16.1 12.3	684 627 906 633 273 10.3 7.0	521 262 10.8 7.0	67 2 *31 5 *13.
Imports \$	1,415 1,411 2.1 613.66 589.30	1,630 1,603 2.3 701.16 677.19	3.2 1,606 1,588 2.8 59.19 56.75	1,630 1,603 2.4 42.25 39.36	2.9 1,763 1,685 2.4 57.26 55.42	2.8 1,867 1,741 2.6 63.52 61.99	1,907 1,796 3.1 69.63 66.50	3.2 1,945 1,809 2.7 73.01 70.22	3.1 1,867 1,755 2.6 58.90 56.99	1,860 1,733 12.5 80.32 77.72	3.3 1,726 1,696 2.7 39.18 36.68	3.4 1,557 1,548 2.0 20.62 18.97	3.8 1,293 1,178 1.1 59.52 59.01	3.3 1,413 1,294 2.2 50.50 45.95	1,537 71,376 2.8 54.20	1,49 3 1,27 3 1
Imports (TC), complete units	3,559.4 1,067.4 10,129 2,524	4,394.9 1,146.3 10,889 13,011	410.5 106.9 828 284	429.3 100.0 849 294	395.2 89.8 913 277	351.5 95.4 822 236	381.0 104.2 848 259	380.9 117.8 906 266	410.4 110.4 918 260	460.8 113.7 1,012 272	435.7 52.2 934 284	328.9 60.0 894 298	322.5 97.5 1,149 317	393.1 104.4 948 301	120.5 719 269	]
Factory sales (from U.S. plants):  Total	3,075 2,884 3,485.4	3,357 3,126 3,913.2	276 255 303.0	242 220 318.8	294 274 283.0	280 262 282.2	281 258 318.2	308 281 340,3	298 272 377.2	299 273 359.1	251 234 328.0	264 247 320.8	318 295 430.9	306 279 296.5		
Total, not seasonally adjusted         .do           0.10,000 lbs. GVVW         .do           10,001 lbs. GVW and over         .do           Total, seasonally adjusted         .do           0-10,000 lbs. GVW         .do           10,001 lbs. GVW and over         .do	. 278.2	3,618.3 294.8	283.1 19.9 339.2 313.7 25.5	291.3 27.5 349.4 321.9 27.5	262.2 20.8 299.1 277.4 21.6	264.7 17.4 298.4 277.7 20.7	295.0 23.1 266.8 244.6 22.2	315.0 25.3 310.7 287.9 22.8	354.1 23.2 332.5 310.7 21.8	333.9 25.3 330.0 306.3 23.8	304.0 24.0 314.2 292.7 21.5	299.1 21.6 405.8 383.3 22.5	407.9 23.1 454.7 431.9	271.9 24.7 301.4 277.9 23.5	241. 19. 293. 268.	8 4
Retail inventories, including captive imports, end of period:  Not seasonally adjusted	782.8 802.0 153.38		872.1 854.5 17.94 113.35	827.6 849.2 16.31 116.58	907.5 4881.1 15.51 140.09	959.8 936.4 15.47	976.5 958.3 16.66	1,006.3 989.5 20.68 130.22	991.1 973.6 30.05	984.0 958.1 20.23 131.18	935.9 1,010.7 13.62 138.47	923.3 964.8 7.18 124.20	860.6 23.28	881.6 875.5 19.44 94.75	885.′ 15.4′	7
Registrations & new vehicles, excluding buses not produced on truck chassisthous.  Truck trailers and chassis, complete (excludes detachables), shipments ††number. Van type ††do.  Trailer bodies (detachable), sold separately ††do.	4,049 213,911 159,931	<sup>1</sup> 4,675 175,152 124,556 252	14,435 10,840	16,364 12,182	374 13,091 9,122 22	345 11,719 8,266 14	370 14,776 10,779 64	401 15,072 10,696	407 15,760 11,412 66	434 15,315 11,444 81	405 14,309 10,906 55	397 14,920 11,572	716,014 712,571	14,916 11,144	1	
Trailer chassis (detachable), sold separately ††	. 24,205	11,286	1,082	374	845	568	415	567	430	771	380	352	342	620		
Shipments	112,396 112,396 15,460 15,054 5,154 4,748	111,674 19,510 19,510 1,759 1,759	910 350 350 1,834 1,834	714 558 558 1,759 1,759		544 544 1,425 1,425 2,697 2,697	574 574 1,252 1,252 3,375 3,375	607 607 1,850 1,850 4,618 4,618	827 827 955 955 4,746 4,746	4,232	3,782	3,702	1,096 1,096 3,664 3,664	1,132 728 728 3,258 3,258	88 66 66 3,03 5 3,03	6 8 7 7
Number owned, end of periodthous Capacity (carrying), total, end of month mil. tons Average per cartons	. 948 78.13 82.40		772.80	72.17	862 71.77 83.27	71.36 82.30	70.98 83.49	70.41 83.62	836 69.92 83.68		825 68.97 83.56	68.71	68.36	68.04	67.9	8 0 3

#### 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.
- 8 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

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

#### Page S-5

- Based on unadjusted data.
- 2. 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.
- # Includes data for items not snown separatery.
  † 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.
- 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
- Burcau 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

- 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.
- 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 sales 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
- † 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

- ♦ Sec 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
- (a) Insured unemployment as a percent of average covered employment in a 12-month period.

#### Page S-14

- 1. Data are for fiscal years ending Sept. 30 and include revisions not distributed to the months.

  2. 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:
- MI.—This measure is currency plus demand deposits at commercial banks and interest-carning checkable deposits at all depository institutions—namely NOW accounts, auto-matic 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 com-
- mercial 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 deep the large and deposit of the liquid institutions.
- 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.
- 8 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

## 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.
- Restaurant sales index data represent hotels and motor hotels only.
- 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

- Reported annual total; monthly revisions are not available.
- For month shown
- 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

- 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
- # 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.

- See note "@" for this page. Reported annual total; revisions not distributed to the months.
- Based on a 10-month average.
- 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.
- Reported annual total; revisions not distributed to the months.
- Crop estimate for 1986.
- Totals include data for items not shown separately.

#### 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.
- 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
- 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 histori-
- cal 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 pro-
- duction)," 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

#### 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 and the Control of the
- † 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.  $\diamondsuit$  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.

- Data cover five weeks; other months, four weeks.

  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.
- Annual total includes revisions not distributed to the months.
- 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 in-# Includes data not shown separately.

  Bales of 480 lbs.. cludes discounts and premiums).

#### Page S-32

- 1. Annual total includes revisions not distributed to the months.
- 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 Effective with 1984, data are eported on an annual basis only. The annual/end of year figure for 1982 has been revised and is available upon request.
   See note "@" for this page.
   Data are no longer available.
   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.
- $\diamondsuit$  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.

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