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Note.—This issue of the Survey went to the printer on Sept. 8, 1988. It incorporates data from the following monthly BEA news releases:

Gross National Product (Aug. 25), Personal Income and Outlays (Aug. 26), and Composite Indexes of Leading, Coincident, and Lagging Indicators (Aug. 30).

the BUSINESS SITUATION

REVISED estimates show that real GNP, a measure of production, increased at an annual rate of $3^{1/2}$ percent in the second quarter of 1988; the advance estimates had shown an increase of 3 percent (see table 1 on page 20). The increase in real gross domestic purchases, a measure of demand, was also revised up, to $1^{1/2}$ percent at an annual rate, from 1 percent. Increases in both the GNP price index (fixed weights) and the gross domestic purchases price index (fixed weights) were unrevised at an annual rate of $4^{1/2}$ percent.

Although the production and demand totals were not revised substantially by the incorporation of newly available source data, several major components showed sizable-largely offsetting-revisions.1 Real Federal Government purchases of goods and services was revised up \$5.7 billion (due to Federal outlays data for June), personal consumption expenditures for goods was revised up \$5.7 billion (largely due to revised retail sales data for May), and producers' durable equipment was revised up \$2.4 billion (largely due to aircraft shipments data for June). The largest downward revision was in change in business inventories; \$6.1 billion of the \$9.0 billion revision was in farm inventories.

About one-half of the revision in farm inventories reflected BEA's revised estimate of crop and livestock losses due to the drought in most of the Midwest and major parts of the East.

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

BEA's estimate is described in the next section. The second section discusses the recent sensitivity of real product and price measures to the weight year used in their calculation. The third and fourth sections discuss corporate profits, for which data become available at the time of the preliminary GNP estimate, and the government sector.

Effects of the Drought on Farm Output

On the basis of information from the U.S. Department of Agriculture (USDA), BEA now estimates the 1988 loss of constant-dollar farm output due to the drought at \$14 $^{1/2}$ billion. The estimate was based on the difference between the USDA June forecast of the physical quantity of output, representing conditions before the drought, and the August forecast, which reflects the results of surveys of acreage planted and prospective yields conducted in late July and early August. This difference, after conversion by BEA into constant (1982) dollars, indicates crop losses of \$13 billion-about one-half in corn and one-quarter in soybeans and wheat—and livestock losses of \$11/2 bil-The revised losses are \$3 billion higher than last month's estimate, which was based on the USDA July forecast; crop losses account for the entire upward revision. The estimates are subject to further revisions as information from more comprehensive USDA surveys becomes available.

On a quarterly basis, BEA estimates the second-quarter loss at \$9½ billion (annual rate), \$4 billion higher than last month's estimate. As noted in the July "Business Situation," BEA derived the loss in livestock output for the second quarter using information about earlier-than-usual sales and the loss in crop output using a special procedure that spreads the loss for the year over quarters.

This procedure is used because the procedure normally used for several of the national income and product account (NIPA) components that reflect activity in the farm sector-change in farm inventories and farm income, both corporate and noncorporatewould not properly record the timing of the effects of the drought. der the normal procedure, estimates of both current- and constant-dollar change in crop inventories, which also affect the estimates of farm income. are prepared by BEA as the difference between output and sales. BEA estimates quarterly output by interpolating between annual estimates derived from USDA reports, including their forecast for the most recent year, and BEA estimates quarterly sales on the basis of USDA receipts from farm marketings and Commodity Credit Corporation (CCC) loan activity.

Looking Ahead . . .

• Local Area Personal Income, 1981-86. A five-volume publication containing metropolitan area and county estimates of personal income and supporting detail is now available. Order information appears in the box on page 28.

• International Services. Data for 1986 collected in the benchmark survey of selected services transactions with unaffiliated foreign persons will be presented in the October SURVEY. The survey collected data on 18 different types of services. For most of the services, data on trade with unaffiliated foreigners previously had not been available.

^{1.} The revised or additional major source data that are the basis for the revisions are listed in the note to table 1 on page 20.

Using the normal interpolating procedure, the effects of the drought on farm output (and thus on inventories and income) would have been spread to the guarters of 1987, 1988, and 1989. This procedure was rejected because the results would have been inconsistent with the timing of similar losses in nonfarm inventories and with the timing of the effects of the farm output losses on other NIPA components. (For the same reasons, the normal procedure has been rejected in similar situations in the past—most recently, for the 1983 drought.) Losses due to the destruction of nonfarm inventories are recorded in the period the loss is recognized. The effects of the losses in farm output on other NIPA componentssuch as nonfarm inventory change, agricultural exports, and CCC inventory change-will be recorded during the harvest period.

To reflect more accurately the timing of the losses in crop output, BEA used a procedure that allocated the losses to the growing season but with the harvest period receiving higher allocations. Specifically, BEA estimated the drought losses by averaging two series. The first allocated the losses equally to the second, third, and fourth quarters of 1988. This allocation acknowledges that farmers recognized their losses during all three of the quarters that span the growing season. The second allocated the losses to the harvest period-25 percent in the third quarter and 75 percent in the fourth, reflecting the typical harvest period of the affected crops. This allocation recognizes the timing of the effects of the losses on other NIPA components. Total farm output for the quarters of 1988 was derived by subtracting the estimated losses from pre-drought farm output based on normal interpolation procedures.

Using the annual losses in crop output of \$13 billion in constant dollars. \$8¹/₂ billion (annual rate) was allocated to the second quarter, \$15 billion to the third quarter, and \$28 billion to the fourth. Including the allocation of losses in livestock output, total losses due to the drought reduced secondquarter real GNP by \$91/2 billion and will reduce third- and fourth-quarter real GNP by $$16^{1/2}$ and $$31^{1/2}$ billion, respectively. Changes in real GNP will be correspondingly reduced by about 1 percentage point in the second quarter, by 1/2 percentage point in the third quarter, and by $1^{1/2}$ percentage points in the fourth quarter.

The estimates of the losses in farm output enter the calculation of change in farm inventories and of farm income. The extent to which the losses affect the estimates of the change in farm inventories depends on the extent to which they affect sales. In the second quarter, sales do not appear to have been affected, so that the entire \$9^{1/2} billion loss reduced inventory change. In the third and fourth quarters, sales probably will be affected, but by amounts that cannot be estimated because the drought's effects cannot be identified in the underlying source data. Consequently, it will not be possible to estimate the effects on the change in farm inventories in these quarters. For farm income, no attempt has been made to estimate the drought's total effects. Although the extent to which the quantity of farm output is reduced because of the drought is known, farm income is also affected by drought-induced changes in crop prices, farm subsidies, and production expenses. Finally, the drought's effects on NIPA components that reflect purchases of farm products also cannot be estimated because the effects cannot be identified in the underlying source data.

GNP Growth and Price Change with Recent Weights

For some recent quarters, the published growth rate of real GNP, which is expressed in 1982 prices, has been larger than the growth rate of real GNP expressed in prices of a more recent period. Growth from the second quarter of 1987 to the second quarter of 1988 is 4.3 percent based on 1982 dollars, but only 3.7 percent based on a chain measure (described below) that changes weighting period from quarter to quarter. Rates of price increase have also been larger with 1982 weights than with more recent weights, but by a smaller margin than real growth rates.

Weighting period sensitivity is not a new phenomenon. It tends to increase with the length of time since the weight year. The rapid fall in computer prices, coupled with rapid growth in computer output, is an important contributor to the current sensitivity. From 1982 to 1987, real purchases of office, computing, and accounting machinery—the category of producers' durable equipment that includes computers—increased by 296 percent (in 1982 prices), while the

fixed-weighted price index for the same category of equipment fell by 45 percent. The increase in real purchases of computers contributes far more to the growth of real GNP when computers are valued at 1982 prices than when they are valued at their much lower recent prices. The fall in price, in contrast, contributes far less to the change in a GNP price index when its weight is calculated using 1982 purchases than when its weight is calculated using recent purchases.

In general, measures of growth and price change are lower with more recent weighting periods whenever (1) goods and services whose prices have decreased relative to the overall price level have tended to grow rapidly, and (2) goods and services whose prices have increased relative to the overall price level have tended to grow slowly.²

At present, BEA publishes only one measure of real GNP growth, expressed in 1982 prices. It is possible, however, to derive an alternative measure of real GNP growth that uses changing weights from two estimates that BEA publishes in NIPA table 8.1: The percent change in current-dollar GNP, and the percent change in the chain price index for GNP. The alternative measure is equivalent to one that measures growth between each pair of quarters using the prices of the later quarter.

The alternative measure is approximately equal to the current-dollar growth rate minus the growth rate of the chain price index. The exact formula is:

$$g(t) = 100 \times \left[\frac{(100 + g\$(t))}{(100 + pch(t))} \right] - 100$$

in which g(t) is the growth rate of real GNP using current-period prices from quarter "t-1" to quarter "t"; g\$(t) is the growth rate of current-dollar GNP from quarter t-1 to quarter t; and pch(t) is the percent change in the chain price index for GNP from quarter t-1 to quarter t.

Table 1 shows quarterly GNP growth based on 1982 dollars and based on changing weights, beginning in the first quarter of 1987. Differences between the 1982-based estimate and the changing-weight estimate (both seasonally adjusted annual rates) range from -0.4 to +1.1 percentage points.

For a simple numerical illustration of this proposition, see "A Note on the Effect of Shifting the Base Period," SURVEY OF CURRENT BUSINESS 65 (December 1985):

Table 1.—GNP and Prices with Alternative Weighting Periods: Percent Change from Preceding Period

[Seasonally Adjusted at Annual Rates]

		19	87		1988		
	I	II	Ш	IV	I	II	
Current-dollar GNP	8.4	8.7	7.7	8.6	5.4	8.3	
GNP prices: Fixed-weighted price index Chain price index	4.2 4.0	4.2 3.7	3.7 3.6	3.8 3.4	3.5 3.0	4.7 4.4	
Real GNP: Constant 1982 dollars.	4.6	5,0	4.5	6.1	3.4	3.3	
Chain output measure	4.2	4.8	4.0	5.0	2.3	3.7	

Note.—Percent changes for all measures except the chain output measure of real GNP growth are found in table 8.1 of the national income and product accounts tables.

The largest positive differences are for the fourth quarter of 1987 and the first quarter of 1988. The shift to a negative difference in the second quarter of 1988 is due to movements in inventories of farm and and petroleum products.

Table 1 also shows the two measures of price change that BEA publishes for each quarter, the fixed-weighted index based on 1982 weights and the chain price index. The 1982-based measure increases more than the changing-weight measure for all six quarters, by margins that range from 0.1 to 0.5 percentage point. The average difference between the two price change measures is about two-thirds as large as the average difference between the two growth rate measures.

Corporate Profits

Profits from current production increased \$16 billion in the second quarter after little change in the first. Domestic profits and profits from the rest of the world contributed equal amounts to the second-quarter increase; in the first quarter, an \$11½ billion increase in domestic profits had been offset by a decline in profits from the rest of the world. (Although the changes in rest-of-world profits were the same as the changes in domestic profits in both quarters, the level of rest-of-world profits was only about one-eighth that of domestic profits.)

Rest-of-world profits equals the difference between (a) profits of U.S.-owned corporations abroad and (b) profits of foreign-owned corporations in the United States. In the first quarter, an increase in the profits of foreign-owned corporations accounted for most of the decline in rest-of-world profits;

in the second, a decline in profits of foreign-owned corporations accounted for about one-half of the increase in These moverest-of-world profits. ments in profits of foreign-owned corporations reflect first-quarter accounting adjustments that some of these corporations made in accordance with a new financial accounting standard (see the May "Business Situation" for a discussion). If these accounting adjustments had not been made, profits from the rest of the world would have declined about \$7^{1/2} billion in the first quarter and increased about \$4 billion in the second. Profits of foreign-owned corporations would still have accounted for most of the firstquarter change in rest-of-world profits. but would have had little effect on the second-quarter change.

Profits before and after tax.—In the second quarter, profits before tax (PBT) and profits after tax (PAT) registered their largest increases in several years. PBT increased \$24^{1/2} billion in the second quarter to $$310^{1/2}$ billion, following an increase of $$4^{1/2}$ billion in the first; PAT increased \$17 billion to \$166½ billion, following an increase of \$31/2 billion. Unlike profits from current production, PBT and PAT include "inventory profits" and "depreciation profits." Inventory profits (or losses) are generated by changes in prices of inventoried goods; depreciation profits (or losses) are generated by differences between the procedures for determining depreciation under tax accounting, on the one hand, and the procedures BEA employs to estimate depreciation, on the other. Inventory profits increased \$7¹/₂ billion in the second quarter, largely reflecting increased prices of grain, hogs, and petroleum; the second-quarter increase raised inventory profits to \$27 billion. the highest level since 1981. Depreciation losses—i.e., negative depreciation profits, which have been in evidence since 1983-declined \$1 billion. reflecting the provisions of the Tax Reform Act of 1986; this act mandated an increase in service lives, narrowing the difference between the lives used in tax accounting and those BEA uses to estimate depreciation.

Government Sector

The fiscal position of the government sector improved in the second quarter of 1988, as the combined deficit of the Federal Government and of State and local governments decreased $\$24^{1/2}$ billion. The deficit of the Federal Government declined \$24 billion, and the surplus of State and local governments increased $\$^{1/2}$ billion.

The Federal sector.—The Federal Government deficit declined to \$131 billion, as receipts increased more than expenditures.

Receipts increased \$321/2 billion. compared with \$61/2 billion in the first quarter. Personal tax and nontax receipts increased \$20^{1/2} billion, compared with a \$171/2 billion decline in the first quarter. These large changes in personal taxes were due to provisions of the Tax Reform Act of 1986: in the first quarter, the second round of rate reductions lowered taxes; in the second quarter, higher final settlements resulting from income shifting raised taxes. Corporate profits tax accruals increased \$5 billion, compared with a small decline in the first quarter. Indirect business tax and nontax accruals were unchanged in the second quarter, and contributions for social insurance increased \$7 billion.

Expenditures increased \$8\frac{1}{2}\$ billion, compared with \$1 billion in the first quarter. Purchases of goods and services increased \$4 billion, compared with a \$13\frac{1}{2}\$ billion decline in the first quarter. This shift was largely due to nondefense purchases, which increased \$4 billion in the second quarter after a \$13 billion decline in the first. The shift in nondefense purchases was due to purchases of agricultural commodities by the Commodity Credit Corporation (CCC).

Transfer payments to persons increased \$31/2 billion, compared with \$17 billion in the first quarter, when various transfer payments-such as social security—were boosted by costof-living adjustments. Net interest paid increased \$2 billion, and subsidies less the current surplus of government enterprises was unchanged. In the latter category, a \$4 billion decrease in the Postal Service deficit—due to a full-quarter effect of the April postal rate increase—was offset by a \$2¹/₂ billion increase in subsidies to farmers and a \$2 billion increase in the CCC deficit. Grants-in-aid to State and local governments declined $\$^{1/2}$ billion. compared with a \$91/2 billion increase

^{3.} In the national income and product accounts, inventory profits are recorded, with sign reversed, as the inventory valuation adjustment (IVA). Depreciation profits are recorded, with sign reversed, as the capital consumption adjustment (CCAdj).

in the first quarter. All major categories of grants had increased in the first quarter; they either declined or increased less in the second.

Cyclically adjusted surplus or deficit.—When measured using cyclical adjustments based on middle-expansion trend GNP, the Federal deficit on the national income and product accounts basis declined from \$193 billion in the first quarter to \$173½ billion in the second (see table on page 21). The cyclically adjusted deficit as a percentage of middle-expansion trend GNP declined from 4.2 percent in the first quarter to 3.7 percent in the second.

The State and local sector.—The State and local government surplus increased to \$56 billion, as receipts increased more than expenditures.

Receipts increased \$13 billion, compared with \$18 $^{1/2}$ billion in the first quarter. The deceleration was more than accounted for by the shift in Federal grants-in-aid. Indirect business tax and nontax accruals increased \$6 $^{1/2}$ billion, compared with \$4 $^{1/2}$ billion in the first quarter; the acceleration was in sales taxes. Personal tax and nontax receipts increased \$4 $^{1/2}$ billion, compared with \$2 $^{1/2}$ billion in the first quarter; the acceleration was due to higher net final settlements as a result of indirect effects of the Tax Reform Act

of 1986. Corporate profits tax accruals increased \$2 billion, and contributions for social insurance increased \$1 billion.

Expenditures increased \$12^{1/2} billion, the same as in the first quarter. Purchases of goods and services in-

creased \$12 billion; employee compensation and structures recorded smaller gains than in the first quarter, and all other purchases accelerated. All other categories of expenditures combined increased about \$1 billion in both quarters.

Table 2.—Government Sector Receipts and Expenditures

[Billions of dollars, seasonally adjusted at annual rates]

	(Change fro	m precedir	ng quarter		Level
•		1987		198	8	1000 11
	II	ш	IV	I	II	1988:II
Government sector Receipts Expenditures Surplus or deficit (-)	66,9 8.8 58.1	13.5 16.3 -2.8	22.6 48.0 -25.4	15.5 4.0 11.5	46.4 21.8 24.6	1,571.8 1,646.5 -74.7
Federal Government				1	ĺ	
Receipts	48.7	10.1	14.3	6.6	32.6	983.6
Personal tax and nontax receipts Corporate profits tax accruals Indirect business tax and nontax accruals Contributions for social insurance	4.9	.2 5.5 4 4.7	$^{9.0}_{-2.6}$ $^{1.1}_{7.0}$	$ \begin{array}{c c} -17.7 \\5 \\ .9 \\ 24.0 \end{array} $	20.4 5.2 .1 6.9	425.0 112.4 55.9 390.3
Expenditures	4.4	4.4	36.5	1.2	8.4	1,114.5
Purchases of goods and services	7.5 -2.8 -7.8 6.8 6.2 .6 3.6 -11.6 -10.4 -10.6 1.3	$\begin{array}{c} 8.8 \\ 5.0 \\ 3.8 \\ -2.7 \\ 8 \\ 1.3 \\5 \\ -3.6 \\ 4.0 \\ -5.2 \\ -6.5 \\ -6.5 \\ -1.3 \\ .2 \end{array}$	5.1 6 5.8 3.4 8.3 2.6 5.7 5,7 17.1 16.8 16.7 3	-13.7 8 -12.9 -16.1 11.9 16.8 -4.9 9.7 -4 -6.7 -8.0 -1.2	$egin{array}{c} 3.9 \\ -2.2 \\ 4.1 \\ 7 \\ 2.9 \\ 3.7 \\8 \\7 \\ 2.1 \\ 2.2 \\ 2.4 \\ 2.3 \\ 2.0 \\ \end{array}$	381.6 298.2 83.4 -16.8 437.3 426.5 10.7 110.4 152.0 33.2 32.0 17.1 -1.3
Surplus or deficit (-)	44.3	5.7	-22.1	5.3	24.2	-130.9
State and local governments						
Receipts	21.8	2	7.8	18.6	13.1	698.6
Personal tax and nontax receipts	1.4 5.5 .7	-6.0 1.8 7.0 .7 -3.6	5.7 9 2.7 .8 5	2.7 1.2 4.3 .7 9.7	4.7 2.1 6.3 .7 7	176.0 31.8 329.8 50.6 110.4
Expenditures	8.0	8.3	11.0	12.5	12.7	642.4
Purchases of goods and services Of which: Structures Transfer payments to persons Net interest paid Less: Dividends received by government Subsidies less current surplus of government enterprises Subsidies. Less: Current surplus of government enterprises Less: Current surplus of government enterprises	2.7 -1.3 8 3	.1	9.9 -1.1 2.4 8 .3 .2	11.6 2.1 2.1 7 .3 3	11.9 1.4 2.3 8 .3 3	579.4 66.5 126.1 -40.3 8.1 -14.7 1.1 15.8
Surplus or deficit ()	. 13.7	-8.5	-3.2	6.1	.4	56.2
Social insurance funds Other		-10.2	1.6 -4.7	1.5 4.5	1.6 -1.2	67.7 —11.5

Note.—Dollar levels are found in tables 3.2 and 3.3 of the "Selected NIPA Tables."

^{4.} These estimates incorporate the national income and product account revisions released in July. In addition, the middle-expansion period, which is used to calculate trend GNP and unemployment rate, was extended. Previously it was from the third quarter of 1983 to the second quarter of 1986. The period was extended to the second quarter of 1988 to reflect the continuation of economic expansion without substantial inflation after the second quarter of 1986. As a result of the extension, middle-expansion trend GNP was revised up by amounts that increased from \$2 billion in the third quarter of 1981 to \$65 billion in the first quarter of 1988, and the trend unemployment rate was revised down to 6.9 percent from 7.4 percent.

BEA Working Paper Summary

Status Report on Statistical and Methodological Improvements in the U.S. Balance of Payments Statistics

by Louis J. Moczar

The paper reviews the status of work to improve the balance of payments statistics.

Part I of the paper lists specific coverage, timing, and other problems under six major headings: (1) Merchandise trade; (2) services, excluding income; (3) portfolio income; (4) unilateral transfers; (5) direct investment income, other services, and capital flows; and (6) other private capital. Part II describes the methodological and statistical work underway on many of these problems. For example, in a major move to improve its coverage of transactions between U.S. residents and unaffiliated foreign persons, BEA conducted a benchmark survey (BE-20) of services transactions in 1987-88, covering such areas as advertising, management and consulting services, industrial engineering, telecommunications, and agricultural services. The results are now being processed. To improve its estimates of portfolio income, BEA, in cooperation with other U.S. Government agencies, is working to obtain more accurate information on banks' noninterest receipts and payments for financial services performed for U.S. and foreign cliPart III describes improvements underway or to be undertaken with BEA's existing resources. These include incorporating new estimates from the benchmark survey of services transactions into the appropriate balance of payments accounts and conducting follow-on annual surveys. Resolving a number of issues related to direct investment is also planned. Part IV discusses some improvements for which BEA would require additional resources and the cooperation of other Government agencies if significant progress is to be made. These include resolving some accounting problems associated with currency fluctuations, securing reports on foreign purchases of certain U.S. securities, and solving some problems of duplication and omission in reporting by U.S. banks and nonbank affiliates.

This paper, which is BEA Working Paper No. 6, may be ordered 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. The accession number is BEA OD 88-001; the price is \$5.00. (Additional order information is on the inside

back cover.)

National Income and Product Accounts Tables

Selected NIPA Tables

New estimates in this issue: Second quarter 1988, revised (7).

The selected set of 54 national income and product accounts (NIPA) tables shown in this section presents quarterly estimates, which are updated monthly. (In most of these tables, annual estimates are also shown.) The full set of 132 tables usually shown in July presents annual NIPA revisions. For more information on the presentation of the estimates, see "National Income and Product Accounts Estimates: When They are Released, Where They Are Available, and How They Are Presented" in the July 1988 Survey.

The full set of estimates for 1985-87 is in the July 1988 issue of the Survey; estimates for 1984 are in the July 1987 issue; estimates for 1983 are in the July 1986 issue. Estimates for 1929-82 are in National Income and Product Accounts, 1929-82: Statistical Tables (GPO Stock No. 003-010-00174-7, price \$23.00). These publications are available from the Superintendent of Documents; see address on inside front cover.

The full set of NIPA tables is available on diskette for \$240 per year (12 updates, for the quarterly estimates prepared each month). 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]

	,	Seasonally adjusted at annual rates							
1986	1987		19	87		19	88		
		I	П	Ш	IV	I	II'		
4,240.3	4,526.7	4,391.8	4,484.2	4,568.0	4,662.8	4,724.5	4,819.7		
2,807.5	3,012.1	2,921.7	2,992.2	3,058.2	3,076.3	3,128.1	3,189.1		
943.6	421.9 997.9 1,592.3	403.5 977.5 1,540.7	995.3	1,006.6					
665.9	712.9	685.5	698.5	702.8	764.9	763.4	758.2		
. 433.9	673.7 446.8 139.5	647.8 422.8 132.7	665.8 438.2 134.4	688.3 462.1 143.0	692.9 464.1 147.7	698.1 471.5 140.1	715.3 488.2 145.4		
216.6	307.3 226.9	290.1 225.0	303.8 227.6	319.1 226.2	228.8	226.6	342.8 227.1 42.9		
. 17.4	39.2 40.7 -1.5	40.9 -3.2	31.4	17.8	72.8	49.4	32.5 10.4		
_104.4	_123.0	-119.1	-122.2	-125.2	-125.7	-112.1	-88.6		
	428.0 551.1	395.3 514.4			459.7 585.4	487.8 599.9	508.0 596.6		
. 871.2	924.7	903.8	915.7	932.2	947.3	945.2	961.0		
277.5 88.7			294.8	299.8 86.4	299.2 92.2	298.4 79.3	298.2 83.4		
	. 4,240.3 . 2,807.5 . 406.5 . 943.6 . 1,457.3 . 665.9 . 650.4 . 433.9 . 138.5 . 295.4 . 216.6 . 15.5 . 17.4 104.4 . 378.4 . 482.8 . 871.2 . 366.2 . 277.5	4,240.3 4,526.7 2,807.5 3,012.1 406.5 997.9 1,457.8 1,592.3 665.9 712.9 660.4 673.7 433.9 139.5 295.4 307.3 216.6 226.9 17.4 40.7 -1.9 -1.5 -104.4 -123.0 378.4 428.0 482.8 551.1 871.2 924.7 366.2 382.0 277.5 295.3 88.7 86.7	1986 1987 I 4,240.3 4,526.7 4,391.8 2,867.5 3,012.1 2,921.7 406.5 421.9 403.5 943.6 997.9 977.5 1,457.3 1,592.3 1,540.7 665.9 712.9 685.5 650.4 446.8 422.8 138.5 139.5 132.7 295.4 307.3 290.1 216.6 226.9 225.0 15.5 39.2 37.7 17.4 40.7 40.9 -1.9 -1.5 -3.2 -104.4 -123.0 -119.1 338.4 428.0 395.3 482.8 551.1 514.4 871.2 924.7 903.8 366.2 382.0 372.7 277.5 295.3 287.3 88.7 86.7 86.7	1986 1987 19 I II 4,240.3 4,526.7 4,391.8 4,484.2 2,867.5 3,012.1 2,921.7 2,992.2 406.5 421.9 408.5 420.5 997.5 997.5 1,457.6 4 665.9 712.9 685.5 698.5 650.4 673.7 647.8 665.8 433.9 446.8 422.8 438.2 138.5 139.5 132.7 134.4 295.4 307.3 290.1 303.8 216.6 226.9 225.0 227.6 15.5 39.2 37.7 32.7 17.4 40.7 40.9 31.4 -1.9 -1.5 -3.2 1.3104.4 -123.0 -119.1 -122.2 378.4 428.8 551.1 514.4 539.0 871.2 924.7 903.8 915.7 366.2 382.0 372.7 377.5 295.3 287.3 294.8 88.7 86.7 86.7 36.7 365.4 \$26.6 \$26.7 \$3	1986 1987 1987 I II III 4,240.3 4,526.7 4,391.8 4,484.2 4,568.0 2,807.5 3,012.1 2,921.7 2,992.2 3,058.2 406.5 421.9 408.5 420.5 1,006.6 1,457.3 1,592.3 1,540.7 1,576.4 1,610.2 665.9 712.9 685.5 698.5 702.8 650.4 673.7 647.8 665.8 688.3 433.9 446.8 422.8 438.2 462.1 138.5 139.5 132.7 134.4 143.0 295.4 307.3 290.1 303.8 319.1 216.6 226.9 225.0 227.6 226.2 15.5 39.2 37.7 32.7 14.5 17.4 40.7 40.9 31.4 17.8 -1.9 -1.5 -3.2 1.3 -3.3104.4 -123.0 -119.1 -122.2 -125.2 378.4 428.8 551.1 514.4 539.0 565.6 871.2 924.7 903.8 915.7 932.2 366.2 382.0 372.7 377.5 386.3 294.8 299.8 88.7 86.7 86.7 86.7 86.4 82.6 86.4 88.8	1986	1986		

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]

			Se	easonally	adjuste	d at an	nual rat	es
	1986	1987		19	87		19	88
			I	II	Ш	IV	I	IIr
Gross national product	4,240.3	4,526.7	4,391.8	4,484.2	4,568.0	4,662.8	4,724.5	4,819.7
Final sales Change in business	,)	· .	4,451.5	4,553.5	4,590.7	4,659.2	4,776.9
inventories	15.5	39.2	37.7	32.7	14.5	72.0	65.3	42.9
Goods	1,697.9	1,792.5	1,733.4	1,774.5	1,812.9	1,849.3	1,879.5	1,924.8
Final sales Change in business	1,682.3	1,753.3	1,695.7	1,741.8	1,798.4	1,777.3	1,814.2	1,881.9
inventories	15.5	39.2	37.7	32.7	14.5	72.0	65.3	42.9
Durable goodsFinal sales Change in business	725.3 721.1	776.3 749.7	737.2 708.4	767.1 742.8	792.2 789.3	808.7 758.2	819.3 792.7	846.7 829.8
inventories	4.3	26.6	28.8	24.3	2.9	50.5	26.6	17.4
Nondurable goods Final sales Change in business	972.6 961.3	1,016.2 1,003.6	996.1 987.3	1,007.5 999.1	1,020.7 1,009.1		1,060.1 1,021.5	
inventories	11.3	12.6	8.9	8.4	11.6	21.6	38.6	25.5
Services	2,118.4	2,295.7	2,228.4	2,276.2	2,314.4	2,363.9	2,405.2	2,447.
Structures	424.0	438.4	430.0	433.4	440.6	449.5	439.9	447.4

Norg.—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]

		}	Se	asonall	y adjuste	d at an	nual rat	es
	1986	1987		19	87		19	88
			1	11	ш	IV	1	П'
Gross national product	3,721.7	3,847.0	3,776.7	3,823.0	3,865.3	3,923.0	3,956.1	3,988.1
Personal consumption expenditures	2,455.2	2,521.0	2,490.2	2,516.6	2,545.2	2,531.7	2,559.8	2,577.2
Durable goods Nondurable goods Services	385.0 879.5 1,190.7	390.9 890.5 1,239.5	378.3 889.9 1,222.0	391.3 889.8 1,235.5	406.5 891.9 1,246.8	387.6 890.5 1,253.6	401.1 892.7 1,265.9	409.8 892.7 1,275.2
Gross private domestic investment	ł	674.8	646.4	660.1	667.9	724.7	728.9	717.7
Fixed investment		640.4 445.1 125.5	616.6 418.2 121.0	632.3 434.8 120.9	654.9 462.8 128.0	657.6 464.8 132.1	662.9 478.4 124.0	681.6 491.6 127.6
equipment	195.0	319.6 195.2 34.4	297.2 198.4 29.8	313.8 197.6 27.8	334.7 192.1	332.7 192.7 67.1	349.4 189.5 66.0	364.1 190.0
Nonfarm Farm	17.9	36.9 -2.5	36.1 -6.3	25.0 2.7	18.3 -5.3	68.2 -1.1	51.9 14.1	31.1 5.0
Net exports of goods and services	-137.5	-128.9	-132.8	- 126.0	-130.7	- 126.0	-109.0	-90.3
ExportsImports		427.8 556.7	394.9 527.7	416.4 542.3	440.9 571.6		486.2 595.1	499. 589.
Government purchases of goods and services	760.5	780.2	772.9	772.2	782.9	792.6	776.4	783.
Federal National defense Nondefense State and local	251.4 82.0	339.0 264.9 74.1 441.2	334.0 257.0 77.0 438.9	332.1 264.8 67.3 440.1	342.1 269.5 72.6 440.8	347.7 268.2 79.5 444.9	264.6	331.0 263.5 67.8 452.3

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	ed at an	nual rat	es
	1986	1987		19	87		19	88
			I	п	ш	IV	I	П
Gross national product	3,721.7	3,847.0	3,776.7	3,823.0	3,865.3	3,923.0	3,956.1	3,988.
Final salesChange in business	3,706.3	3,812.6	3,746.9	3,795.2	3,852.2	3,855.9	3,890.1	3,952.1
inventories	15.4	34.4	29.8	27.8	13.0	67.1	66.0	36.0
Goods	1,599.0	1,663.3	1,616.2	1,645.6	1,677.5	1,713.9	1,748.1	1,763.4
Final sales Change in business	1,583.5	1,628.9	1,586.4	1,617.8	1,664.5	1,646.8	1,682.2	1,727.8
inventories	15.4	34.4	29.8	27.8	13.0	67.1	66.0	36.6
Durable goodsFinal sales	714.6 710.7	774.6 750.7	728.0 702.3	763.8 742.3	793.7 790.8	812.7 767.2	832.5 809.0	861.5 845.8
inventories	3.8	23.9	25.7	21.5	2.9	45.5	23.5	15.
Nondurable goods Final sales Change in business	884.4 872.8	888.8 878.2	888.1 884.1	881.8 875.5	883.8 873.7	901.2 879.6	915.6 873.2	902.1 881.0
inventories	11.6	10.5	4.1	6.3	10.1	21.6	42.4	20.
Services	1,738.1	1,801.1	1,778.2	1,797.2	1,806.6	1,822.3	1,833.4	1,845.
Structures	384.7	382.6	382.4	380.2	381.1	386.7	374.6	379.

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

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

[Billions of dollars]

			S	y adjust	ed at an	nual rat	es	
	1986	1987		19	87		19	88
			I	п	ш	IV	I	II'
Gross national product	4,240.3	4,526.7	4,391.8	4,484.2	4,568.0	4,662.8	4,724.5	4,819.7
Less: Exports of goods and servicesPlus: Imports of goods and	378.4	428.0	395.3	416.8	440.4	459.7	487.8	508.0
services	482.8	551.1	514.4	539.0	565.6	585.4	599.9	596.6
Equals: Gross domestic purchases 1	4,344.7	4,649.7	4,510.9	4,606.3	4,693.2	4,788.4	4,836.6	4,908.3
Less: Change in business inventories	15.5	39.2	37.7	32.7	14.5	72.0	65.3	42.9
Equals: Final sales to domestic purchasers ²	4,329.1	4,610.5	4,473.2	4,573.6	4,678.7	4,716.4	4,771.3	4,865.4

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

Table 1.7.—Gross National Product by Sector

[Billions of dollars]

			Se	easonall	y adjuste	d at an	nual rat	es
	1986	1987		19	87		19	88
			I	II .	ш	IV	I	II'
Gross national product	4,240.3	4,526.7	4,391.8	4,484.2	4,568.0	4,662.8	4,724.5	4,819.7
Gross domestic product	4,205.4	4,497.2	4,359.9	4,455.9	4,541.2	4,631.8	4,702.1	4,794.8
Business Nonfarm Nonfarm less housing Housing Farm Statistical discrepancy Households and institutions Private households Nonprofit institutions Government Federal	3,547.1 3,203.9 343.2 75.4 -13.6 153.1 9.1 144.0 443.4 143.5	3,787.8 3,416.5 371.3 75.9 -8.1 168.9 9.2 159.8 472.7 151.0	360.5 74.1 -8.5 161.5 9.2 152.3 462.8 149.2	3,743.2 3,376.0 367.2 79.2 -2.5 166.3 9.2 157.1 469.8 150.8	3,832.2 3,457.7 374.5 76.8 -15.1 171.7 9.2 162.5 475.7 151.3	3,905.8 3,522.7 383.1 73.4 -6.4 176.4 9.3 167.1 482.5 152.7	4,028.1 3,965.4 3,576.0 389.4 77.7 -15.0 180.9 9.3 171.6 493.1 156.7	394.0 74.3 -14.3 185.5 9.4 176.1 499.6 157.5
State and local	299.9 34.9	321.7 29.5	313.7 31.9	319.0 28.2	324.4 26.8	329.9 31.0	336.4 22.4	342.1 24.9
Addendum:	**."	10.0	31.5	20.2	20.0	31.0	22.4	24.0
Gross domestic business product less housing	3,257.7	3,476.7						

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]

		ł	S	easonall	y adjust	ed at an	nual rat	es
•	1986	1987		19	87		1988	
			I	п	Ш	IV	I	ΙΙ'
Gross national product	3,721.7	3,847.0	3,776.7	3,823.0	3,865.3	3,923.0	3,956.1	3,988.1
Less: Exports of goods and services	378.4	427.8	394.9	416.4	440.9	459.2	486.2	499.7
services	515.9	556.7	527.7	542.3	571.6	585.2	595.1	589.1
Equals: Gross domestic purchases 1	3,859.3	3,975.9	3,909.5	3,949.0	3,996.0	4,049.0	4,065.1	4,078.2
Less: Change in business inventories	15.4	34.4	29.8	27.8	13.0	67.1	66.0	36.0
Equals: Final sales to domestic purchasers 2	3,843.8	3,941.5	3,879.7	3,921.2	3,983.0	3,981.9	3,999.1	4,042.
					l .		2	

^{1.} Purchases in the United States of goods and services wherever produced.

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

Table 1.8.—Gross National Product by Sector in Constant Dollars
[Billions of 1982 dollars]

			Se	asonally	adjuste	d at an	nual rat	es
	1986	1987		19	87		19	88
			I	п	Ш	IV	I	Пr
Gross national product	3,721.7	3,847.0	3,776.7	3,823.0	3,865.3	3,923.0	3,956.1	3,988.1
Gross domestic product	3,690.9	3,821.4	3,748.9	3,798.4	3,842.0	3,896.3	3,936.6	3,966.8
Business Nonfarm Nonfarm less housing Housing Farm Statistical discrepancy Households and institutions Private households Nonprofit institutions Government Federal State and local	3,130.4 2,857.9 272.4 83.7 -12.1 125.5 8.8 116.8 363.3 122.5	3,247.1 2,965.7 281.4 82.5 -7.0	3,177.7 2,899.6 278.1 84.1 -7.4 127.0 8.8 118.3 367.5	3,221.1 2,940.6 280.5 82.0 -2.2 128.1 8.8	3,272.2 2,989.5 282.7 82.0 -13.0 130.0 8.8	3,317.2 3,032.8 284.4 81.8 -5.4	3,360.9 3,074.8 286.1 82.3 -12.8 133.3	3,401.7
Rest of the world	30.9	25.6	27.8	24.6	23.3	26.7	19.5	21.3
Addendum:					i			}
Gross domestic business product less housing	2,920.4	3,032.1						

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

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

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

			Se	asonally	adiuste	d at an	nual rat	es
	1986	1987		19			19	
			I	II	ш	IV	I	Πr
Gross national product	4,240.3	4,526.7	4,391.8	4,484.2	4,568.0	4,662.8	4,724.5	4,819.7
Less: Capital consumption allowances with capital consumption adjustment Capital consumption allowances without	455.9	480.0	468.7	477.0	484.6	489.5	498.3	502.6
capital consumption adjustment Less: Capital consumption	488.4	507.6	498.5	504.6	510.8	516.4	520.8	524.1
adjustment	32.5	27.6	29.8	27.6	26.2	26.9	22.5	21.5
Equals: Net national product	3,784.4	4,046.7	3,923.1	4,007.2	4,083.4	4,173.3	4,226.2	4,317.1
Less: Indirect business tax and nontax liability	348.4	366.3	356.9	363.8	370.3	374.2	379.4	385.7
paymentsStatistical discrepancy	25.1 -13.6	28.1 -8.1	27.2 -8.5	27.9 -2.5	28.5 -15.1	29.0 -6.4	$^{29.6}_{-15.0}$	30.3 -14.3
Plus: Subsidies less current surplus of government enterprises	12.6	18.3	25.5	13.8	8.3	25.6	18.6	18.5
Equals: National income	3,437.1	3,678.7	3,573.0	3,631.8	3,708.0	3,802.0	3,850.8	3,933.9
Less: Corporate profits with inventory valuation and capital consumption								
adjustments	298.9 331.9	310.4 353.6	298.3 338.3	305.2 348.1	322.0 358.3	316.1 369.5	316.2 373.9	332.0 380.8
insurance Wage accruals less	378.1	399.1	391.5	395.4	400.9	408.6	433.3	440.9
disbursements	0	0	0	0	.2	2	0	0
Plus: Government transfer payments to persons		520.6 527.0 88.6	511.6 507.1 85.3	519.9 517.9 87.3	523.2 533.0 89.9	527.8 550.0 91.9	546.7 554.2 93.5	552.7 563.7 95.0
payments Equals: Personal income	1	28.1 3,780.0	27.2 3,676.1	27.9 3,736.1	28.5 3,801.0	29.0 3,906. 8	29.6 3,951.4	30.3 4,021.9

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

[Billions of 1982 dollars]

Gross national product	3,721.7	3,847.0	3,776.7	3,823.0	3,865.3	3,923.0	3,956.1	3,988.1
Less: Capital consumption allowances with capital consumption adjustment	443.2	460.8	453.8	458.2	463.0	468.2	472.9	477.3
Equals: Net national product	3,278.5	3,386.2	3,322.9	3,364.8	3,402.2	3,454.8	3,483.2	3,510.8
Less: Indirect business tax and nontax liability plus business transfer payments less subsidies plus current surplus	312.1	319.2	314.5	319.6	321.8	321.0	324.4	324.7
of government enterprises	312.1	319.2	314.5	319.6	321.8	321.0	324.4	324.1
Statistical discrepancy	-12.1	-7.0	-7.4	-2.2	-13.0	-5.4	-12.8	-12.1
Equals: National income	2,978.5	3,074.0	3,015.9	3,047.3	3,093.4	3,139.3	3,171.5	3,198.2

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

Gross national product	3,721.7	3,847.0	3,776.7	3,823.0	3,865.3	3,923.0	3,956.1	3,988.1
Less: Net exports of goods and	l .							
services	- 137.5		-132.8			-126.0	- 109.0	-90.1
Exports	378.4	427.8	394.9	416.4	440.9	459.2	486.2	499.7
Imports		556.7	527,7	542.3	571.6	585.2	595.1	589.7
Equals: Gross domestic	ŀ		ł		1			
purchases	3,859.3	3,975.9	3,909.5	3,949.0	3,996.0	4,049.0	4,065.1	4,078.2
Plus: Command-basis net			l	ľ	l			
	-111.5	-124.3	-122.2	-122.9	-126.5	-125.6	-111.2	-87.6
Command-basis	ì	ľ			ì	l	ł	ł
exports 1	404.4	432.4	405.5	419.4	445.1	459.6	483.9	502.2
Imports	515.9	556.7	527.7	542.3	571.6	585.2	595.1	589.7
)	i	,			
Equals: Command-basis gross national product	3,747.7	3,851.6	3,787.3	3,826.0	3,869.4	3,923.4	3,953.9	3,990.6
Addendum:]							
Terms of trade 2	106.8	101.0	102.7	100.7	101.0	100.1	99.5	100.5
]			i		l	1	

Table 1.14.—National Income by Type of Income

	[Billions of dollars]							
	1		Se	asonally	adjuste	d at an	nual rat	98
	1986	1987		19	87		19	88
			I	п	Ш	IV	I	Пr
National income	3,437.1	3,678.7	3,573.0	3,631.8	3,708.0	3,802.0	3,850.8	3,933.9
Compensation of employees	2,507.1	2,683.4	2,608.9	2,652.0	2,702.8	2,769.9	2,816.4	2,874.0
Wages and salaries Government and	2,094.0	2,248.4	2,182.9	2,220.6	2,265.3	2,324.8	2,358.7	2,410.0
government enterprises	393.7	420.1	410.9	416.9	423.2	429.2	437.1	443.0
Other Supplements to wages and	1,700.3	1,828.3	1,771.9	1,803.7	1,842.1	1,895.6	1,921.6	1,967.0
salaries	413.1	435.0	426.0	431.3	437.5	445.1	457.7	464.0
Employer contributions for social insurance	217.0	227.1	222.6	225.0	228.2	232.7	243.1	247.5
Other labor income Proprietors' income with	196.1	207.9	203.4	206.4	209.3	212.4	214.6	216.5
inventory valuation and capital consumption adjustments	286.7	312.9	310.1	308.9	306.8	326.0	323.9	328.2
	36.4	43.0	46.7	43.0	35.2	47.0	44.7	42.7
FarmProprietors' income with inventory valuation adjustment		50.6	54.4	50.7	42.9	54.5	52.2	50.0
Capital consumption adjustment	i	-7.6	-7.7	_7.7	-7.7	-7.5	-7.5	-7.2
Nonfarm	ı	270.0	263.5	265.9	271.5	279.0	279.2	285.4
Proprietors' income Inventory valuation		233.0	224.8	228.6	235.1	243.4	243.7	250.8
adjustmentCapital consumption	1	-1.0	2	-1.0	-1.1	-1.7	-1.2	-1.6
adjustment	37.8	38.0	38.8	38.2	37.6	37.4	36.6	36.2
Rental income of persons with capital consumption adjustment	12.4	18.4	17.4	17.8	18.1	20.5	20.5	19.0
Rental income of persons		66.2	63.1	65.5	67.1	69.1	69.6	68.0
Capital consumption adjustment		-47.8	-45.7	-47.7	-49.0	_48.6	-49.1	49.0
Corporate profits with inventory valuation and capital consumption adjustments		310.4	298.3	305.2	322.0	316.1	316.2	332.0
Corporate profits with inventory valuation adjustment		258.7	247.5	253.6	269.9	263.7	266.8	283.6
Profits before tax	236.4	276.7	261.8		289.4	281.9	286.2	310.7
Profits tax liability Profits after tax	. 129.8	133.8 142.9	126.3 135.5	132.6 141.1	140.0 149.5	136.2 145.7	136.9 149.4	144.1 166.6
Dividends Undistributed profits	. 88.2 41.6	95.5 47.4	91.7 43.8	94.0 47.0	97.0 52.4	99.3 46.4	101.3 48.1	103.1 63.5
Inventory valuation adjustment	1	-18.0	-14.4		-19.5	-18.2	-19.4	-27.1
Capital consumption		51.5			50.			
adjustment Net interest	1	51.7 353.6	50.8 338.3	1	52.1 358.3	52.4 369.5	49.4 373.9	48.4 380.8
Addenda:] 331.3	355.0	990.0	940.1	996.0	305.5	313.5	300.0
Corporate profits after tax with inventory valuation and capital consumption adjustments	. 192.3	176.6	172.0	172.6	182.1	179.9	179.3	187.9
Net cash flow with inventory valuation and capital consumption adjustments	. 386.5							
Undistributed profits with inventory valuation and capital consumption								
adjustments Capital consumption allowances with capital consumption	. 104.1						78.1	
adjustment Less: Inventory valuation	282.4	1	1	1				1
adjustment Equals: Net cash flow		-18.0 396.6	-14.4 385.9	-20.0 393.9	-19.5 404.2			

^{1.} Exports of goods and services deflated by the implicit price deflator for imports of goods and services.

2. Ratio of the implicit price deflator for exports of goods and services to the implicit price deflator for imports of goods and services with the decimal point shifted two places to the right. Norg.—Percent changes from preceding period for selected items in this table are shown in table 8.1.

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 ,	Seasonally adjusted at annual rates									
	1986	1987		19	87		19	88		
			I	II	Ш	IV	I	IIr		
			E	Billions o	of 'dollar	8				
Gross domestic product of corporate business	2,556.2	2,717.9	2,638.8	2,687.2	2,752.6	2,793.0	2,845.1	2,903.2		
Capital consumption allowances with capital consumption adjustment	282.4	297.5	291.2	295.4	299.7	303.7	309.8	312.9		
Net domestic productIndirect business tax and nontax liability plus	2,273.8	2,420.4	2,347.6	2,391.9	2,452.9	2,489.3	2,535.4	2,590.3		
business transfer payments less subsidies	243.6	257.5	249.8	256.0	261.6	262.8	267.7	271.7		
Domestic income Compensation of employees	2,030.2 1,693.7	2,162.9 1,803.7	2,097.8 1,757.8	1,782.4	2,191.3 1,816.0	2,226.5 1,858.4	2,267.6 1,887.7	2,318.6 1,927.9		
Wages and salaries Supplements to wages	1,422.2	1,520.6	1,479.7	1,502.2	1,531.4	1,569.3	1,594.7	1,630.8		
and salaries Corporate profits with	271.5	283.0	278.1	280.2	284.6	289.1	293.1	297.1		
inventory valuation and capital consumption	* -									
adjustments Profits before tax	266.9 204.4	274.0 240.3	263.8 227.3	270.8 239.3	286.7 254.1	274.6 240.4	286.0 256.0	293.8 272.5		
Profits tax liability	106.6	133.8	126.3	132.6	140.0	136.2	136.9	144.1		
Profits after tax Dividends	97.9 72.8	106.5 83.4	101.0 78.9	106.7 80.1	114.2 83.4	104.2 91.3	119.2 75.3	128.4 87.6		
Undistributed profits Inventory valuation	25.1	23.1	22.1	26.6	30.8	12.9	43.9	40.8		
adjustment	8.3	-18.0	-14.4	-20.0	-19.5	-18.2	-19.4	-27.1		
adjustment Net interest	54.2 69.5	51.7 85.2	50.8 76.1	51.5 82.7	52.1 88.6	52.4 93.5	49.4 93.9	48.4 96.9		
Gross domestic product	00.0	00.2	10.1	04.1	00.0	00.0	00.0	50.0		
of financial corporate business	184.6	204.4	200.0	204.5	205.7	207.4	212.0	216.0		
Gross domestic product		1								
of nonfinancial corporate business	2,371.6	2,513.5	2,438.8	2,482.7	2,546.9	2,585.6	2,633.2	2,687.2		
Capital consumption allowances with capital consumption adjustment	264.1	276.2	271.1	274.5	278.0	281.3	286.8	289.7		
Net domestic product Indirect business tax and	2,107.5	2,237.3	2,167.7	2,208.3		2,304.3	2,346.4	2,397.6		
nontax liability plus business transfer payments less subsidies	227.7	239.8	232.7	238.4	243.6	244.5	249.2	252.9		
Domestic income	1,879.8	1,997.5	1,935.0	1,969.8	2,025.3	2,059.7	2,097.2	2,144.7 1,777.8		
Compensation of employees Wages and salaries	1,564.9 1,313.4	1,661.4 1,399.7	1,617.2 1,360.2	1,640.5 1,381.6	1,673.3 1,409.9	1,714.7 1,447.0	1,739.6 1,468.4	1,777.8 1,502.8		
Supplements to wages and salaries	251.5	261.8	257.0	258.9	263.3	267.8	271.2	275.0		
Corporate profits with inventory valuation and										
capital consumption adjustments	230.6	237.5	227.7	233.3	250.4	238.4	250.6	256.3		
Profits before tax Profits tax liability	172.6 76.8	210.2 99.0	196.6 91.6	207.9 97.2	224.6 105.3	211.6 101.7	228.4 104.4	243.6 111.0		
Profits after tax	95.8	111.2	105.0	110.6	119.3	109.9	124.1	132.6		
Dividends Undistributed profits	74.8 21.1	83.8 27.4	79.8 25.2	80.7 29.9	83.9 35.4	90.8	74.6 49.5	86.8 45.8		
Inventory valuation adjustment		-18.0	-14.4	-20.0	-19.5	-18.2	-19.4	-27.1		
Capital consumption adjustment		45.3	45.5	45.5	45.3	45.0	41.5	39.8		
Net interest	84.3	98.6	90.1	96.0	101.6	106.6	107.1	110.6		
	Billions of 1982 dollars									
Gross domestic product of nonfinancial corporate business	2,177.2	2,270.4	2,215.0	2,248.0	2,296.1	2,322.5	2,363.5	2,393.5		
Capital consumption allowances with capital consumption	260.2		265.8	268.1	270.6	273.2	275.7	278.1		
adjustment			1,949.2	1,979.9	2,025.5		2,087.8	2,115.5		
less subsidies	199.1 1,717.9	203.2 1,797.8	199.9 1,749.3	203.3 1,776.5	205.4 1,820.1	204.3 1,845.1	206.3 1,881.4	206.8 1,908.7		

Table 1.17.—Auto Output

•			Se	asonally	adjuste	d at an	nual rate	es
	1986	1987		19	87		19	88
			I	п	ш	IV	I	Πr
Auto output	120.6	116.3	116.2	113.1	115.3	120.6	113.1	129.5
Final sales	119.0	109.4	96.8	108.0	126.2	106.6	117.8	127.9
expenditures New autos	136.3 101.4	130.0 94.1	120.1 85.0	127.7 91.4	144.4 109.0	128.0 90.9	133.9 100.2	138.2 100.4
Net purchases of used autos	34.9	35.9	35.1	36.2	35.4	37.0	33.7	37.7
Producers' durable equipment	20.3	19.2	17.0	18.7	21.7	19.3	22,1	24.0
New autos	45.1	44.4	40.4	44.9	47.2	44.9	47.9	49.0
Net purchases of used autos Net exports of goods and	-24.7	-25.2	-23.4	-26.2	-25.6	-25.6	-25.7	-25.1
services	-39.0	-41.3	-41.7	-40.1	-41.3	-42.3	-40.1	-35.8
Exports	6.3	6.6	5.1	6.8	6.4	8.1	8.2	8.8
Imports	45.3	47.9	46.8	46.9	47.7	50.3	48.3	44.1
Government purchases of		1						
goods and services	1.4	1.5	1.4	1.6	1.4	1.6	1.9	1.6
Change in business inventories of new and used autos	1.6 1.4 .2	6.9 6.7 .2	19.4 20.9 -1.6	5.2 4.3 .9	$-10.8 \\ -12.4 \\ 1.6$	14.0 14.0 0	-4.7 -9.1 4.4	1.6 2.9 -1.8
Addenda:		į .						
Domestic output of new autos ¹	98.2 55.3	94.8 55.0	97.7 49.1	92.6 53.5	90.1 60.2	98.7 57.2	88.7 60.2	103.1 60.8

^{1.} Consists of final sales and change in business inventories of new autos assembled in the United States.

2. Consists of personal consumption expenditures, producers' durable equipment, and government purchases.

Table 1.18.—Auto Output in Constant Dollars

			Se	asonally	adjuste	d at anı	ual rate	es
	1986	1987		198	B 7		19	88
			1.	11	ш	IV	1	II'
Auto output	106.2	100.6	102.0	98.4	99.2	102.9	96.0	110.5
Final sales	106.6	95.1	85.6	94.5	109.0	91.4	101.0	109.2
Personal consumption								
expenditures	119.0	108.8	102.6	107.3	120.2	105.3	110.4	114.1
New autos	89.2	80.0	73.1	78.2	92.4	76.5	84.3	84.1
Net purchases of used autos	29.8	28.8	29.5	29.1	27.8	28.8	26.0	29.9
Producers' durable equipment	18.2	16.3	14.0	16.0	18.6	16.4	19.0	20.3
New autos		37.7	34.8	38.4	40.0	37.8	40.3	41.1
Net purchases of used autos	-21.5	-21.5	20.7	-22.4	-21.4	-21.4	-21.2	-20.8
Net exports of goods and								
services	-31.9	-31.4	-32.3	-30.2	-31.1	-31.8	-30.1	-26.5
Exports		5.4	4.2	5.6	5.3	6.6	6.7	6.8
Imports	37.3	36.8	36.5	35.9	36.3	38.4	36.8	33.3
Government purchases of								
goods and services	1.3	1.4	1.2	1.4	1.3	1.4	1.7	1.4
Change in business inventories								
of new and used autos	_ 3	5.5	16.4	3.9	-9.8	11.5	-4.9	1.2
New	5	5.3	17.8	3.1	-11.2	11.5	-8.5	5.7
Used		.2	-1.5	.8	1.3	10.0	3.6	2.4 -1.1
	l ~		-1.0	0	1.0		0.0	_1.1
Addenda:		ĺ		1		6.7		
Domestic output of new autos ¹	85.3 48.7	80.5 46.8	84.3 42.2	78.9 45.8	75.8 51.0	83.1 48.1	74.2 50.7	86.3 50.7
		I	l .	I	ì	1	l .	

^{1.} Consists of final sales and change in business inventories of new autos assembled in the United States.

2. Consists of personal consumption expenditures, producers' durable equipment, and government purchases.

Table 1.19.—Truck Output

	ual rate	8					
1986	1987		19	87		1988	
	I	II	Ш	IV	I	Пr	
55.2	59.6	58.1	57.8	58.0	64.6	65.8	65.2
54.8	58.3	52.7	58.0	61.6	60.9	66.2	65.3
	27.7 33.0	25.6 30.4	28.6 33.1	29.1 34.3	27.3	28.7	29.0 36.0
							-5.5
3.0	3.3	2.6	3.0	3.3	4.2	4.1	3.7 9.2
l '							
5.3 .5	4.7 1.3	4.8 5.4	4.2 2	4.8 -3.6	3.7	6.0 4	5.8 0
	55.2 54.8 26.0 30.8 -7.3 3.0 10.3	55.2 59.6 54.8 58.3 26.0 27.7 30.8 33.0 -7.3 -7.0 3.0 3.3 10.3 10.3 5.3 4.7	1986 1987 I 55.2 59.6 58.1 54.8 58.3 52.7 26.0 27.7 25.6 30.8 33.0 30.4 -7.3 -7.0 -8.1 3.0 3.3 2.6 10.3 10.3 10.7 5.3 4.7 4.8	1986 1987 19.00 19	1986 1987 1987 I	1986 1987 1987 1 II II IV	I II III IV I 55.2 59.6 58.1 57.8 58.0 64.6 65.8 54.8 58.3 52.7 58.0 61.6 60.9 66.2 26.0 27.7 25.6 28.6 29.1 27.3 28.7 30.8 33.0 33.1 34.2 36.4 -7.3 -7.0 -8.1 -7.9 -6.6 -5.6 -4.9 3.0 3.3 2.6 3.0 3.3 4.2 4.1 10.3 10.3 10.7 11.0 9.9 9.8 9.0 5.3 4.7 4.8 4.2 4.8 5.0 6.0

^{1.} Includes new trucks only.

Table 2.1.—Personal Income and Its Disposition

[Billions of dollars]

	[Billions of dollars]								
			Se	asonally	adjuste	d at anı	nual rate		
	1986	1987		19	87		19	38	
			1	II	Ш	IV	I	II'	
Personal income	3,531.1	3,780.0	3,676.1	3,736.1	3,801.0	3,906.8	3,951.4	4,021.9	
Wage and salary disbursements	2,094.0	2,248.4	2,182.9	2,220.6	2,265.1	2,325.1	2,358.7	2,410.0	
Commodity-producing industries	625.5	649.8	699 9	642.8	652.8	665.5	676.0	689.1	
Manufacturing	473.1	490.3	638.2 482.7	484.6	492.6	501.3	509.6	517.4	
Distributive industries	498.9	531.7	516.6	526.1	536.8	547.3	558.2	572.2	
Service industries Government and	575.9	646.8	617.1	634.8	652.4	682.8	687.4	705.7	
government enterprises Other labor income	393.7 196.1	420.1 207.9	410.9 203.4	416.9 206.4	423.0 209.3	429.5 212.4	437.1 214.6	443.0 216.5	
Proprietors' income with inventory valuation and								,	
capital consumption adjustments	286.7	312.9	310.1	308.9	306.8	326.0	323.9	328.2	
FarmNonfarm	36.4 250.3	43.0 270.0	46.7 263.5	43.0 265.9	35.2 271.5	47.0 279.0	44.7 279.2	42.7 285.4	
Rental income of persons with capital consumption									
adjustment	12.4	18.4	17.4	17.8	18.1	20.5	20.5	19.0	
Personal dividend income Personal interest income	82.8 499.1	88.6 527.0	85.3 507.1	87.3 517.9	89.9 533.0	91.9 550.0	93.5 554.2	95.0 563.7	
Transfer payments	521.1	548.8	538.8	547.8	551.7	556.8	576.3	583.0	
Old-age, survivors, disability, and health									
insurance benefits	269.3	282.9	277.9	282.8	284.5	286.5	298.1	300.4	
Government unemployment insurance benefitsVeterans benefits	16.3 16.7	14.7 16.6	15.7 16.6	15.1 16.7	14.5 16.6	13.4 16.6	13.9 17.0	13.4 17.1	
Government employees retirement benefits	70.6	75.7	73.5	75.5	76.7	77.1	80.4	82.	
Other transfer payments Aid to families with		158.9	155.1	157.6	159.4	163.3	166.9	169.	
dependent children Other	16.3 131.9	16.7 142.1	16.6 138.5	16.7 140.9	16.8 142.7	16.8 146.5	16.9 150.0	17. 152.	
Less: Personal contributions for social insurance	161.1	172.0	168.9	170.5	172.7	175.9	190.2	193.	
Less: Personal tax and nontax payments	511.4	570.3	532.2	582.0	576.2	591.0	575.8	601.	
Equals: Disposable personal			1						
income		3,209.7	3,143.9	3,154.1	3,224.9	3,315.8	3,375.6	3,421.	
Less: Personal outlays	2,898.0	3,105.5	3,013.1	3,084.7	3,152.3	3,171.8	3,225.7	3,288.	
Personal consumption expenditures	2,807.5	3,012.1	2,921.7	2,992.2	3,058.2	3,076.3	3,128.1	3,189.	
Interest paid by consumers to business Personal transfer payments to	89.1	92.1	90.1	91.1	92.8	94.4	96.4	98.	
foreigners (net)	1.4	1.3	1.4	1.4	1.3	1.2	1.2	1.	
Equals: Personal saving	121.7	104.2	130.8	69.5	72.6	144.0	149.9	132.	
Addenda:				l		1	1		
Disposable personal income: Total, billions of 1982 dollars	. 2,640.9	2,686.3	2,679.6	2,652.8	2,683.9	2,728.9	2,762.3	2,764.	
Per capita: Current dollars	1	13,157	12,934	12,947	13,204	13,543	13,760	13,91	
1982 dollars Population (mid-period,		11,012	11,024	10,889	10,989	11,145	11,260	11,24	
millions)	. 241.7	243.9	243.1	243.6	244.2	244.8	245.3	245.	
Personal saving as percentage of disposable personal income	. 4.0	3.2	4.2	2.2	2.3	4.3	4.4	3.9	

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

Table 1.20.—Truck Output in Constant Dollars

[Billions of 1982 dollars]

			Sea	asonally	adjuste	d at ann	ual rate	s
	1986	1987		198	37	ŀ	198	8
			I	п	IV	I	Πr	
Truck output 1	47.8	50.8	49.4	49.4	49.4	54.9	55.8	55.4
Final salesPersonal consumption	47.4	49.7	44.9	49.6	52.5	51.9	56.2	55.4
expenditures Producers' durable equipment	22.5 26.6	23.5 28.2	21.8 25.9	24.4 28.4	24.8 29.2	23.0 29.3	24.2 31.0	24.3 30.7
Net exports of goods and services		-6.0	-6.9	-6.8	-5.6	-4.7	-4.1	-4.
ExportsImports		2.8 8.8	2.3 9.1	2.6 9.4	2.8 8.5	3.6 8.3	3.5 7.6	3. 7.
Government purchases of goods and services		4.0	4.1	3.6	4.1	4.3	5.1	4.
Change in business inventories		1.1	4.5	2	-3.0	3.0	3	0

^{1.} Includes new trucks only.

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

[Billions of dollars]

-			Se	asonally	adjuste	d at anı	nual rat	es
	1986	1987		19	87		19	88
			I	II	Ш	IV	I	Πr
Personal consumption expenditures	2,807.5	3,012.1	2,921.7	2,992.2	3,058.2	3,076.3	3,128.1	3,189.1
Durable goods	406.5	421.9	403.5	420.5	441.4	422.0	437.8	448.2
Motor vehicles and parts Furniture and household	196.4	195.8	181.7	194.5	212.9	194.0	202.2	207.2
equipment Other	140.0 70.1	148.3 77.8	145.9 75.9	147.8 78.3	150.2 78.3	149.4 78.6	154.7 81.0	159.4 81.6
Nondurable goods	943.6	997.9	977.5	995.3	1,006.6	1,012.4	1,016.2	1,035.7
Food	167.0 73.3 202.2 16.7	526.4 178.2 77.0 216.3 16.2 200.1	521.0 174.5 72.1 209.9 15.7 194.2	525.8 176.8 77.4 215.8 16.3 199.5	528.4 180.4 79.3 218.5 16.0 202.5	580.9 181.2 79.3 220.9 16.6 204.2	535.9 180.5 76.3 223.5 17.0 206.6	546.1 183.4 78.4 227.8 17.3 210.6
Services	1,457.3	1,592.3	1,540.7	1,576.4	1,610.2	1,641.9	1,674.1	1,705.2
Housing Household operation Electricity and gas. Other Transportation. Medical care. Other	179.9 87.4 92.5 95.8 320.1	467.7 186.3 88.8 97.5 106.2 360.3 471.8	455.4 180.0 84.9 95.1 102.1 344.0 459.2	462.6 187.3 90.6 96.8 104.6 355.7 466.2	471.1 189.6 90.8 98.8 105.8 367.3 476.4	481.8 188.2 88.8 99.5 112.0 374.4 485.4	490.1 190.9 90.2 100.7 111.3 384.9 497.0	496.4 193.8 91.2 102.6 114.0 395.6 505.3

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

			Se	easonally	adjuste	ed at an	nual rat	es
	385.0 176.4 143.2 65.4 879.5 448.0 157.6 97.3 176.6 22.0	1987		19	87		19	88
	·		I	II	Ш	IV	1	II'
Personal consumption expenditures	9 455 9	0.501.0	0.400.0	9 516 6	9 7 4 7 9	0 501 5	9 550 0	0 555 0
expenditures	2,499.2	2,521.0	2,490.2	2,516.6	2,545.2	2,531.7	2,559.8	2,577.2
Durable goods	385.0	390.9	378.3	391.3	406.5	387.6	401.1	409.3
Motor vehicles and parts Furniture and household		170.4	160.7	169.9	184.2	166.7	173.5	177.7
equipment	143.2	151.0	148.5	151.0	152.7	151.9	157.3	161.7
Other	65.4	69.6	69.1	70.4	69.7	69.0	70.3	69.9
Nondurable goods	879.5	890.5	889.9	889.8	891.9	890.5	892.7	892.7
Food	448.0	450.4	452.9	450.1	449.4	449.2	451.4	453.0
Clothing and shoes	157.6	160.5	160.7	158.2	162.9	160.3	159.6	156.5
Gasoline and oil	97.3	98.3	97.3	99.6	97.8	98.4	98.8	99.3
Other nondurable goods	176.6	181.3	179.0	181.9	181.7	182.6		183.9
Other nondurable goods Fuel oil and coal	22.0	21.1	21.3	21.3	20.4	21.4	22.0	21.9
Other	154.6	160.2	157.7	160.6	161.4	161.2	161.0	162.0
Services	1,190.7	1,239.5	1,222.0	1,235.5	1,246.8	1,253.6	1,265.9	1,275.2
Housing	348.3	358.3	355.0	357.1	359.3	361.7	363.6	365.6
Household operation	152.1	157.0	152.7	158.1	159.2	158.1	160.4	161.3
Electricity and gas	76.6	79.0	76.0	80.5	80.5	79.2	80.5	80.9
Other	75.5	78.0	76.7	77.6	78.6	79.0	80.0	
Transportation	85.4	89.3	87.6	88.9	90.1	90.8	91.7	93.8
Medical care	251.5	268.2	261.4	266.6	270.9	274.0	276.9	279.0
Other	353.4	366.6	365.3	364.8	367.3	369.0	373.2	376.0
	I	I	I	I	1	1	1	1

Table 3.2.—Federal Government Receipts and Expenditures

			Se	asonally	adjuste	d at an	nual rat	es
	1986	1987		19	87		19	88
			I	п	Ш	IV	I	Πr
Receipts	828.3	916.5	871.3	920.0	930.1	944.4	951.0	983.6
Personal tax and nontax	001 5	405.0	979.0	4101	410.0	422.3	404.6	425.0
receiptsIncome taxes	361.5 353.6	405.6 396.8	373.8 365.4	413.1 403.9	413.3 403.9	422.3	404.6 395.9	425.0
Estate and gift taxes	7.1	7.4	7.3	7.8	7.7	6.7	7.1	8.2
Nontaxes	1.8	1.4	1.1	1.3	1.7	1.6	1.5	1.7
Corporate profits tax accruals	83.9	105.8	100.1	105.0	110.5	107.7	107.2	112.4
Federal Reserve banks Other	17.8 66.1	17.7 88.1	17.4 82.8	17.7 87.2	17.9 92.6	17.9 89.8	18.4 88.8	18.3 94.0
Indirect business tax and	00.1	00.1	02.0	01.2	32.0	05.0	00.0	04.0
nontax accruals	50.8	54.0	53.0	54.3	53.9	55.0	55.9	55.9
Excise taxes	30.9	31.8	31.3	31.9	31.7	32.2	32.4	33.0
Customs duties	13.7	15.4	15.1	15.6	15.2	15.8	16.5	15.9
Nontaxes	6.3	6.8	6.6	6.8	6.9	7.0	7.0	7.0
Contributions for social insurance	332.2	351.0	344.5	347.7	352.4	359.4	383.4	390.3
Expenditures		1,074.2	1,059.6	1,064.0	1,068.4	1,104.9	1,106.1	1,114.5
			l *					'
Purchases of goods and services National defense	366.2 277.5	382.0 295.3	372.7 287.3	377.5 294.8	386.3 299.8	391.4 299.2	377.7 298.4	381.6 298.2
Nondefense	88.7	86.7	85.4	82.6	86.4	92.2	79.3	83.4
Transfer payments	l	414.2	406.6	413.4	414.2	422.5	434.4	437.3
To persons	385.9	402.0	396.0	402.2	403.5	406.1	422.9	426.5
To foreigners		12.2	10.6	11.2	10.7	16.4	11.5	10.7
Grants-in-aid to State and local		ł				l		ŀ
governments	106.8	102.7	101.9	105.5	101.9	101.4	111.1	110.4
Net interest paid	135.4	143.0	139.0	139.8	143.8	149.5	149.9	152.0
Interest paid	158.3	162.5	158.9	159.5	163.0	168.4	172.5	171.8
To persons and business	135.6	138.4	135.1	135.6	139.1	143.8	146.0	145.0
To foreigners	22.6	24.1	23.8	23.9	23.9	24.6	26.6	26.8
Less: Interest received by	22.8	19.4	19.9	19.6	19.3	18.9	22.6	19.9
government	22.8	19.4	19.9	19.6	19.5	18.9	24.0	19.9
Subsidies less current surplus of	0.5.5	ا ممر	۰.,	07.0	20.0		900	۰
government enterprises Subsidies	25.7 26.5	32.4 30.8	39.4 37.7	27.8 27.3	22.6 20.8	39.7 37.6	33.0 29.6	33.2 32.0
Less: Current surplus of	20.5	30.0	31.1	21.0	20.0	91.0	20.0	02.0
government enterprises	.8	-1.6	-1.8	5	-1.8	-2.1	-3.3	-1.3
Less: Wage accruals less		1						
disbursements	0	0	0	0	.2	2	0	. 0
Surplus or deficit (-),		1						
national income and product accounts	-205.6	-157.8	-188.3	-144.0	_138.3	-160.4	-155.1	-130.9
Social insurance funds	17.4	27.5	24.2	23.2	27.8	34.9	44.8	49.9
Other	-223.1	-185.3	-212.5	-167.2	-166.1	-195.3	-199.8	-180.7
Outer	1 220.1	_ 130.0		_ 131.2	130.1	_ 100.0		- 100.1

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

			Seasonally adjusted at annual rates						
	1986	1987		198	37		19	88	
			I	II	Ш	IV	I	П	
Government purchases of goods and services	871.2	924.7	903.8	915.7	932.2	947.3	945.2	961.0	
Federal	366.2	382.0	372.7	377.5	386.3	391.4	377.7	381.6	
National defense	176.4	295.3 89.8 10.5 187.8	287.3 88.3 9.6 182.6	294.8 89.5 10.2 188.5	299.8 93.1 10.9 188.1	299.2 88.4 11.3 191.9	298.4 83.8 10.8 197.3	298.2 84.4 11.0 195.9	
employees	70.2 33.8 72.4	108.9 73.2 35.7 78.9 7.2	107.9 72.8 35.1 74.8 6.9	108.7 73.0 35.7 79.8 6.6	109.0 73.1 35.9 79.1 7.8	110.0 73.9 36.2 81.9 7.6	112.7 75.5 37.2 84.6 6.6	113.2 75.8 37.4 82.7 6.8	
Nondefense		86.7 4.1 3.2	85.4 3.9 6.2	82.6 4.0 4	86.4 4.2 1.9	92.2 4.5 4.9	79.3 4.6 -9.1	83.4 5.0 -8.1	
change	5.3 5.7 65.9	-3.3 6.5 70.9	.3 5.9 67.3	-7.5 7.1 70.3	-4.8 6.7 71.5	-1.4 6.3 74.5	-17.5 8.4 76.4	-16.8 8.7 78.6	
employeesOther servicesStructures	39.5 26.4 7.6	42.1 28.8 8.5	41.3 26.0 8.0	42.1 28.2 8.7	42.3 29.1 8.9	42.7 31.8 8.3	44.0 32.3 7.5	44.3 34.3 8.0	
State and local	505.0	542.8	531.1	538.2	546.0	555.9	567.5	579.4	
Durable goods	40.0 380.4	26.9 44.1 409.6 321.7 87.9 62.2	26.0 42.6 399.4 313.7 85.7 63.1	26.6 43.8 406.0 319.0 87.0 61.8	27.3 44.9 413.1 324.4 88.7 60.7	27.8 45.0 420.0 329.9 90.2 63.1	28.4 45.3 428.7 336.4 92.2 65.2	29.2 47.0 436.7 342.1 94.7 66.5	

Table 3.3.—State and Local Government Receipts and Expenditures

[Billions of dollars]

			dollars		32		14	
	1986	1987		asonany 19	•	at an	nual rat	
	2000	200.	I	п	ш	ıv	1	II'
Receipts	623.0	655.7	637.5	659.3	659.1	666.9	685.5	698.6
Personal tax and nontax receipts	150.0	164.7	158.4	168.9	162.9	168.6	171.3	176.0
Income taxes Nontaxes Other	76.8 60.4 12.7	86.1 64.8 13.8	81.8 63.2 13.5	90.9 64.3 13.7	83.5 65.4 13.9	88.1 66.5 14.1	89.3 67.6 14.3	92.6 68.7 14.7
Corporate profits tax accruals	22.7	27.9	26.2	27.6	29.4	28.5	29.7	31.8
Indirect business tax and nontax accruals	297.6	312.3	304.0	309.5	316.5	319.2	323.5	329.8
Sales taxes Property taxes Other	139.9 114.6 43.1	148.7 121.9 41.6	143.6 119.1 41.3	147.4 121.0 41.2	151.5 122.8 42.1	152.5 124.7 42.0	154.3 126.6 42.6	157.8 128.5 43.4
Contributions for social insurance	46.0	48.1	47.0	47.7	48.4	49.2	49.9	50.6
Federal grants-in-aid	106.8	102.7	101.9	105.5	101.9	101.4	111.1	110.4
Expenditures	561.9	602.8	589.9	597.9	606.2	617.2	629.7	642.4
Purchases of goods and services	505.0	542.8	531.1	538.2	546.0	555.9	567.5	579.4
Compensation of employees Other	299.9 205.2	321.7 221.1	313.7 217.4	319.0 219.2	324.4 221.6	329.9 226.0	336.4 231.1	342.1 237.4
Transfer payments to persons	110.1	118.7	115.6	117.7	119.7	121.7	123.8	126.1
Net interest paid	-34.8	-37.7	-36.5	-37.3	-38.0	-38.8	-39.5	-40.3
Interest paid Less: Interest received by	47.6	53.3	51.2	52.6	54.0	55.4	56.8	58.3 98.6
government	82.4	91.0	87.7	89.9	92.1	94.2	96.3	98.6
Less: Dividends received by government	5.5	6.9	6.4	6.7	7.2	7.5	7.8	8.1
Subsidies less current surplus of government enterprises	-13.1	-14.0	-13.9	-13.9	-14.3	-14.1	-14.4	-14.7
Subsidies Less: Current surplus of government enterprises	.8 13.9	1.0 15.0	.9 14.8	.9 14.9	1.0 15.3	1.0 15.1	1.0 15.5	1.1 15.8
Less: Wage accruals less disbursements	0	0	0	0	0	0	0	0
Surplus or deficit (—), national income and product accounts	61.2	52.9	47.7	61.4	52.9	49.7	55.8	56.2
Social insurance fundsOther	56.2 5.0	62.1 -9.2	59.5 -11.8	61.2 .1	$63.0 \\ -10.1$	64.6 14.8	66.1 -10.3	67.7 -11.6

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

			Se	asonally	adjuste	d at anı	ual rate	es
	1986	1987		198	37		198	38
			I	II	Ш	IV	I	П΄
Government purchases of goods and services	760.5	780.2	772.9	772.2	782.9	792.6	776.4	783.3
Federal	333.4	339.0	334.0	332.1	342.1	347.7	327.8	331.0
National defense	251.4 78.1 15.4 152.3	264.9 87.9 14.7 156.4	257.0 83.7 14.1 153.5	264.8 87.2 14.6 157.6	269.5 92.1 14.6 156.4	268.2 88.4 15.6 158.0	264.6 84.9 14.6 159.9	263.2 85.5 14.5 157.9
employees. Military Civilian Other services Structures.	88.8 59.9 28.9 63.4 5.6	89.3 60.2 29.0 67.2 5.9	89.1 60.3 28.8 64.5 5.7	89.1 60.1 29.0 68.5 5.5	89.3 60.2 29.1 67.1 6.3	89.5 60.3 29.2 68.6 6.1	89.3 60.1 29.2 70.5 5.2	89.1 59.9 29.2 68.7 5.4
Nondefense	82.0 4.5 13.4	74.1 4.8 2.5	77.0 4.5 8.7	67.3 4.6 3.8	72.6 4.9 .3	79.5 5.4 4.9	63.2 5.6 —11.1	67.8 5.9 -8.7
Corporation inventory change	7.8 5.6 57.1	-3.9 6.4 59.2	2.8 5.9 56.6	-11.0 7.2 58.8	-6.3 6.6 59.5	$-1.1 \\ 6.1 \\ 61.8$	$-19.3 \\ 8.2 \\ 62.2$	-17.0 8.3 63.7
employeesOther services	33.7 23.4 6.9	34.2 25.0 7.5	33.9 22.8 7.1	34.2 24.5 7.8	34.4 25.2 7.8	34.4 27.4 7.3	34.5 27.7 6.5	34.6 29.1 6.8
State and local	427.1	441.2	438.9	440.1	440.8	444.9	448.7	452.3
Durable goods Nondurable goods Services Compensation of employees Other services Structures	22.5 44.3 306.9 240.8 66.1 53.4	24.4 46.4 316.0 246.4 69.6 54.3	23.7 46.1 313.4 244.5 68.9 55.7	24.2 46.3 315.4 246.1 69.3 54.3	24.7 46.6 316.8 247.1 69.7 52.8	25.1 46.9 318.5 248.1 70.4 54.4	25.5 47.5 320.3 249.0 71.3 55.4	26.0 48.3 322.2 249.9 72.3 55.8

Table 3.9.—National Defense Purchases of Goods and Services

•			Se	asonally	adjuste	d at ann	nual rate	28
	1986	1987		19	87		19	88
			I	П	Ш	IV	I	IIr
National defense								
purchases	277.5	295.3	287.3	294.8	299.8	299.2	298.4	298.2
Durable goods	83.5	89.8	88.3	89.5	93.1	88.4	83.8	84.4
Military equipment	71.1	77.3	76.7	76.8	79.9	75.9	72.3	73.2
Aircraft	32.9	33.4	33.1	31.3	35.4	33.7	29.8	29.6
Missiles	11.5	13.0	12.4	13.9	12.5	13.3	11.7	12.
Ships	8.5	8.5	8.4	9.1	8.4	8.2	8.4	7.5
Vehicles	4.7	4.8	5.2	4.9	4.4	4.6	4.5	4.
Electronic equipment	5.1	5.8	5.8	5.9	5.9	5.6	5.9	6.
Other	8.4	11.8	11.8	11.6	13.4	10.5	12.0	12.
Other durable goods	12.4	12.5	11.6	12.7	13.2	12.4	11.5	11.
Nondurable goods	11.1	10.5	9.6	10.2	10.9	11.3	10.8	11.
Petroleum products	4.3	4.2	3.4	3.8	4.3	5.3	4.3	4.
Ammunition	4.3	3.8	3.8	3.8	4.1	3.6	3.8	4.
Other nondurable goods	2.5	2.5	2.4	2.6	2.5	2.4	2.6	2.
Services	176.4	187.8	182.6	188.5	188.1	191.9	197.3	195.
Compensation of employees	104.0	108.9	107.9	108.7	109.0	110.0	112.7	113.
Military	70.2	73.2	72.8	73.0	73.1	73.9	75.5	75.
Civilian	33.8	35.7	35.1	35.7	35.9	36.2	37.2	37.
Other services	72.4	78.9	74.8	79.8	79.1	81.9	84.6	82.
Contractual research and	20.0			20.4				
development	28.6	28.5	28.8	29.1	27.6	28.4	30.6	30.
Installation support 1	18.6	22.3	20.5	22.4	22.8	23.4	24.7	23.
Weapons support 2	7.8	9.0	8.6	8.9	9.2	9.3	9.3	. 9.
Personnel support 3	10.4	11.3	9.9	11.5	12.1	11.9	11.7	11.
Transportation of materiel	3.4	4.0	3.5	3.8	4.2	4.5	4.3	4.
Travel of persons Other	3.5 .2	3.8	3.7 —.3	3.8	3.8 6	3.9 .7	3.7 .3	3.
Structures	6.6	7.2	6.9	6.6	7.8	7.6	6.6	6.
Military facilities	4.1	4.9	4.4	4.5	5.2	5.3	4.2	4.
Other	2.4	2.4	2.4	2.2	2.5	2.3	2.4	2.
V4101	2.4	4.7	2.4	2.2	2.0	2.0	4.4	۵.

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

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

[Billions of dollars]

			Se	asonally	adjuste	d at anı	nual rat	es
	1986	1987		198	87		19	88
			1	II	Ш	IV	I	Πr
Receipts from foreigners	378.4	428.0	395.3	416.8	440.4	459.7	487.8	508.0
Exports of goods and services	378.4 225.0 140.4 84.6 153.4 87.5 65.9	428.0 254.8 158.3 96.4 173.3 96.1 77.2	395.3 232.5 144.2 88.3 162.8 88.1 74.7	416.8 245.1 150.6 94.5 171.7 93.8 77.9	440.4 264.8 163.5 101.3 175.6 97.3 78.3	459.7 276.7 175.0 101.7 183.0 105.1 77.9	487.8 300.8 188.2 112.5 187.0 104.7 82.3	508.0 318.8 199.4 119.3 189.2 106.9 82.3
Capital grants received by the United States (net)	0	0	0	0	0	0	0	0
Payments to foreigners Imports of goods and services Merchandise Durable goods Nondurable goods Services Factor income ¹ Other	482.8 367.7 238.7	428.0 551.1 413.0 264.5 148.5 138.1 66.6 71.5	395.3 514.4 390.1 253.2 136.8 124.3 56.2 68.1	416.8 539.0 402.3 258.0 144.3 136.7 65.6 71.1	440.4 565.6 421.7 265.2 156.5 143.9 70.5 73.4	459.7 585.4 438.0 281.8 156.2 147.4 74.1 73.3	487.8 599.9 441.7 287.5 154.2 158.2 82.3 75.8	508.0 596.6 438.5 286.1 152.4 158.1 82.0 76.1
Transfer payments (net) From persons (net) From government (net)	1.4	13.5 1.3 12.2	11.9 1.4 10.6	12.6 1.4 11.2	12.0 1.3 10.7	17.6 1.2 16.4	12.7 1.2 11.5	11.8 1.1 10.7
Interest paid by government to foreigners	22.6	24.1	23.8	23.9	23.9	24.6	26.6	26.8
Net foreign investment	-142.4	-160.6	-154.8	-158.6	-161.1	-167.8	_151.3	-127.5

^{1.} 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	ual rate	×s
	1986	1987		198	37		198	38
			1.	II	Ш	IV	I	Πr
National defense	251.4	264.9	257.0	264.8	269.5	268.2	264.6	263.2
Durable goods	78.1	87.9	83.7	87.2	92.1	88.4	84.9	85.5
Military equipment	64.0 28.0 10.9 7.4 5.0 4.8 8.0 14.2	72.5 30.7 12.8 7.3 5.1 5.5 11.0 15.4	69.7 29.0 11.3 7.2 5.5 5.4 11.1 14.0	71.8 28.7 13.7 7.8 5.3 5.6 10.8 15.4	75.9 33.4 12.5 7.2 4.8 5.6 12.4 16.2	72.6 31.9 13.7 7.1 4.9 5.3 9.7 15.9	69.5 29.0 12.2 7.2 4.7 5.5 10.9 15.4	70.3 28.6 13.0 6.7 5.0 5.7 11.4 15.2
Nondurable goods	15.4	14.7	14.1	14.6	14.6	15.6	14.6	14.5
Petroleum products Ammunition Other nondurable goods	8.5 4.6 2.3	8.4 4.0 2.3	8.0 3.8 2.2	8.2 4.0 2.4	8.1 4.3 2.3	9.5 3.9 2.2	8.3 4.1 2.3	7.8 4.4 2.2
Services	152.3	156.4	153.5	157.6	156.4	158.0	159.9	157.9
Compensation of employees	6.9 8.5 3.7 3.4	89.3 60.2 29.0 67.2 24.7 17.9 7.9 8.8 4.2 3.7	89.1 60.3 28.8 64.5 25.2 16.8 7.6 7.8 3.7 3.6 3	89.1 60.1 29.0 68.5 25.4 18.1 7.9 9.1 4.1 3.8	89.3 60.2 29.1 67.1 23.8 18.1 9.5 4.4 3.7 5	89.5 60.3 29.2 68.6 24.2 18.4 8.0 9.0 4.6 3.8	89.3 60.1 29.2 70.5 25.9 19.5 8.0 8.9 4.4 3.6	89.1 59.9 29.2 68.7 25.4 18.6 7.8 8.7 4.3 3.8
Structures	5.6	5.9	5.7	5.5	6.3	6.1	5.2	5.
Military facilities Other	3.4 2.2	3.9 2.0	3.6 2.1	3.6 1.8	4.2 2.1	4.2 1.9	3.3 1.9	3. 1.

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**

			Se	asonally	adjuste	d at anı	ual rate	88
	1986	1987		198	37		1988	
	1000	I	II	Ш	IV	I	Πř	
Exports of goods and services	378.4	427.8	394.9	416.4	440.9	459.2	486.2	499.7
Merchandise Durable goods Nondurable goods	243.7 152.6 91.0	280.1 177.3 102.8	254.7 158.6 96.1	269.4 167.9 101.5	291.6 184.0 107.7	304.6 198.8 105.8	329.0 215.4 113.6	342.8 225.3 117.0
Services Factor income ¹ Other	134.7 75.8 58.9	147.7 80.3 67.4	140.2 74.6 65.6	146.9 78.8 68.2	149.2 81.0 68.2	154.6 87.0 67.6	157.1 86.3 70.9	157,4 86.9 70.5
Imports of goods and services	515.9	556.7	527.7	542.3	571.6	585.2	595.1	589.7
Merchandise Durable goods Nondurable goods	412.3 241.4 170.9	439.0 260.2 178.8	420.2 249.3 170.8	425.3 252.5 172.8	449.5 262.2 187.3	461.0 276.9 184.1	463.1 279.1 184.1	458.9 276.7 182.2
ServicesFactor income ¹ Other	108.7 45.0 58.7	117.7 54.7 63.0	107.6 46.8 60.8	117.0 54.2 62.8	122.2 57.7 64.4	124.2 60.3 63.9	132.0 66.8 65.2	130.9 65.6 65.5

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

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

			Se	asonally	adjuste	d at anı	ual rate	8
	1986	1987		19	87		198	38
			I	п	III	IV	I	Πr
Merchandise exports	225.0	254.8	232.5	245.1	264.8	276.7	300.8	318.8
Foods, feeds, and beverages Industrial supplies and	23.1	24.6	21.4	23.5	28.1	25.4	30.1	32.9
materials	58.4	66.5	61.5	65.4	68.2	71.0	77.8	82.7
Durable goods	18.1	20.9	19.0	20.1	21.5	22.8	24.6	28.2
Nondurable goods	40.3	45.6	42.5	45.3	46.7	48.1	53.3	54.5
Capital goods, except autos	79.3	88.1	79.3	83.2	93.3	96.5	105.4	110.0
Autos	24.9	26.3 18.0	24.4 16.4	24.9 17.5	25.4 18.6	30.5 19.3	31.7 21.2	32.1 23.0
Consumer goods Durable goods	14.6 5.8	7.4	6.8	7.1	7.7	8.1	9.3	10.1
Nondurable goods	8.8	10.5	9.7	10.4	10.9	11.1	11.9	12.9
Other	24.6	31.3	29.5	30.5	31.2	34.1	34.6	38.1
Durable goods 1	12.3	15.7	14.7	15.3	15.6	17.0	17.3	19.0
Durable goods ¹ Nondurable goods ¹	12.3	15.7	14.7	15.3	15.6	17.0	17.3	19.0
Merchandise imports	367.7	413.0	390.1	402.3	421.7	438.0	441.7	438.5
Foods, feeds, and beverages Industrial supplies and materials, excluding	24.3	24.7	24.2	24.9	24.8	25.1	26.0	23.8
petroleum	62.2	66.6	65.0	62.8	66.2	72.3	76.7	75.1
Durable goods	34.3	35.6	35.2	33.3	35.1	38.6	41.8	39.9
Nondurable goods	27.8	31.0	29.8	29.4	31.0	33.7	35.0	35.2
Petroleum and products	34.4	42.9	35.0	40.3	51.0	45.2	39.8	40.9
Capital goods, except autos	72.1 78.1	84.8 85.2	76.6 83.8	82.4 84.0	87.0 84.1	93.2 88.7	96.4 87.4	100.6 84.4
AutosConsumer goods	79.2	88.7	85.8	88.8	88.1	92.0	94.2	92.7
Durable goods		49.0	47.8	48.7	48.8	50.6	51.5	50.7
Nondurable goods	33.8	39.7	38.0	40.1	39.4	41.4	42.8	42.0
Other	17.4	20.2	19.6	19.2	20.5	21.4	21.1	21.0
Durable goods ¹ Nondurable goods ¹	8.7	10.1	9.8	9.6	10.2	10.7	10.5	10.5
Nondurable goods 1	8.7	10.1	9.8	9.6	10.2	10.7	10.5	10.5
Addenda:								
Exports of agricultural								
products 2	27.4	29.5	25.9	28.5	33.1	30.5	36.1	38.8
Exports of nonagricultural	l '						l l	
products	197.7	225.3	206.5	216.6	231.7	246.2	264.7	280.0
Imports of nonpetroleum					250 4	0000		005
products	333.3	370.1	355.0	362.0	370.6	392.8	401.9	397.6

Because no data are available to distribute exports and imports of "other" merchandise between durable and nondurable goods, they are distributed equally.
 Includes parts of line 2 and line 5.

Note.—Beginning with 1985, the definitions of the end-use categories have been changed. For a description of the new definitions, see the technical notes in 'U.S. International Transactions, First Quarter 1988,' Survey of Current Business 68 (June 1988): 34-39 and 57.

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

[Billions of 1982 dollars]

			Se	asonall	adjuste	d at anı	nual rat	es
	1986	1987		19	87		19	88
			I	11	m	īV	I	IIr
Merchandise exports	243.7	280.1	254.7	269.4	291.6	304.6	329.0	342.3
Foods, feeds, and beverages	26.3	29.9	26.2	28.9	34.3	30.5	34.1	34.9
Industrial supplies and					1			
materials	63.8	69.7	67.0	69.3	70.4	72.0	76.9	80.4
Durable goods	19.7	21.9	20.7	21.3	22.2	23.2	24.3	27.4
Nondurable goods	44.0	47.8	46.3	48.0	48.2	48.9	52.6	53.0
Capital goods, except autos	92.4	109.5	94.6	102.4	116.4	124.5	138.0	142.4
Autos	22.3	23.2	21.8	22.0	22.4	26.8	27.9	28.2 20.7
Consumer goods	14.1 5.8	16.7 7.3	15.5 6.6	16.4 7.1	17.3 7.5	17.6 7.8	19.1 8.8	9.5
Durable goodsNondurable goods	9.8 8.3	9.5	8.8	9.4	9.8	9.8	10.3	11.2
Other	24.8	31.0	29.7	30.5	30.8	33.2	33.0	35.7
Durable goods 1	12.4	15.5	14.8	15.2	15.4	16.6	16.5	17.9
Nondurable goods 1	12.4	15.5	14.8	15.2	15.4	16.6	16.5	17.9
•	_			i				i '
Merchandise imports	412.3	439.0	420.2	425.3	449.5	461.0	463.1	458.9
Foods, feeds, and beverages	23.2	23.9	23.5	24.6	23.8	23.7	23.8	21.6
Industrial supplies and materials, excluding					i '			1
petroleum	73.6	74.2	76.6	71.6	71.8	77.0	77.1	72.7
Durable goods	40.6	39.8	41.6	38.1	38.2	41.1	42.0	38.8
Nondurable goods	33.0	34.5	35.0	33.4	33.6	35.9	35.1	34.0
Petroleum and products	75.3	77.9	70.0	72.2	88.0	81.4	82.2	85.0
Capital goods, except autos	82.8	99.4	86.8	94.6	104.0	112.2	116.4	122.2
Autos	66.0	68.1	68.1	67.1	67.2	69.9	67.7	64.7
Consumer goods	74.5	77.1	76.8	77.6	76.2	77.8	77.6	75.0
Durable goods	43.5	43.8	43.7	43.8	43.5	44.1	43.8	42.2
Nondurable goods	31.0	33.4	33.2	33.8	32.7	33.7	33.8	32.8
Other	16.9	18.3	18.4	17.6	18.5	18.9	18.1	17.7
Durable goods ¹ Nondurable goods ¹	8.4	9.2	9.2	8.8	9.2	9.5	9.1	8.8
Nondurable goods 1	8.4	9.2	9.2	8.8	9.2	9.5	9.1	8.8
Addenda:	,					ļ		
Exports of agricultural				1				
products 2	30.6	34.9	30.9	33.9	39.7	35.2	39.3	39.9
Exports of nonagricultural								
products	213.0	245.2	223.8	235.6	252.0	269.4	289.7	302.4
Imports of nonpetroleum								
products	337.0	361.1	350.2	353.1	361.5	379.6	380.9	373.9

Because no data are available to distribute exports and imports of "other" merchandise between durable and nondurable goods, they are distributed equally.
 Includes parts of line 2 and line 5.

Note.—Beginning with 1985, the definitions of the end-use categories have been changed. For a description of the new definitions, see the technical notes in 'U.S. International Transactions, First Quarter 1988,' Survey of Current Business 68 (June 1988): 34-39 and 57.

Table 5.1.—Gross Saving and Investment

[Billions of dollars]

			Se	asonally	adjuste	d at an	nual rat	es
	1986	1987		19	87		19	88
			1	II	Ш	IV	I	II'
Gross saving	537.2	560.4	539.2	542.4	556.8	603.4	627.0	645.3
Gross private saving	681.6 121.7	665.3 104.2	679.8 130.8	625.0 69.5	642.2 72.6	714.1 144.0	726.3 149.9	720.0 132.6
consumption adjustments Undistributed profits Inventory valuation	104.1 41.6	81.1 47.4	80.3 43.8	78.5 47.0	85.0 52.4	80.5 46.4	78.1 48.1	84.8 63.5
adjustment Capital consumption	8.3	-18.0	-14.4	-20.0	-19.5	-18.2	-19.4	-27.1
adjustment	54.2	51.7	50.8	51.5	52.1	52.4	49.4	48.4
adjustment	282.4 173.5	297.5 182.5	291.2 177.5	295.4 181.6	299.7	303.7	309.8	312.9
adjustment	0	182.5	0	181.6	184.9 0	185.8	188.5 0	189.7
Government surplus or deficit (—), national income and product accounts Federal State and local	-144.4 -205.6 61.2	- 104.9 - 157.8 52.9	-140.6 -188.3 47.7	-82.6 -144.0 61.4	-85.5 -138.3 52.9	-110.7 -160.4 49.7	-99.2 -155.1 55.8	-74.7 -130.9 56.2
Capital grants received by the United States (net)	0	0	0	0	0	0	0	0
Gross investment	523.6	552.3	530.6	539.9	541.7	597.0	612.0	631.0
Gross private domestic investment Net foreign investment		712.9 160.6	685.5 154.8	698.5 158.6	702.8 161.1	764.9 167.8	763.4 - 151.3	758.2 127.2
Statistical discrepancy	-13.6	-8.1	-8.5	-2.5	-15.1	-6.4	-15.0	-14.3

Table 5.8.—Change in Business Inventories by Industry

			Se	asonally	adjuste	d at an	ual rate	28
	1986	1987		19	87		198	88
		İ	I	11	Ш	IV	I	Πr
Change in business inventories	15.5	39.2	37.7	32.7	14.5	72.0	65.3	42.9
Farm	-1.9	-1.5	-3.2	1.3	-3.3	8	15.9	10.4
Nonfarm	17.4 4.8	40.7 64.5	40.9 59.6	31.4 58.4	17.8 43.2	72.8 96.9	49.4 78.1	32.5 74.0
adjustment 1	12.7	-23.8	-18.7	-27.0	-25.4	-24.1	-28.7	-41.5
Manufacturing Durable goods Nondurable goods	-3.0	6.1 4.6 1.5	1.1 .2 .8	-2.6 -1.0 -1.6	11.1 7.6 3.5	14.8 11.7 3.2	15.4 9.6 5.8	6.3 7.0 7
Wholesale trade Durable goods Nondurable goods	3.9	7.4 5.3 2.1	7.4 7.5 1	3.7 3.7 1	-3.4 -5.3 1.9	22.0 15.4 6.6	24.6 21.2 3.4	2 -8.1 7.9
Merchant wholesalers Durable goods Nondurable goods	3.7	7.2 4.8 2.3	5.7 6.4 —.7	6.5 5.0 1.5	$ \begin{array}{r} -3.7 \\ -5.7 \\ 2.0 \end{array} $	20.1 13.6 6.5	22.6 19.3 3.3	.3 -7.6 7.9
Nonmerchant wholesalers Durable goods Nondurable goods	.4 .2 .1	.2 .5 3	1.7 1.1 .6	-2.8 -1.3 -1.6	.4 .5 1	1.8 1.8 .1	2.0 1.9 .2	5 5 0
Retail trade	$-1.6 \\ -2.2$	21.3 14.6 10.6 4.0 6.7	28.2 20.8 20.2 .5 7.5	25.9 18.5 10.6 7.9 7.3	2.9 -2.7 -3.5 .8 5.6	28.2 21.9 15.1 6.8 6.2	1.2 -7.0 -11.6 4.6 8.2	15.3 14.0 12.0 2.0 1.3
Other Durable goods Nondurable goods	10.4 2.7 7.7	5.9 2.0 3.9	4.2 .3 3.9	4.5 3.1 1.4	7.1 3.2 3.9	7.8 1.4 6.4	8.2 2.9 5.3	11.2 4.5 6.6

^{1.} The inventory valuation adjustment (IVA) shown in this table differs from the IVA that adjusts business incomes. The IVA in this table reflects the mix of methods (first-in, first-out; last-in, first-out; etc.) underlying book value inventories derived primarily from Census Bureau statistics. This mix differs from that underlying business income derived primarily from Internal Revenue Service statistics.

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

[Billions of dollars]

	Se	asonally	adjuste	d quarte	erly tota	ls
		19	87		198	38
	I	11	ш	IV	I	IIr
Inventories 1	881.4	902.3	914.1	941.5	965.2	991.8
Farm	66.5	69.9	68.2	68.8	72.6	79.4
Nonfarm Durable goods Nondurable goods	815.0 477.5 337.5	832.4 487.9 344.5	845.9 494.0 351.9	872.8 513.3 359.5	892.6 523.5 369.1	912.3 532.5 379.8
Manufacturing	327.1 218.5 108.6	330.8 220.6 110.2	337.8 225.2 112.6	346.2 231.9 114.3	353.4 236.1 117.3	360.1 240.5 119.6
Wholesale trade	189.0 123.5 65.5	192.7 125.4 67.2	194.0 125.4 68.7	201.0 130.6 70.5	209.3 137.0 72.3	212.8 136.1 76.7
Merchant wholesalers Durable goods Nondurable goods	164.0 108.8 55.1	167.9 110.9 56.9	168.7 110.5 58.2	175.2 115.0 60.2	182.7 120.8 61.9	185.9 119.9 66.0
Nonmerchant wholesalers	14.7	24.8 14.5 10.3	25.3 14.9 10.4	25.8 15.6 10.2	26.7 16.2 10.5	26.9 16.2 10.7
Retail trade	98.0 50.5 47.5	203.5 103.5 53.6 49.9 100.1	205.5 103.4 52.8 50.6 102.1	213.7 109.4 56.7 52.7 104.3	215.2 108.0 53.8 54.2 107.2	221.0 112.0 56.9 55.1 109.0
Other	103.7	105.4	108.5	111.7	114.7	118.4
Final sales ²	308.2 177.1	315.6 181.3	323.3 186.6	325.1 185.6	330.2 187.8	338.9 194.1
Ratio of inventories to final sales						
Inventories to final sales	2.86 2.64	2.86 2.64	2.83 2.62	2.90 2.68	2.92 2.70	2.98 2.69
structures	4.60	4.59	4.53	4.70	4.75	4.70

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

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

[Billions of 1982 dollars]

			Se	asonally	adjuste	d at anı	ual rate	8
	1986	1987		198	B 7		198	38
			I	II	Ш	īV	I	Πr
Change in business inventories	15.4	34.4	29.8	27.5	13.0	67.1	66.0	36.0
Farm	-2.5	-2.5	-6.3	2.7	-5.3	-1.1	14.1	5.0
Nonfarm	17.9	36.9	36.1	25.0	18.3	68.2	51.9	31.1
Manufacturing Durable goods Nondurable goods	-3.1	5.2 4.1 1.1	4 0 5	-4.0 -1.3 -2.7	10.8 7.0 3.9	14.4 10.6 3.8	15.8 8.7 7.1	5.7 6.8 —.6
Wholesale trade Durable goods Nondurable goods	7.1 3.7 3.3	5.8 4.9 .9	6.2 7.0 —.7	1.1 3.3 -2.3	-3.5 -4.8 1.3	19.4 14.1 5.3	24.9 18.2 6.7	4 -7.1 6.6
Merchant wholesalers Durable goods Nondurable goods	6.7 3.5 3.2	5.8 4.4 1.4	4.1 5.9 -1.9	4.7 4.6 .1	-3.6 -5.3 1.6	18.1 12.5 5.6	22.7 16.4 6.3	1 -6.7 6.5
Nonmerchant wholesalers Durable goods Nondurable goods	.2	0 .5 5	2.2 1.0 1.1	$ \begin{array}{r} -3.6 \\ -1.2 \\ -2.4 \end{array} $.2 .5 3	1.3 1.7 4	2.2 1.8 .4	8 4
Retail trade	.7 1.5 2.1	19.2 13.1 9.3 3.7 6.1	25.3 18.4 17.9 .4 6.9	23.4 16.6 9.3 7.3 6.8	2.9 -2.2 -3.0 .8 5.1	25.1 19.5 13.2 6.3 5.6	1.5 -5.9 -10.1 4.2 7.4	13.4 12.3 10.4 1.9
Other Durable goods Nondurable goods	2.5	6.7 1.9 4.9	5.0 .3 4.7	4.6 2.9 1.8	8.0 2.9 5.0	9.3 1.3 8.0	9.7 2.5 7.2	12.4 3.5 8.

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

	Sea	asonally	adjuste	d quarte	rly total	ls
		198	37		198	38
	I	п	ш	ıv	I	П
Inventories 1	856.2	863.2	866.4	883.2	899.7	908.7
Farm	71.1	71.8	70.5	70.2	73.7	74.9
Nonfarm Durable goods Nondurable goods	785.1 443.8 341.3	791.4 449.2 342.2	796.0 449.9 346.1	813.0 461.3 351.7	826.0 467.1 358.8	833.8 471.0 362.7
Manufacturing	317.0 206.1 110.9	316.0 205.8 110.2	318.7 207.5 111.2	322.3 210.2 112.2	326.3 212.4 113.9	327.7 213.9 113.8
Wholesale trade	183.0 114.3 68.7	183.2 115.1 68.1	182.4 113.9 68.5	187.2 117.4 69.8	$^{198.4}_{122.0}_{71.4}$	193.3 120.2 73.1
Merchant wholesalers Durable goods Nondurable goods	156.4 100.5 55.9	157.6 101.7 56.0	156.7 100.3 56.4	161.2 103.5 57.8	166.9 107.6 59.3	166.9 105.9 61.0
Nonmerchant wholesalers	26.5 13.7 12.8	25.6 13.4 12.2	25.6 13.6 12.1	26.0 14.0 12.0	26.5 14.4 12.1	26.4 14.3 12.1
Retail trade	178.5 88.8 44.4 44.4 89.7	184.3 92.9 46.7 46.2 91.4	185.1 92.4 45.9 46.4 92.7	191.3 97.2 49.2 48.0 94.1	191.7 95.8 46.7 49.0 95.9	195.1 98.8 49.3 49.5 96.2
Other		107.8	109.8	112.1	114.6	117.7
Final sales ² Final sales of goods and structures ²	268.7 164.1	272.8 166.5	277.3 170.5	277.2 169.5	280.4 171.4	285.2 175.5
Ratio of inventories to final sales						
Inventories to final sales		3.16 2.90	3.12 2.87	3.19 2.93	3.21 2.95	3.19 2.92
Nonfarm inventories to final sales of goods and structures	4.79	4.75	4.67	4.80	4.82	4.75

^{1.} Inventories are as of the end of the quarter. Quarter-to-quarter changes calculated from this table are at quarterly rates, whereas the constant-dollar change in business inventories component of GNP is stated at annual rates.

2. Quarterly totals at monthly rates. Business final sales equals final sales less gross product of households and institutions, government, and rest of the world, and includes a small amount of final sales by farms.

Table 5.12.—Fixed Investment by Type

ì			Se	asonally	adjuste	d at anr	nual rate	es
	1986	1987		198		1988		
			I	II	Ш	IV	I	II r
Fixed investment	650.4	673.7	647.8	665.8	688.3	692.9	698.1	715.3
Nonresidential	433.9	446.8	422.8	438.2	462.1	464.1	471.5	488.2
Structures Nonresidential buildings,	138.5	139.5	132.7	134.4	143.0	147.7	140.1	145.4
excluding farm Public utilities	91.8 27.4	92.6 28.4	88.7 27.0	90.3 27.1	95.0 28.9	96.6 30.8	93.3 27.7	$98.5 \\ 29.1$
Mining exploration, shafts, and wells Other	14.9 4.4	13.9 4.5	12.7 4.3	12.3 4.7	14.6 4.6	15.8 4.6	15.1 4.0	14.3 3.5
Producers' durable equipment Information processing	295.4	307.3	290.1	303.8	319.1	316.3	331.3	342.8
and related equipment Industrial equipment	96.5 68.9	101.2 70.6	97.1 68.1	99.2 68.9	105.7 71.4	102.8 74.2	107.0 77.2	111.3 79.5
Transportation and related equipment Other	66.9 63.0	67.8 67.6	61.3 63.6	69.4 66.2	72.1 69.9	68.5 70.9	74.2 73.0	78.0 74.0
Residential Single family structures Multifamily structures Other	102.0	226.9 114.5 25.5 87.0	225.0 111.5 28.2 85.3	227.6 114.1 25.5 88.0	226.2 115.0 23.9 87.3	228.8 117.3 24.1 87.4	226.6 116.5 22.1 87.9	227.1 116.1 20.9 90.1

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

[Billions of dollars]

1			Se	asonally	adjuste	d at an	nual rat	es
	1986	1987		19	87		19	88
			1	II	Ш	IV	I	Πr
National income without capital consumption adjustment	3,398.2	3,644.4	3,536.7	3,597.5	3,675.0	3,768.3	3,821.4	3,905.6
Domestic industries	3,363.3	3,614.9	3,504.8	3,569.3	3,648.2	3,737.3	3,799.1	3,880.6
Private industries	2,867.6	3,085.7	2,987.0	3,043.4	3,115.5	3,196.8	3,246.7	3,321.0
Agriculture, forestry, and fisheries	30.4 185.1 686.4 405.7	88.2 31.0 196.7 727.4 419.4 308.0	91.9 26.1 193.0 704.4 417.8 286.6	88.0 30.1 196.8 716.6 414.4 302.3	80.5 32.7 197.0 740.9 424.7 316.3	92.6 35.2 200.1 747.6 420.6 327.0	35.3 203.4 766.4 432.7	
utilities	112.8 73.6	276.8 120.7 76.3	267.8 118.3 73.1	274.9 119.3 75.3	278.8 120.6 78.2	124.4 78.4	124.8 77.3	
services	203.4	79.9 213.6 316.2	76.5 210.8 308.5	80.2 207.7 312.1	79.9 216.2 319.8	83.1 219.8 324.6	225.0	
real estate Services		524.0 711.6	503.2 681.4	517.0 700.2	529.8 719.8	545.9 745.1		
Government and government enterprises		529.2	517.8	525.9	532.7	540.5	552.3	559.
Rest of the world	34.9	29.5	31.9	28.2	26.8	31.0	22.4	24.9

Table 5.13.—Fixed Investment by Type in Constant Dollars

[Billions of 1982 dollars]

			Se	asonally	adjuste	d at ann	ual rate	es	
	1986	1987		198	B 7		1988		
			I	II	Ш	IV	I	Π'	
Fixed investment	628.1	640.4	616.6	632.3	654.9	657.6	662.9	681.6	
Nonresidential	433.1	445.1	418.2	434.8	462.8	464.8	473.4	491.6	
Structures	129.3	125.5	121.0	120.9	128.0	132.1	124.0	127.6	
excluding farmPublic utilities	79.6 25.2	77.1 25.7	75.2 24.6	75.4 24.6	78.3 26.0	79.4 27.6	76.1 24.6	$80.2 \\ 25.6$	
shafts, and wells Other	20.7 3.9	18.8 3.9	17.5 3.7	16.8 4.1	19.7 4.0	$\frac{21.1}{4.0}$	19.8 3.4	$\frac{18.7}{3.0}$	
Producers' durable		13]		J		
equipmentInformation processing	303.8	319.6	297.2	313.8	334.7	332.7	349.4	364.1	
and related equipment Industrial equipment Transportation and	124.9 62.1	139.4 61.4	128.0 59.9	134.6 60.1	148.0 62.1	147.0 63.4	$155.9 \\ 65.2$	166.0 66.5	
related equipment Other	59.8 57.0	59.1 59.7	53.0 56.3	60.8 58.3	62.9 61.8	59.8 62.5	64.9 63.4	67.7 63.9	
Residential Single family structures Multifamily structures Other	91.4	195.2 97.5 21.7 76.0	198.4 97.8 24.8 75.9	197.6 98.2 22.0 77.4	192.1 96.5 20.1 75.5	192.7 97.3 20.0 75.4	189.5 96.2 18.2 75.2	190.0 96.2 17.8 76.4	

Table 6.18B.—Corporate Profits by Industry

[Billions of dollars]

			Seas	onally	adjuste	d at ar	nual r	ates
	1986	1987		199	B 7		198	38
<u> </u>			I	II	Ш	IV	1	II'
Corporate profits with inventory valuation and capital consumption adjustments	298.9	310.4	298.3	305.2	322.0	316.1	316.2	332.0
Domestic industries	266.9	274.0	263.8	270.8	286.7	274.6	286.0	293.8
Financial Nonfinancial	36.4 230.6	36.5 237.5	$\frac{36.1}{227.7}$	$37.4 \\ 233.3$	36.3 250.4	36.2 238.4	35.4 250.6	$37.5 \\ 256.3$
Rest of the world	31.9	36.4	34.5	34,4	35.3	41.4	30.2	38.2
Corporate profits with inventory valuation adjustment	244.7	258.7	247.5	253.6	269.9	263.7	266.8	283.6
Domestic industries	212.8	222.3	213.0	219.2	234.6	222.2	236.6	245.5
FinancialFederal Reserve banksOther	31.8 16.0 15.8	30.1 16.0 14.1	30.7 15.7 15.0	31.4 16.0 15.4	29.5 16.2 13.4	28.8 16.2 12.6	27.6 17.5 10.1	29.0 17.5 11.5
Nonfinancial	180.9	192.1	182.3	187.8	205.1	193.4	209.0	216.5
Manufacturing	79.4	96.8	84.8	93.8	107.0	101.7	110.6	
Durable goods	5.4	36.5 1.4 5.7 3.2	39.0 1.1 4.6 3.9	36.6 .2 4.1 2.7	40.9 1.9 7.2 4.6	29.4 2.6 6.7 1.7	3.2 8.0	••••••••
equipment	7.6	3.2 7.3 15.7	2.6 9.5 17.3	5.3 9.6 14.7	5.5 5.6 16.2	8 4.5 14.6	4.2	
Nondurable goods	11.2 9.5 7.0	60.3 12.8 13.5 12.2 21.9	45.7 10.0 11.9 3.3 20.5	57.2 12.2 12.3 12.0 20.7	66.1 14.0 14.4 14.7 22.9	72.4 14.9 15.3 18.8 23.4	15.9 19.1 17.4	
Transportation and public utilities Wholesale and retail trade Other	L	34.9 42.8 17.6	33.8 46.5 17.2	35.8 37.8 20.4	34.0 44.1 20.0	36.1 43.0 12.6	43.9	
Rest of the world	31.9	36.4	34.5	34.4	35.3	41.4	30.2	38.

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

[Index numbers, 1982=100]

				Sea	sonally	y adjust	ted	
	1986	1987		19	87		19	88
·			I	11	Ш	īv	I	Πr
Gross national product	115.0	119.1	117.4	118.6	119.7	120.8	121.8	123.2
Personal consumption expenditures	115.3	120.4	118.2	119.9	121.1	122.5	123.2	124.8
Durable goods Nondurable goods Services	107.8	109.7 112.6 129.0	108.5 110.3 126.6	109.2 112.4 128.1	110.2 113.4 129.6	111.0 114.3 131.5	111.4 114.6 132.6	111.9 116.7 134.1
Gross private domestic investment	ļ				,		,	
Fixed investment	104.3 101.8 106.0 110.9	108.8 106.8 105.1 107.9 115.9	107.6 106.1 103.4 107.8 113.2	108.4 106.5 104.5 107.8 114.9	109.3 107.0 105.8 107.7 117.4	109.9 107.5 106.4 108.1 118.3	110.8 108.3 107.5 108.9 119.2	111.3 108.9 107.8 109.7 119.3
Net exports of goods and services								
ExportsImports		106.0 100.8	104.7 97.8	105.5 100.3	106.4 101.9	107.0 103.0	108.7 103.9	110.2 105.2
Government purchases of goods and services	115.6	119.6	118.0	119.1	120.1	121.2	122.9	124.3
Federal National defense Nondefense State and local	111.3 109.4	113.5 114.0 112.1 124.1	112.5 113.2 110.6 122.0	113.3 113.9 111.7 123.3	113.7 114.2 112.5 124.9	114.4 114.8 113.6 126.1	116.3 116.6 115.7 127.8	117.2 117.4 116.9 129.5
Addenda:								
Final salesPersonal consumption expenditures,	114.9 112.2	119.0 117.2	117.2 115.3	118.4 117.0	119.5 117.8	120.6 118.6	121.7 119.2	123.1 121.0
food	91.0	91.7	89.1	91.4	93.4	92.9	91.1	92.8
Other personal consumption expenditures	119.1	124.9	122.6	124.2	125.5	127.2	128.3	129.8

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

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

[Index numbers, 1982=100]

				Sea	sonally	adjust	ed	
	1986	1987		19	37		198	38
·			I	П	Ш	īV	I	Πr
Gross national product	115.0	119.1	117.4	118.6	119.7	120.8	121.8	123.2
Final sales Change in business inventories	114.9	119.0	117.2	118.4	119.5	120.6	121.7	123.1
Goods	108.4	111.0	109.7	110.8	111.4	112.1	112.6	114.2
Final sales Change in business inventories		110.8	109.5	110.6	111.2	111.9	112.5	114.1
Durable goodsFinal salesChange in business inventories	106.0		106.9	106.9 106.8	107.2 107.2		107.2 107.3	107.6 107.7
Nondurable goods Final sales Change in business inventories	109.8		111.6 111.4	113.4 113.2	114.3 114.1	115.5 115.3	116.3 116.1	118.7 118.5
Services	122.1	127.6	125.5	126.9	128.2	129.8	131.2	132.7
Structures	107.0	110.7	108.7	110.0	111.7	112.4	113.5	113.9

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

[Index numbers, 1982=100]

-				Sea	sonally	adjust	æd	
	1986	1987		19	87		19	 88
		5.0 119.1	I	II	Ш	IV	I	Πr
Gross national product	115.0	119.1	117.4	118.6	119.7	120.8	121.8	123.2
Less: Exports of goods and services	103.9 93.6	106.0 100.8	104.7 97.8	105.5 100.3	106.4 101.9	107.0 103.0	108.7 103.9	110.2 105.2
Equals: Gross domestic purchases 1	114.0	118.7	116.7	118.1	119.3	120.5	121.4	122.8
Less: Change in business inventories								
Equals: Final sales to domestic purchasers ²	113.9	118.5	116.6	118.0	119.2	120.3	121.3	122.7

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

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

Table 7.4.—Implicit Price Deflators for Gross National Product

[Index numbers, 1982=100]

				Sea	sonall	adjus	ted	
	1986	1987		19	87		19	88
			I	П	Ш	IV	I	II'
Gross national product	113.9	117.7	116.3	117.3	118.2	118.9	119.4	120.9
Personal consumption expenditures	114.3	119.5	117.3	118.9	120.2	121.5	122.2	123.7
Durable goods Nondurable goods Services	107.3	107.9 112.1 128.5	106.7 109.8 126.1	107.5 111.9 127.6	108.6 112.9 129.1	108.9 113.7 131.0	109.1 113.8 132.2	109.5 116.0 133.7
Gross private domestic investment								
Fixed investment Nonresidential Structures Producers' durable equipment Residential Change in business inventories	100.2 107.1 97.2 111.1	105.2 100.4 111.1 96.2 116.2	105.1 101.1 109.6 97.6 113.4	105.3 100.8 111.2 96.8 115.2	105.1 99.9 111.7 95.8 117.7	105.4 99.8 111.8 95.1 118.7	105.3 99.6 113.0 94.8 119.5	104.9 99.3 114.0 94.1 119.6
Net exports of goods and services				ļ		ļ	ļ	
ExportsImports	100.0 93.6	100.0 99.0	100.1 97.5	100.1 99.4	99.9 98.9	100.1 100.0	100.3 100.8	101.7 101.2
Government purchases of goods and services	114.6	118.5	116.9	118.6	119.1	119.5	121.7	122.7
Federal National defense Nondefense State and local	110.4 108.2	112.7 111.5 117.0 123.0	111.6 111.8 110.9 121.0	113.7 111.3 122.9 122.3	112.9 111.3 119.0 123.9	112.6 111.6 116.0 124.9	115.2 112.8 125.5 126.5	115.3 113.3 123.0 128.1

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

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

[Index numbers, 1982=100]

Gross national product	113.9	117.7	116.3	117.3	118.2	118.9	119.4	120.9
Final salesChange in business inventories								120.9
Goods	106.2	107.8	107.3	107.8	108,1	107.9	107.5	109.2
Final salesChange in business inventories			106.9			107.9		108.9
Durable goodsFinal sales	101.5	99.9		100.1	99.8 99.8		98.4 98.0	98.3 98.1
Nondurable goods Final sales Change in business inventories	110.1	114.3	111.7	114.1	115.5	115.9	117.0	119.4
Services	121.9	127.5	125.3	126.7	128.1	129.7	131.2	132.6
Structures	110.2	114.6	112.5	114.0	115.6	116.2	117.4	118.0
		I		l				

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

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

[Index numbers, 1982=100]

Gross national product	113.9	117.7	116.3	117.3	118.2	118.9	119,4	120.9
Gross domestic product	113.9	117.7	116.3	117.3	118.2	118.9	119.4	120.9
Business Nonfarm Nonfarm less housing Housing Farm	113.3 112.1 126.0 90.1	116.0 116.7 115.2 131.9 92.0	114.8 115.5 114.1 129.6 88.1	115.7 116.2 114.8 130.9 96.6	116.5 117.1 115.7 132.5 93.6	117.1 117.7 116.2 134.7 89.8	117.4 118.0 116.3 136.1 94.4	118.8 119.1 117.4 137.1 107.4
Statistical discrepancy Households and institutions		116.0 131.0	114.8 127.1	115.7 129.8	116.5 132.1	117.1 134.9	117.4 135.7	118.8 138.1
Private households	103.6	104.8 132.9	104.5 128.8	104.7 131.6	104.9 134.0	105.0 137.1	105.0 137.9	105.8 140.4
Government	117.1	127.8 122.3 130.5	125.9 121.3 128.3	127.2 122.3 129.6	128.3 122.3 131.3	129.7 123.2 133.0	132.3 126.5 135.1	133.7 127.2 136.9
Rest of the world	115.5	119.5	118.1	119.1	120.1	120.8	121.4	123.0
Addendum:								
Gross domestic business product less housing	111.6	114.7					ļ	

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]

				Sea	asonally	y adjus	ted	
-	1986	1987		19	87		1988 I 119.4 105.4 121.3	88
		•	1	II	III	IV	I	Πr
Gross national product	113.9	117.7	116.3	117.3	118.2	118.9	119.4	120.9
Less: Capital consumption allowances with capital consumption adjustment	102.9	104.2	103.3	104.1	104.7	104.6	105.4	105.3
Equals: Net national product	115.4	119.5	118.1	119.1	120.0	120.8	121.3	123.0
Less: Indirect business tax and nontax liability plus business transfer payments less subsidies plus current surplus of government enterprises	115.7	117.8	114.0	118.2	121.3	117.6	120.3	122.5
Statistical discrepancy	112.7	116.0	114.8	115.7	116.5	117.1	117.4	118.8
Equals: National income	115.4	119.7	118.5	119.2	119.9	121.1	121.4	123.0

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

[Index numbers, 1982=100]

Gross national product	113.9	117,7	116.3	117.3	118.2	118.9	119.4	120.9
Less: Net exports of goods and services Exports Imports	100.0 93.6	100.0 99.0	100.1 97.5	100.1 99.4	99.9 98.9	100.1 100.0	100.3 100.8	101.7 101.2
Equals: Gross domestic purchases	112.6	116.9	115.4	116.6	117.4	118.3	119.0	120.4
Plus: Command-basis net exports of goods and services					• 			
Command-basis exports Imports	93.6	99.0 99.0	97.5 97.5		98.9 98.9	100.0 100.0	100.8 100.8	101.2 101.2
Equals: Command-basis gross national product	113.1	117.5	116.0	117.2	118.1	118.8	119.5	120.8

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	115.3	120.4	118.2	119.9	121.1	122.5	123.2	124.8
Durable goods	106.5	109.7	108.5	109.2	110.2	111.0	111.4	111.9
Motor vehicles and parts Furniture and household equipment Other	110.9 100.9 108.0	$\begin{array}{c} 115.3 \\ 102.1 \\ 112.7 \end{array}$	113.5 101.9 110.6	114.7 101.6 112.0	115.9 102.5 113.2	117.0 102.4 115.0	117.0 102.9 116.2	116.8 103.5 117.8
Nondurable goods	107.8	112.6	110.3	112.4	113.4	114.3	114.6	116.7
Food. Clothing and shoes. Casoline and oil. Other nondurable goods Fuel oil and coal. Other	106.0 75.4 116.2 76.2	117.2 111.0 78.4 121.4 76.6 127.6	115.3 108.6 74.0 119.1 73.6 125.3	117.0 111.8 77.7 120.8 76.4 126.8	117.8 110.7 81.1 122.4 78.5 128.4	118.6 113.0 80.6 123.5 77.7 129.8	119.2 113.1 77.2 124.9 77.1 131.5	121.0 117.2 79.0 126.6 78.9 133.2
Services	123.0	129.0	126.6	128.1	129.6	131.5	132.6	134.1
Housing Household operation Electricity and gas Other Transportation Medical care Other	118.2 113.9 122.7 113.2 128.4	130.0 118.3 111.8 125.0 120.3 135.6 130.2	127.8 117.6 111.4 124.0 118.1 132.7 127.2	129.1 118.3 112.1 124.7 119.3 134.7 129.2	130.6 118.8 112.2 125.5 118.7 136.8 131.3	132,7 118.6 111.7 125.7 125.1 138.0 133.1	134.2 118.5 111.6 125.7 122.5 140.4 134.6	135.2 119.6 112.2 127.2 123.0 143.3 135.8

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

[Index numbers, 1982=100]

103.9	106.0	104.7	105.5	106.4	107.0	108.7	110.2
96.6	97.8	96.6	97.5	98.4	99.2	101.3	103.1
100.0	101.7	101.0	101.5	102.0	102.2	103.5	104.4
92.3	92.7	90.5	91.9	93.4	94.9	98.3	101.3
114.2	117.7	116.6	117.4	118.0	118.6	119.4	120.7
115.9	120.3	118.7	119.8	120.8	121.6	122.2	123.8
111.1	113.1	112.9	113.0	113.1	113.1	114.4	115.1
93.6	100.8	97.8	100.3	101.9	103.0	103.9	105.2
87.5	94.7	91.3	94.3	96.0	97.1	97.9	99.4
102.5	109.7	107.1	109.3	110.1	112.4	115.4	117.4
72.3	79.5	75.2	79.0	81.7	81.5	80.1	81.1
111.6	118.4	116.5	117.9	119.1	120.2	121.4	122.3
	119.6	118.1	119.1	120.1	120.8	121.4	123.0
	117.5	115.3	116.9	118.3	119.7	121.4	121.7
	100.0 92.3 114.2 115.9 111.1 93.6 87.5 102.5 72.3 111.6 115.4	96.6 97.8 100.0 101.7 92.3 92.7 114.2 117.7 115.9 120.3 111.1 113.1 93.6 100.8 87.5 94.7 102.5 109.7 72.3 79.5 111.6 118.4 115.4 119.6	96.6 97.8 96.6 100.0 101.7 101.0 92.3 92.7 90.5 114.2 117.7 116.6 115.9 120.3 118.7 111.1 112.9 93.6 100.8 97.8 87.5 94.7 91.3 102.5 109.7 107.1 72.3 79.5 75.2 111.6 118.4 116.5 118.4	96.6 97.8 96.6 97.5 100.0 101.7 101.0 101.5 92.3 92.7 90.5 91.9 114.2 117.7 116.6 117.4 115.9 120.3 118.7 119.8 111.1 118.1 112.9 118.0 93.6 100.8 97.8 100.3 87.5 94.7 91.3 94.3 102.5 109.7 107.1 109.3 72.3 79.5 75.2 79.0 111.6 118.4 116.5 117.9 119.6	96.6 97.8 96.6 97.5 102.0 101.7 101.0 101.5 102.0 92.3 92.7 90.5 91.9 93.4 114.2 117.7 116.6 117.4 118.0 115.9 120.3 118.7 119.8 120.8 111.1 113.1 112.9 113.0 113.1 93.6 100.8 97.8 100.3 101.9 87.5 94.7 91.3 94.3 96.0 102.5 109.7 107.1 109.3 110.1 72.3 79.5 75.2 79.0 81.7 111.6 118.4 116.5 117.9 119.1 115.4 119.6 118.1 119.1 120.1	96.6 97.8 96.6 97.5 98.4 99.2 100.0 101.7 101.0 101.5 102.0 102.2 102.2 92.3 92.7 90.5 91.9 98.4 94.9 114.2 117.7 116.6 117.4 118.0 118.6 115.9 120.3 118.7 119.8 120.8 121.6 111.1 113.1 112.9 113.0 113.1 113.1 93.6 100.8 97.8 100.3 101.9 133.1 87.5 94.7 91.3 94.3 96.0 97.1 102.5 109.7 107.1 109.3 110.1 112.4 72.3 79.5 75.2 79.0 81.7 81.5 115.4 118.6 118.1 119.1 120.1 120.8	96.6 97.8 96.6 97.5 98.4 99.2 101.3 100.0 101.7 101.0 101.5 102.0 102.2 103.5 92.3 92.7 90.5 91.9 98.4 94.9 98.3 114.2 117.7 116.6 117.4 118.0 118.6 119.4 115.9 120.3 118.7 119.8 120.8 121.6 122.2 111.1 113.1 112.9 118.0 118.1 113.1 114.4 93.6 100.8 97.8 100.3 101.9 103.0 103.9 87.5 94.7 91.3 94.3 96.0 97.1 97.9 102.5 109.7 107.1 109.3 110.1 112.4 115.4 72.3 79.5 75.2 79.0 81.7 81.5 80.1 115.4 118.6 118.7 119.1 120.1 120.8 121.4

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]

				Sea	sonally	adjus	ted	
	1986	1987		19	87		19	88
			I	11	Ш	IV	Į	II'
Merchandise exports	96.6	97.8	96.6	97.5	98.4	99.2	101.3	103.1
Foods, feeds, and beverages	87.9	82.1	81.7	81.4	82.0	83.3	88.2	94.1
Industrial supplies and materials	91.6	95.4	91.8	94.4	96.8	98.5	101.2	102.9
Durable goods	91.6	95.5	91.8	94.4	96.8	98.5	101.2	102.9
Nondurable goods	91.6	95.4	91.8	94.4	96.8	98.5	101.2	102.9
Capital goods, except autos	99.3	100.5	100.7	100.6	100.6	100.1	101.2	101.9
Autos	111.6	113.1	111.9	113.0	113.3	114.1	113.8	113.9
Consumer goods	103.6	107.4	106.0	106.7	107.6	109.2	111.0	111.€
Durable goods	99.4	102.2	101.6	101.1	102.1	104.0	105.4	107.0
Nondurable goods	106.9	111.5	109.5	111.1	111.9	113.2	115.5	115.3
Other	99.4	100.9	99.3	100.3	101.2	102.7	104.7	106.
Durable goods	99.4	100.9	99.3	100.3	101.2	102.7	104.7	106.8
Nondurable goods	99.4	100.9	99.3	100.3	101.2	102.7	104.7	106.5
Merchandise imports	87.5	94.7	91.3	94.3	96.0	97.1	97.9	99.4
Foods, feeds, and beverages	104.9	103.6	102.9	101.0	104.3	106.2	109.1	110.3
Industrial supplies and materials,								
excluding petroleum	84.4	90.1	85.3	88.3	92.7	94.3	99.9	103.6
Durable goods	84.5	90.3	85.4	88.5	92.9	94.5	100.1	103.7
Nondurable goods	84.3	90.0	85.1	88.1	92.5	94.1	99.8	103.8
Petroleum and products	45.7	55.1	50.1	55.9	58.0	55.5	48.4	48.1
Capital goods, except autos	100.4	109.2	107.5	109.6	108.6	111.8	113.8	115.0
Autos	118.4	125.1	123.1	125.0	125.2	126.9	129.0	130.4
Consumer goods	106.3	114.8	111.6	114.2	115.5	118.1	121.2	123.
Durable goods	104.3	111.8	109.4	111.2	112.1	114.6	117.6	120.2
Nondurable goods	109.1	119.1	114.6	118.5	120.2	123.0	126.4	128.2
Other	103.1	110.1	106.9	109.4	110.9	113.2	116.4	118.
Durable goods	103.1	110.1	106.9	109.4	111.0	113.1	116.4	118.
Nondurable goods	103.1	110.1	106.9	109.4	110.9	113.2	116.4	118.

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

[Index numbers, 1982=100]

				Sea	sonally	adjust	ted	
	1986	1987		19	87		19	88
			I	II	Ш	IV	I	П
National defense purchases	111.3	114.0	113.2	113.9	114.2	114.8	116.6	117.4
Durable goods	110.2	109.0	110.0	109.5	108.8	107.6	108.6	109.3
Military equipment Aircraft Missiles Ships Vehicles Electronic equipment Other Other Nondurable goods	118.4 83.9	110.9 110.4 119.1 119.7 89.8 106.7 107.9 100.5	112.2 112.1 122.9 119.7 91.3 107.1 107.3 100.1	111.5 111.4 120.9 119.6 90.4 106.3 107.5 100.7	110.6 109.4 119.9 119.6 89.1 106.7 108.3 100.7	109.2 108.5 112.6 119.8 88.4 106.6 108.6 100.5	110.3 110.3 112.7 120.4 88.1 106.9 110.7 100.9	110.9 111.5 112.6 120.4 89.3 106.9 110.8 101.8
Petroleum products	54.0 94.4 106.8	52.4 97.2 109.6	45.6 100.5 108.3	52.7 97.8 109.2	54.2 97.1 110.1	56.9 93.3 110.6	54.4 95.0 112.0	57.4 95.0 113.3
Services	116.2	120.6	119.5	120.2	120.7	121.9	124.3	125.1
Compensation of employees. Military. Civilian. Other services. Contractual research and development Installation support 1. Weapons support 2. Personnel support 3. Transportation of materiel Travel of persons. Other.	117.1 117.1 114.3 113.4 119.9 113.8 129.7 90.4 102.4	122.0 121.6 122.9 117.8 115.6 123.7 114.6 145.7 93.0 103.9	121.1 120.8 121.7 116.3 114.2 121.9 113.7 140.5 93.3 104.7	121.9 121.4 123.0 116.9 114.7 122.8 113.7 144.4 91.4 103.4	122.0 121.5 123.1 118.2 116.0 125.0 114.4 144.9 92.5 103.7	123.0 122.5 123.9 119.8 117.3 125.2 116.4 152.8 94.6 103.8	126.2 125.6 127.4 120.7 118.2 125.9 116.6 155.5 95.6 103.8	127.0 126.5 127.9 121.4 119.1 127.1 116.7 156.4 95.0 104.6
Structures	117.2	121.7	119.6	120.9	122.5	123.9	125.5	126.2
Military facilities	120.2 112.7	123.3 119.5	122.1 115.8	122.7 118.2	123.5 121.0	124.7 122.8	126.4 124.2	127.6 124.1

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]

				Sea	sonally	adjust	ted	
	1986	1987		19	87		198	88
			I	П	III	IV	I	Πr
Government purchases of goods and services	115.6	119.6	118.0	119.1	120.1	121.2	122.9	124.3
Federal	110.8	113.5	112.5	113.3	113.7	114.4	116.3	117.2
National defense Durable goods Nondurable goods Services Compensation of employees Military Civilian Other services Structures Nondefense Durable goods Nondurable goods	117.2 109.4 99.6	114.0 109.0 68.7 120.6 122.0 121.6 122.9 117.8 121.7 112.1 99.6	113.2 110.0 64.5 119.5 121.1 120.8 121.7 116.3 119.6 110.6 99.6	113.9 109.5 69.0 120.2 121.9 121.4 123.0 116.9 120.9 111.7 99.8	114.2 108.8 70.1 120.7 122.0 121.5 123.1 118.2 122.5 112.5 99.3	114.8 107.6 71.3 121.9 123.0 122.5 123.9 119.8 128.9 118.6 99.5	116.6 108.6 70.1 124.3 126.2 125.6 127.4 120.7 125.5 115.7 100.2	117.4 109.3 72.4 125.1 127.0 126.5 127.9 121.4 126.2 116.9 101.3
Commodity Credit Corporation inventory change	1							
Other nondurables	94.7 115.7 117.3 113.2	96.9 120.2 123.0 115.8 111.3	96.6 119.0 121.9 114.6 110.3	97.0 120.0 123.1 115.2 110.9	97.6 120.5 123.2 116.3 111.9	96.2 121.2 123.9 116.9 112.2	97.8 123.5 127.4 117.4 113.5	98.9 124.2 127.9 118.5 114.9
State and local	119.1	124.1	122.0	123.3	124.9	126.1	127.8	129.5
Durable goods Nondurable goods Services Compensation of employees Other services Structures	90.4 124.1 124.5 121.9	110.6 95.0 129.9 130.6 126.6 114.5	109.9 92.6 127.6 128.3 124.6 113.3	110.4 94.6 129.0 129.7 125.8 113.9	110.8 96.5 130.6 131.3 127.6 115.1	111.1 96.2 132.2 133.0 128.3 115.9	111.9 95.5 134.2 135.2 129.6 117.4	112.8 97.6 135.9 136.9 131.2 119.0

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

[Dollars]

				Sea	sonally	adjust	ed			
	1986	1987		19	87		1988			
			I	п	Ш	īv	I	II'		
Current-dollar cost and profit per unit of constant-dollar gross domestic product ¹	1.089	1.107	1.101	1.104	1.109	1.113	1.114	1.123		
Capital consumption allowances with capital consumption adjustment	.121	.122	.122	.122	.121	.121	.121	.121		
Net domestic product	.968	.985	.979	.982	.988	.992	.993	1.002		
Indirect business tax and nontax liability plus business transfer payments less subsidies. Domestic income	.105 .863 .719	.106 .880 .732	.105 .874 .730	.106 .876 .730	.106 .882 .729	.105 .887 .738	.105 .887 .736	.106 .896 .743		
valuation and capital consumption adjustments Profits tax liability Profits after tax with inventory valuation and capital		.105 .044	.103 .041	.104 .043	.109 .046	.103 .044	.106 .044	.107 .046		
consumption adjustments Net interest	.071 .039	.061 .043	.061 .041	.061 .043	.063 .044	.059 .046	.062 .045	.06: .040		

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

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

[Percent]

			Seas	onally	adjuste	ed at ar	nual r	ates				Seas	onally	adjuste	d at an	nual ra	tes
	1986	1987		198	37		19	88		1986	1987		19	37		198	
			I	II	Ш	IV	I	II'				I	11	ш	IV	I	II'
Gross national product: Current dollars	2.5 2.8	6.8 3.4 3.3 3.4 3.6	8.4 4.6 3.5 4.0 4.2	8.7 5.0 3.5 3.7 4.2	7.7 4.5 3.1 3.6 3.7	8.6 6.1 2.4 3.4 3.8	5.4 3.4 1.7 3.0 3.5	8.3 3.3 5.1 4.4 4.7	Government purchases of goods and services: Current dollars	6.1 4.0 2.0 2.0 2.1	6.1 2.6 3.4 3.1 3.5	8.0 8 8.7 5.0 4.9	5.4 4 5.9 2.5 3.8	7.4 5.7 1.7 3.2 3.6	6.6 5.0 1.4 2.9 3.5	9 -7.9 7.6 4.8 5.9	6.9 3.6 3.3 3.9 4.5
Current dollars 1982 dollars Implicit price deflator Chain price index Fixed-weighted price index	4.3 2.4 2.7	7.3 2.7 4.5 4.5 4.5	6.5 .6 5.6 5.5 5.6	10.0 4.3 5.6 5.7 5.7	9.1 4.6 4.4 4.3 4.2	2.4 -2.1 4.4 4.4 4.6	6.9 4.5 2.3 2.5 2.4	8.0 2.7 5.0 5.2 5.2	Pederal: Current dollars	3.1 2.3 .7 .5 .4	4.3 1.7 2.6 1.6 2.4	6.7 -7.4 15.3 6.0 6.0	5.3 -2.3 7.7 1 3.0	9.7 12.6 -2.8 .4 1.4	5.4 6.7 -1.1 1.6 2.6	-13.3 -21.0 9.6 4.3 6.7	4.2 4.0 .3 1.7 3.3
Durable goods: Current dollars	8.4 .8 1.1	3.8 1.5 2.2 2.7 3.0	16.3 17.8 1.9 3.7 4.1	17.9 14.5 3.0 2.2 2.6	21.4 16.5 4.2 3.6 3.9	16.5 17.3 1.1 2.6 2.8	15.8 14.7 .7 1.6 1.6	9.8 8.4 1.5 1.7 1.6	National defense: Current dollars. 1982 dollars. Implicit price deflator. Chain price index. Fixed-weighted price index.		6.4 5.4 1.0 1.3 2.4	13.9 6.3 7.1 6.0 5.5	10.9 12.7 -1.8 -1.1 2.5	7.0 7.3 0 .5	$ \begin{array}{c}8 \\ -1.9 \\ 1.1 \\ 2.1 \\ 2.1 \end{array} $	$ \begin{array}{r} -1.1 \\ -5.3 \\ 4.4 \\ 3.4 \\ 6.4 \end{array} $	3 -2.1 1.8 2.3 2.9
Nondurable goods: Current dollars 1982 dollars Implicit price deflator Chain price index Fixed-weighted price index	3.8 2	5.8 1.3 4.5 4.5 4.5	10.2 2.1 7.6 7.4 7.5	7.5 0 7.9 8.1 8.0	4.6 .9 3.6 3.4 3.5	2.3 6 2.9 3.4 3.4	1.5 1.0 .4 .7 .8	7.9 0 8.0 7.9 7.6	Nondefense: Current dollars 1982 dollars Implicit price deflator Chain price index Fixed-weighted price index.	-7.7	$ \begin{array}{r} -2.3 \\ -9.6 \\ 8.1 \\ 2.4 \\ 2.5 \end{array} $	-14.1 -39.8 42.5 5.8 7.2	$-12.5 \\ -41.6 \\ 50.8 \\ 3.2 \\ 4.1$	19.7 35.4 -12.1 .1 2.8	29.7 43.8 -9.7 0 4.0	-45.3 -60.1 37.0 7.1 7.6	22.3 32.4 -7.7 6 4.2
Services: Current dollars	3.3	9.3 4.1 5.0 5.0 4.8	11.3 6.3 4.9 4.8 4.7	9.6 4.5 4.8 5.0 4.9	8.9 3.7 4.8 5.0 4.8	8.1 2.2 6.0 5.5 5.7	8.1 4.0 3.7 3.8 3.7	7.6 3.0 4.6 4.5 4.4	State and local: Current dollars	8.5 5.4	7.5 3.3 4.1 4.1 4.2	9.1 4.6 4.4 4.3 4.2	5.5 1.1 4.4 4.3 4.3	5.9 .6 5.3 5.2 5.2	7.5 3.8 3.3 3.7 4.0	8.6 3.5 5.2 5.2 5.4	8.7 3.2 5.2 5.4 5.4
Gross private domestic investment: Current dollars	1.0	7.1 4.9	18.9 20.9	7.8 8.8	2.5 4.8	40.3 38.6	8 2.3	-2.7 -6.0	Addenda: Gross domestic purchases: 1982 dollars Chain price index Fixed-weighted price index	3.7 2.5	3.0 3.9 4.1	3.4 5.0 5.1	4.1 4.5 4.9	4.8 3.9 4.0	5.4 3.6 4.0	1.6 2.9 3.2	1.3 4.4 4.6
Fixed investment: Current dollars 1982 dollars Implicit price deflator Chain price index Fixed-weighted price index	0 2.9 2.3	3.6 2.0 1.6 2.8 2.9	$ \begin{array}{r} -6.3 \\ -6.5 \\ .4 \\ 2.7 \\ 3.2 \end{array} $	11.6 10.6 .8 2.3 2.8	14.2 15.1 8 3.3 3.4	2.7 1.7 1.1 1.4 2.0	3.0 3.3 4 2.5 3.3	10.2 11.8 -1.5 1.1 1.8	Final sales: 1982 dollars Chain price index Fixed-weighted price index Final sales to domestic purchasers:	2.7 2.5 2.7	2.9 3.4 3.6	.2 4.0 4.2	5.3 3.8 4.2	6.1 3.6 3.7	.4 3.5 3.8	3.6 3.0 3.5	6.5 4.3 4.7
Nonresidential: Current dollars 1982 dollars Implicit price deflator Chain price index Fixed-weighted price index	2.6 2.2	3.0 2.8 .2 1.8 2.3	-10.0 -8.3 -2.0 2.2 3.0	15.4 16.8 1.2 .2 1.8	23.7 28.4 -3.5 .3	1.7 1.7 4 .5	6.5 7.6 8 2.3 3.4	14.9 16.3 -1.2 1.5 2.2	1982 dollars Command-basis gross national product: 1982 dollars Implicit price deflator	3.5 2.5 2.5 2.9	2.5 3.9 4.1	8 5.0 5.1 3.4 5.0	4.3 4.5 4.9	6.5 3.9 4.0	1 3.6 4.0	1.7 2.9 3.3	4.4 4.3 4.6 3.8 4.4
Structures: Current dollars	-9.6 -13.5 4.5 1.4		-5.5 -8.7 3.4 4.0 4.0	5.2 3 6.0 4.7 4.6	28.2 25.6 1.8 4.9 5.0	13.8 13.4 .4 1.7 2.2	-19.0 -22.4 4.4 4.0	16.0 12.1 3.6 1.1	Gross domestic product: 1982 dollars Implicit price deflator Business:	3.0 2.6	3.9 3.5 3.3	5.0 4.5 3.5	5.4 3.5	3.1 4.7 3.1	2.4 5.8 2.4	2.4 4.2 1.7	3.1 5.1
Fixed-weighted price index Producers' durable	1.1	3.2	4.0	4.6	5.0	2.2	4.1	1.1	1982 dollars Implicit price deflator	3.2 2.5	3.8 2.9	5.0 3.2	5.8 3.2	5.0 2.8	6.4 2.1	4.4 1.0	$\frac{3.3}{4.9}$
equipment: Current dollars	$\begin{array}{c c}1 \\ 2.0 \\ 2.6 \end{array}$	1.1	1.5	20.3 24.3 -3.2 -1.8	21.7 29.4 -6.1 -1.6	8 0	20.4 21.6 -1.3 1.5	14.6 17.9 -2.9 1.7	Nonfarm: 1982 dollars Implicit price deflator Disposable personal income: Current dollars	2.6	3.7 3.0 6.3	4.0 3.2 10.7	5.6 2.4 1.3	6.5 3.1 9.3	5.6 2.1 11.8	5.4 1.0	4.9 3.8 5.5
Fixed-weighted price index Residential: Current dollars	14.7 11.8 2.6 2.5 2.4	1.8 4.8 .1 4.6 4.7 4.5	$\begin{array}{c} 2.4 \\ -2.6 \\ 3.6 \\ 3.7 \\ 3.7 \end{array}$	4.7 -1.6 6.5 6.6 6.2	3 -2.4 -10.7 9.0 9.4 9.1	1.4 4.7 1.3 3.4 3.2 2.9	2.9 -3.8 -6.5 2.7 2.8 3.0	3.0 9 1.1 .3 .2	1982 dollars	3.9	1.7	4.6	-3.9	9.3 4.8	6.9	5.0	5.5 .3
Exports of goods and services: Current dollars	2.0 3.1 -1.0 1 .2	13.1 13.1 0 1.7 2.0	10.9 7.5 8.3 2.8 3.3	23.6 23.6 0 2.5 3.2	24.6 25.7 8 2.4 3.1	18.7 17.7 .8 2.1 2.6	26.8 25.7 .8 5.5 6.2	17.6 11.6 5.7 5.1 6.0									
Imports of goods and services: Current dollars	7.6 9.4 -1.7 $.2$ -2.2	14.1 7.9 5.8 7.0 7.6	12.6 -1.9 14.8 12.1 13.7	20.5 11.5 8.0 9.3 11.0	21.3 23.4 -2.0 5.1 6.4	14.8 9.9 4.5 4.0 4.3	10.3 6.9 3.2 4.4 3.5	-2.2 -3.6 1.6 5.2 5.4			į						

Nors.—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.

Reconciliation and Other Special Tables

Table 1.—Revisions in Selected Component Series of the NIPA's, Second Quarter of 1988

	Seasonally	adjusted at a	nnual rates	Percent cha	ange from
		Prelimi-		preceding o	rates
	Advance	nary	Difference	Advance	Prelimi- nary
	Billion	ns _i of current d	lollars		
GNP	4,806.9	4,819.7	12.8	7.2	8.3
National income		3,933.9			8.9
Compensation of employees		2,874.0	1.4	8.2	8.4
consumption adjustmentsOther		332.0 728.0	5.4	2.4	21.5 5.5
Personal income	4,017.2	4,021.9	4.7	6.8	7.3
	Billions o	f constant (19	82) dollars		
GNP	3,986.3	3,988.1	1.8	3.1	3.3
Less: Exports		499.7 589.7	4.1 4.0	8.0 -6.2	$^{11.6}_{-3.6}$
Equals: Gross domestic purchases	4,076.4	4,078.2	1.8	1.1	1.3
Personal consumption expenditures Nonresidential fixed investment Residential investment Change in business inventories Government purchases	489.2 190.8 45.0	2,577.2 491.6 190.0 36.0 783.3	3.0 2.4 8 -9.0 6.1	2.3 14.0 2.8	2.7 16.3 1.1
	Index	numbers, 1982	l=100 ¹	:	
	·	T			
GNP price index (fixed weights) GNP price index (chained weights)	123.2	123.2	0	4.7 4.4	4.7 4.4
GNP implicit price deflator	. 120.6	120.9 122.8	0.3	4.1 4.7	5.1 4.6

^{1.} Not at annual rates.

Note.—For the second quarter of 1988, the following revised or additional major source data were incorporated: For personal consumption expenditures, revised retail sales for May and June; for nonresidential fixed investment, revised manufacturers' shipments of equipment for May and June, construction put in place for May (revised) and June, and partial information on actual plant and equipment expenditures for the quarter; for residential investment, construction put in place for May (revised) and June; for net exports of goods and services, merchandise exports and merchandise imports for May (revised) and June; for net exports of goods and services, perchandise exports and merchandise imports for May (revised) and June; for wages and salaries, revised employment, average hourly earnings, and average weekly hours for May and June; for corporate profits, domestic book profits for the quarter; and for GNP prices, merchandise export and import price indexes for June these indexes are prepared only for the last month of each quarter), unit-value indexes for petroleum imports for June and for merchandise exports and nonpetroleum merchandise imports for May, and residential housing prices for the quarter.

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

	19	187	19	88
	Ш	IV	I	11
Compensation per hour of all persons in the business economy other than farm and housing (percent change at annual rate)	4.4	6.7	2.9	4.2
2. Less: Contribution of supplements	1	7	.8	9
3. Plus: Contribution of housing and nonprofit institutions	.4	.1	1	.2
4. Less: Contribution of employees of government enterprises, unpaid family workers, and the self-employed	.3	4	0	0
5. Equals: Wages and salaries per hour of employees in the private nonfarm economy (percent change at annual rate)	4.6	7.9	1.9	5.3
6. Less: Contribution of nonproduction workers in manufacturing	1	-1.1	1	2
7. Less: Contribution of non-BLS data, detailed weighting, and seasonal adjustment	2.0	4.6	2	.3
8. Equals: Average hourly earnings, production and nonsupervisory workers in the private nonfarm economy (percent change at annual rate)	2.8	4.3	2.2	5.2

BLS estimates of changes in hourly compensation in the nonfarm business sector for the four quarters are 4.5, 6.4, 3.5, and 4.1 percent.

Table 3.—Cyclically Adjusted Federal Receipts, Expenditures, Surplus or Deficit (-), and Debt

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

									19	81			19	82			19	83	
	1981	1982	1983	1984	1985	1986	1987	I	II	III	IV	I	II	III	IV	I	II	III	IV
Based on middle-expansion trend GNP:																			
Receipts:																		Ì	
Level	21.1	20.5	709.5 19.9	738.2 19.4	790.9 19.7	825.3 19.5	900.1 20.2	625.8 21.2	640.7 21.2	$658.7 \\ 21.2$	663.1 20.8	676.6 20.7	686.2 20.7	687.8 20.3	696.8 20.2	700.0 20.0	20.3	19.7	19.
Change from preceding period Due to automatic inflation effects	62.7	44.0	22.6 23.4	28.7 24.4	52.7 18.2	34.4 18.1	74.8 25.7	33.9 18.0	$\frac{14.9}{9.3}$	18.0 16.2	$\frac{4.4}{14.2}$	$\frac{13.5}{10.4}$	9.6 7.9	$\frac{1.6}{10.6}$	9.0 5.2	3.2 4.0	19.5 4.5	-12.5 5.6	4. 8.
Due to discretionary policy and other factors Expenditures:	29.3	-4.2	8	4.3	34.6	16.2	49.1	15.9	5.6	1.8	-9.8	3.1	1.7	-9.0	3.8	8	15.0	-18.1	-4.
[evel	702.0	771.2	827.5	894.4	984.1			675.2	684.5	714.4	734.0	739.5	745.3	778.3	821.7	811.1	827.3	831.5	
Percentage of trend GNP Change from preceding period	86.4	69.2	23.2 56.3	23.5 66.9	24.5 89.7	$\frac{24.4}{47.6}$	24.1 45.3	22.8 21.3	22.6 9.3	23.0 29.9	23.0 19.6	22.7 5.5	22.4 5.8	23.0 33.0	23.9 43.4	23.2 -10.6	23.4 16.2	23.1 4.2	8.
Due to automatic inflation effects Due to discretionary policy and other factors	37.3	31.9 37.3	16.8 39.6	18.8 48.1	21.2 68.5	18.0 29.6	19.5	4.4 16.9	4.0 5.3	18.9 11.0	9.5 10.1	$\frac{3.4}{2.1}$	5.8 3.7 2.1	13.4 19.6	5.8	$^{2.0}_{-12.6}$	1.8	2.0	1.7
Surplus or deficit (_):		1						1											
LevelPercentage of trend GNP	1.8	$-84.4 \\ -2.5$	$-118.1 \\ -3.3 \\ -33.7$	156.3 4.1	$-193.2 \\ -4.8$	$-206.4 \\ -4.9$	$-176.9 \\ -4.0$	-1.7	$-43.8 \\ -1.4$	$-55.7 \\ -1.8$	-70.9 -2.2	$-62.9 \\ -1.9$	$ \begin{array}{r r} -59.1 \\ -1.8 \\ \hline 3.8 \end{array} $	$-90.5 \\ -2.7$	-124.9 -3.6	-111.1 -3.2 13.8	$-107.8 \\ -3.0$	-3.5	-3
Change from preceding period	5.5 25.6	$-29.4 \\ 12.0$	$\begin{bmatrix} -33.7 \\ 6.6 \end{bmatrix}$	$-38.2 \\ 5.7$	$-36.9 \\ -3.0$	-13.2 .2	29.5 6.3	12.5 13.7	5.6 5.3	$-11.9 \\ -2.7$	-15.2 4.6	8.0 7.0	3.8 4.1	$-31.4 \\ -2.8$	$-34.4 \\ -0.6$	13.8 2.0	3.3 2.7	$-16.7 \\ 3.6$	
Due to discretionary policy and other factors Debt:	20.1					-13.5	23.2	-1.2	.3	-9.2	-19.8	1.0	3	-28.6	-33.8	11.8	.6		-10
At par value, end of period:																		i	
LevelPercentage of trend GNP	857.4 27.9			1,264.8 33.3	1,481.3 36.9	1,692.7 40.1			823.0 27.2	835.5 26.8	857.4 26.9	874.5 26.8	885.8 26.7	922.5 27.2	955.9 27.8	990.3 28.4	$1,037.5 \\ 29.3$	$1,068.4 \\ 29.7$	
At market value, end of period: Level	1					1,824.7					20.0	=0.0		2,12		20.1			
Percentage of trend GNP	26.2		29.5		38.6	43.2													
Based on 6-percent unemployment rate trend GNP:		1												}					
Receipts:																			
Level Percentage of trend GNP	668.8 21.2		729.0 19.9	756.8	808.6	842.3		646.9	662.0	681.2 21.3	684.9	698.5	707.8	708.5		719.9	739.6	726.2	
Expenditures:	1			19.5	19.8	19.6		21.3	21.3		20.9	20.9	20.8	20.4	20.3	20.1	20.4	19.7	19
Level	695.0 22.0		822.7 22.5	890.7 22.9	981.4 24.0	1,029.8 24.0	$1,075.5 \\ 23.7$	667.5 22.0	$677.7 \\ 21.8$	$707.2 \\ 22.1$	727.41 22.2	$733.0 \\ 21.9$	738.7 21.7	772.0 22.2	815.8 23.1	805.7 22.5	822.5 22.7	827.0 22.5	
Surplus or deficit (—): Level			-93.7	- 133.9		187.6			-15.8	-26.0	-42.5	-34.5		-63.5		-85.8	-82.8	-100.8	
Percentage of trend GNP	8		-2.6	-3.4		-4.4			-15.5	8	-1.3	-1.0			-2.8	-2.4	-2.3	-2.7	
Addenda:												-			"				
Middle-expansion trend GNP:												٠.							
Middle-expansion trend GNP: Current dollars	3,071.1	3,354.1	3,571.7	3,800.8	4,014.1	4,223.2	4,462.3	2,957.0	3,024.0	3,112.2	3,191.3	3,261.4	3,322.2	3,390.4	3,442.4	3,491.6	3,541.1	3,594.7	3,659.
Current dollars 1982 dollars	3,157.3 $3,361.0$	3,441.8 3,440.6	3,656.1 3,520.4	3,881.3 3,601.9	4,089.1 3,685.3	4,297.1 3,770.8	4,540.3 3,858.1	3,040.8 3,330.6	3,108.2 3,349.3	3,200.3 3,372.3	3,279.71 3,391.6	3,349.7 3,411.1	$3,410.1 \\ 3,430.7$	$3,478.0 \\ 3,450.4$	$3,529.2 \\ 3,470.2$	3,577.5 $3,490.2$	$3,626.0 \\ 3,510.2$	3,678.7 3,530.4	3,742. $3,550.$
					L—.		<u> </u>		-					ļ	1		<u> </u>	<u> </u>	
		l	10	οà			10	0.5			10	oe ·			10	07		10	100
		I	19 II	84 III	IV.	I	19 II	85 III	IV	I	19 II	III	IV	I	19 II	87 III	IV	19 I	11
Pered on widdle expansion trans CND		I			ÎV.	I			IV	I			IV	I			IV		
- · · · · · · · · · · · · · · · · · · ·		I			IV.	I			IV	I			IV	I			IV		_
Receipts			732.4	737.5	753.1	801.3	II 763.2	111 794.6	804.5	795.0	II 813.0	III 833.6	859.4	867.9	II 908.3	III 911.4	912.8	916.4	944
Receipts: Level Percentage of trend GNP		729.6 19.6	732.4 19.4	737.5 19.3	753.1 19.4	801.3 20.4	763.2 19.1	794.6 19.7	804.5 19.6	795.0 19.3	II 813.0 19.4	833.6 19.6	859.4 19.9	867.9 19.9	908.3 20.5	911.4 20.3	912.8 20.1	916.4 20.0	944 20
Change from preceding period	 	729.6 19.6 18.3 7.2	732.4 19.4 2.8 3.9	737.5 19.3 5.1 5.7	753.1 19.4 15.6 5.1	801.3 20.4 48.2 3.0	763.2 19.1 -38.1 5.7	794.6 19.7 31.4 3.6	804.5 19.6 9.9 5.7	795.0 19.3 -9.5 8	813.0 19.4 18.0 7.2	833.6 19.6 20.6 10.8	859.4 19.9 25.8 2.5	867.9 19.9 8.5 6.6	908.3 20.5 40.4 7.8	911.4 20.3 3.1 6.3	912.8 20.1 1.4 4.2	916.4 20.0 3.6 2.2	944 20 28 13
Receipts: Level Percentage of trend GNP. Change from preceding period. Due to automatic inflation effects Due to discretionary policy and other factors. Expenditures:		729.6 19.6 18.3 7.2 11.1	732.4 19.4 2.8 3.9 -1.1	737.5 19.3 5.1 5.7 6	753.1 19.4 15.6 5.1 10.5	801.3 20.4 48.2 3.0 45.2	763.2 19.1 -38.1 -37 -43.8	794.6 19.7 31.4 3.6 27.8	804.5 19.6 9.9 5.7 4.2	795.0 19.3 -9.5 8 -8.7	813.0 19.4 18.0 7.2 10.8	833.6 19.6 20.6 10.8 9.8	859.4 19.9 25.8 2.5 23.3	867.9 19.9 8.5 6.6 1.9	908.3 20.5 40.4 7.8 32.6	911.4 20.3 3.1 6.3 -3.2	912.8 20.1 1.4 4.2 -2.8	916.4 20.0 3.6 2.2 1.4	944 20 28 13 14
Receipts: Level Percentage of trend GNP Change from preceding period Due to automatic inflation effects Due to discretionary policy and other factors Expenditures: Level		729.6 19.6 18.3 7.2 11.1 863.8	732.4 19.4 2.8 3.9 -1.1 884.7	737.5 19.3 5.1 5.7 6 899.6	753.1 19.4 15.6 5.1 10.5 929.5	801.3 20.4 48.2 3.0 45.2 957.1	763.2 19.1 -38.1 5.7 -43.8 968.0	794.6 19.7 31.4 3.6 27.8 995.0	804.5 19.6 9.9 5.7 4.2 1,016.2	795.0 19.3 -9.5 -8.7 1,003.2	813.0 19.4 18.0 7.2 10.8	833.6 19.6 20.6 10.8 9.8	859.4 19.9 25.8 2.5 23.3	867.9 19.9 8.5 6.6 1.9 1,060.1	908.3 20.5 40.4 7.8 32.6 1,066.8	911.4 20.3 3.1 6.3 -3.2 1,072.4	912.8 20.1 1.4 4.2 -2.8	916.4 20.0 3.6 2.2 1.4 1,109.4	944 20 28 13 14
Receipts: Level Percentage of trend GNP. Change from preceding period. Due to automatic inflation effects Due to discretionary policy and other factors. Expenditures: Level Percentage of trend GNP. Change from preceding period.		729.6 19.6 18.3 7.2 11.1 863.8 23.2 23.6	732.4 19.4 2.8 3.9 -1.1 884.7 23.5 20.9	737.5 19.3 5.1 5.7 6 899.6 23.5 14.9	753.1 19.4 15.6 5.1 10.5 929.5 23.9	801.3 20.4 48.2 3.0 45.2 957.1 24.3 27.6	763.2 19.1 -38.1 5.7 -43.8 968.0 24.3 10.9	794.6 19.7 31.4 3.6 27.8 995.0 24.6 27.0	804.5 19.6 9.9 5.7 4.2 1,016.2 24.8	795.0 19.3 -9.5 8 -8.7 1,003.2 24.3 -13.0	813.0 19.4 18.0 7.2 10.8 1,047.3 25.0 44.1	833.6 19.6 20.6 10.8 9.8 1,037.1 24.3 -10.2	859.4 19.9 25.8 2.5 23.3 1,039.0 24.1 1.9	867.9 19.9 8.5 6.6 1.9 1,060.1 24.2 21.1	908.3 20.5 40.4 7.8 32.6 1,066.8 24.1 6.7	911.4 20.3 3.1 6.3 -3.2 1,072.4 23.9 5.6	912.8 20.1 1.4 4.2 -2.8 1,108.7 24.4 36.3	916.4 20.0 3.6 2.2 1.4 1,109.4 24.2 7	944 20 28 13 14 1,118 23 8
Receipts: Level		729.6 19.6 18.3 7.2 11.1 863.8 23.2 23.6 12.4 11.2	732.4 19.4 2.8 3.9 -1.1 884.7 20.9 2.7 18.2	737.5 19.3 5.1 5.7 6 899.6 23.5	753.1 19.4 15.6 5.1 10.5 929.5	801.3 20.4 48.2 3.0 45.2 957.1 24.3	763.2 19.1 -38.1 5.7 -43.8 968.0 24.3	794.6 19.7 31.4 3.6 27.8 995.0 24.6 27.0	804.5 19.6 9.9 5.7 4.2 1,016.2 24.8	795.0 19.3 -9.5 8 -8.7 1,003.2 24.3 -13.0 9.1	813.0 19.4 18.0 7.2 10.8 1,047.3 25.0	833.6 19.6 20.6 10.8 9.8 1,037.1 24.3	859.4 19.9 25.8 2.5 23.3 1,039.0 24.1 1.9	867.9 19.9 8.5 6.6 1.9 1,060.1 24.2	908.3 20.5 40.4 7.8 32.6 1,066.8 24.1 6.7	911.4 20.3 3.1 6.3 -3.2 1,072.4 23.9 5.6 3.9	912.8 20.1 1.4 4.2 -2.8 1,108.7 24.4	916.4 20.0 3.6 2.2 1.4 1,109.4 24.2 77.0	944 20 28 13 14 1,118 23 8
Receipts: Level		729.6 19.6 18.3 7.2 11.1 863.8 23.2 23.6 12.4 11.2	732.4 19.4 2.8 3.9 -1.1 884.7 20.9 2.7 18.2	737.5 19.3 5.1 5.7 6 899.6 23.5 14.9 2.1 12.8	753.1 19.4 15.6 5.1 10.5 929.5 23.9 29.9 2.2 27.7	801.3 20.4 48.2 3.0 45.2 957.1 24.3 27.6 13.9 13.7	763.2 19.1 -38.1 5.7 -43.8 968.0 24.3 10.9 2.2 8.7	794.6 19.7 31.4 3.6 27.8 995.0 24.6 27.0 2.7 24.3	804.5 19.6 9.9 5.7 4.2 1,016.2 24.8 21.2 3.7 17.5	795.0 19.3 -9.5 -8 -8.7 1,003.2 24.3 -13.0 9.1 -22.1	813.0 19.4 18.0 7.2 10.8 1,047.3 25.0 44.1 2.7 41.4	833.6 19.6 20.6 10.8 9.8 1,037.1 24.3 -10.2 2.5 -12.7	859.4 19.9 25.8 2.5 23.3 1,039.0 24.1 1.9 3.7 -1.8	867.9 19.9 8.5 6.6 1.9 1,060.1 24.2 21.1 9.0 12.1	908.3 20.5 40.4 7.8 32.6 1,066.8 24.1 6.7 4.2 2.5	911.4 20.3 3.1 6.3 -3.2 1,072.4 23.9 5.6 3.9 1.7	912.8 20.1 1.4 4.2 -2.8 1,108.7 24.4 36.3 2.9 33.4	916.4 20.0 3.6 2.2 1.4 1,109.4 24.2 7 17.0 -16.3	944 20 28 13 14 1,118 23 8 4
Receipts: Level		729.6 19.6 18.3 7.2 11.1 863.8 23.2 23.6 12.4 11.2 -134.3	732.4 19.4 2.8 3.9 -1.1 884.7 23.5 20.9 2.7 18.2	737.5 19.3 5.1 5.7 6 899.6 23.5 14.9 2.1 12.8 -162.1 -4.2	753.1 19.4 15.6 5.1 10.5 929.5 23.9 2.2 27.7 -176.4	801.3 20.4 48.2 3.0 45.2 957.1 24.3 27.6 13.9 13.7 -155.8 -4.0	763.2 19.1 -38.1 5.7 -43.8 968.0 24.3 10.9 2.2 2.8.7 -204.8	794.6 19.7 31.4 3.6 27.8 995.0 24.6 27.0 2.7 24.3 -200.4 -5.0	804.5 19.6 9.9 5.7 4.2 1,016.2 24.8 21.2 3.7 17.5	795.0 19.3 -9.5 -8 -8.7 1,003.2 24.3 -13.0 9.1 -22.1 -208.2 -5.0	813.0 19.4 18.0 7.2 10.8 1,047.3 25.0 44.1 2.7 41.4 -234.3 -5.6	833.6 19.6 20.6 10.8 9.8 1,037.1 24.3 -10.2 2.5 -12.7 -203.6 -4.8	859.4 19.9 25.8 2.5 23.3 1,039.0 24.1 1.9 3.7 -1.8 -179.6 -4.2	867.9 19.9 8.5 6.6 1.9 1,060.1 24.2 21.1 9.0 12.1 192.3 4.4	908.3 20.5 40.4 7.8 32.6 1,066.8 24.1 6.7 4.2 2.5 -158.5 -3.6	911.4 20.3 3.1 6.3 -3.2 1,072.4 23.9 5.6 3.9 1.7	912.8 20.1 1.4 4.2 -2.8 1,108.7 24.4 36.3 2.9 33.4	916.4 20.0 3.6 2.2 1.4 1,109.4 24.2 7 17.0 -16.3 -193.0 -4.2	944 20 28 13 14 1,118 23 8 4 4 4 1-173 -3
Receipts: Level		729.6 19.6 18.3 7.2 11.1 863.8 23.2 23.6 12.4 11.2 -134.3 -3.6 -5.5	732.4 19.4 2.8 3.9 -1.1 884.7 20.9 2.7 18.2 -152.3 -4.0 -18.0	737.5 19.3 5.1 5.7 6 899.6 23.5 14.9 2.1 12.8 -162.1 -4.2 -9.8 3.6	753.1 19.4 15.6 5.1 10.5 929.5 23.9 2.2 27.7 -176.4 -4.5 -14.3	801.3 20.4 48.2 3.0 45.2 957.1 24.3 27.6 13.9 13.7 -155.8 -4.0 20.6	763.2 19.1 -38.1 5.7 -43.8 968.0 24.3 10.9 2.2 8.7 -204.8 -5.1 -49.0 3.5	794.6 19.7 31.4 3.6 27.8 995.0 24.6 27.0 24.3 -200.4 -5.0 4.4	804.5 19.6 9.9 5.7 4.2 1,016.2 24.8 21.2 3.7 17.5 -211.7 -5.2 -11.3 2.0	795.0 19.3 -9.5 -8.7 1,003.2 24.3 -13.0 9.1 -22.1 -208.2 -5.0 3.5 -10.0	813.0 19.4 18.0 7.2 10.8 1,047.3 25.0 44.1 2.7 41.4 -284.3 -5.6 -26.1 4.6	833.6 19.6 20.6 10.8 9.8 1,037.1 24.3 -10.2 2.5 -12.7 -203.6 -4.8 30.7 8.4	859.4 19.9 25.8 2.5 23.3 1,039.0 24.1 1.9 3.7 -1.8 -179.6 -4.2 24.0 -1.2	867.9 19.9 8.5 6.6 1.9 1,060.1 24.2 21.1 9.0 12.1 -192.3 -4.4 -12.7 -2.4	908.3 20.5 40.4 7.8 32.6 1,066.8 24.1 6.7 4.2 2.5 -158.5 -3.6 33.8 3.6	911.4 20.3 3.1 6.3 -3.2 1,072.4 23.9 5.6 3.9 1.7 -161.0 -3.6 -2.5	912.8 20.1 1.4 4.2 -2.8 1,108.7 24.4 36.3 2.9 33.4 -195.9 -4.3 -34.9 1.3	916.4 20.0 3.6 2.2 1.4 1,109.4 24.2 7 17.0 -16.3 -193.0 -4.2 2.9 -14.8	944 20 28 13 14 1,118 23 8 4 4 4 1-173 -3 19
Receipts: Level Percentage of trend GNP Change from preceding period Due to automatic inflation effects Due to discretionary policy and other factors. Expenditures: Level Percentage of trend GNP. Change from preceding period Due to automatic inflation effects Due to discretionary policy and other factors Surplus or deficit (-): Level Percentage of trend GNP. Change from preceding period Due to automatic inflation effects Due to discretionary policy and other factors		729.6 19.6 18.3 7.2 11.1 863.8 23.2 23.6 12.4 11.2 -134.3 -3.6 -5.5	732.4 19.4 2.8 3.9 -1.1 884.7 20.9 2.7 18.2 -152.3 -4.0 -18.0	737.5 19.3 5.1 5.7 6 899.6 23.5 14.9 2.1 12.8 -162.1 -4.2 -9.8 3.6	753.1 19.4 15.6 5.1 10.5 929.5 23.9 2.2 27.7 -176.4 -4.5 -14.3 2.9	801.3 20.4 48.2 3.0 45.2 957.1 24.3 27.6 13.9 13.7 -155.8 -4.0 20.6	763.2 19.1 -38.1 5.7 -43.8 968.0 24.3 10.9 2.2 8.7 -204.8 -5.1 -49.0 3.5	794.6 19.7 31.4 3.6 27.8 995.0 24.6 27.0 24.3 -200.4 -5.0 4.4	804.5 19.6 9.9 5.7 4.2 1,016.2 24.8 21.2 3.7 17.5 -211.7 -5.2 -11.3 2.0	795.0 19.3 -9.5 -8.7 1,003.2 24.3 -13.0 9.1 -22.1 -208.2 -5.0 3.5 -10.0	813.0 19.4 18.0 7.2 10.8 1,047.3 25.0 44.1 2.7 41.4 -234.3 -5.6 -26.1	833.6 19.6 20.6 10.8 9.8 1,037.1 24.3 -10.2 2.5 -12.7 -203.6 -4.8 30.7	859.4 19.9 25.8 2.5 23.3 1,039.0 24.1 1.9 3.7 -1.8 -179.6 -4.2 24.0 -1.2	867.9 19.9 8.5 6.6 1.9 1,060.1 24.2 21.1 9.0 12.1 -192.3 -4.4 -12.7 -2.4	908.3 20.5 40.4 7.8 32.6 1,066.8 24.1 6.7 4.2 2.5 -158.5 -3.6 33.8 3.6	911.4 20.3 3.1 6.3 -3.2 1,072.4 23.9 5.6 3.9 1.7 -161.0 -3.6 -2.5	912.8 20.1 1.4 4.2 -2.8 1,108.7 24.4 36.3 2.9 33.4 -195.9 -4.3 -34.9 1.3	916.4 20.0 3.6 2.2 1.4 1,109.4 24.2 7 17.0 -16.3 -193.0 -4.2 2.9 -14.8	944 200 288 13 14 1,1188 23 8 4 4 4 1-173 -3 19
Receipts: Level		729.6 19.6 18.3 7.2 11.1 863.8 23.2 23.6 12.4 11.2 -134.3 -5.5 -5.2 -3.8	732.4 19.4 2.8 3.9 -1.1 884.7 20.9 2.7 18.2 -152.3 -40 0 1.3 -19.3	737.5 19.3 5.1 5.7 6 899.6 23.5 14.9 2.1 12.8 -162.1 -4.2 -9.8 3.6 -13.4	753.1 19.4 15.6 5.1 10.5 929.5 23.9 2.2 27.7 -176.4 -4.5 -14.3 2.9 -17.2	801.3 20.4 48.2 3.0 45.2 957.1 24.3 27.6 13.7 -155.8 -4.0 20.6 -10.9 31.5	763.2 19.1 -38.1 5.7 -43.8 968.0 24.3 10.9 2.2 8.7 -204.8 -51. -49.0 3.5 -52.5	794.6 19.7 31.4 3.6 27.8 995.0 24.6 27.0 2.7 24.3 -200.4 1.0 3.4	804.5 19.6 9.9 5.7 4.2 1,016.2 24.8 21.2 21.7 17.5 211.7 5.2 11.3 2.0 13.3	795.0 19.3 -9.5 8.8 -8.7 1,003.2 24.3 -13.0 91.1 -22.1 -20.8.2 -5.0 3.5 -10.0 13.5	813.0 19.4 18.0 7.2 10.8 1,047.3 25.0 44.1 2.7 41.4 -234.3 -5.6 -26.1 4.6 -30.7	833.6 19.6 20.6 10.8 9.8 1,037.1 24.3 -10.2 2.5 -12.7 -203.6 -4.8 30.7 8.4 22.3	859.4 19.9 25.8 2.5 23.3 1,039.0 24.1 1.9 3.7 -1.8 -179.6 -4.2 24.0 -1.2 25.2	867.9 19.9 8.5 6.6 1.9 1,060.1 24.2 21.1 9.0 12.1 -192.3 -4.4 -12.7 -2.4 -10.3	908.3 20.5 40.4 7.8 32.6 1,066.8 24.1 6.7 4.2 2.5 -158.5 -3.6 33.8 3.6 30.2	911.4 20.3 3.1 6.3 -3.2 1,072.4 23.9 5.6 3.9 1.7 -161.0 -2.5 2.4 -4.9	912.8 20.1 1.4 4.2 -2.8 1,108.7 24.4 36.3 2.9 33.4 -195.9 -4.3 -34.9 1.3 -36.2	916.4 20.0 3.6 2.2 1.4 1,109.4 24.2 7 17.0 -16.3 -193.0 -4.2 2.9 1-14.8 17.7	944 20 28 13 14 1,118 23 8 4 4 4 1-173 -3 19 9
Receipts: Level		729.6 19.6 18.3 7.2 11.1 863.8 23.2 23.6 12.4 11.2 -134.3 -5.5 -5.2 -3.8	732.4 19.4 2.8 3.9 -1.1 884.7 20.9 2.7 18.2 -152.3 -40 0 1.3 -19.3	737.5 19.3 5.1 5.7 6 899.6 23.5 14.9 2.1 12.8 -162.1 -4.2 -9.8 3.6 -13.4	753.1 19.4 15.6 5.1 10.5 929.5 23.9 2.2 27.7 -176.4 -4.5 -14.3 2.9 -17.2	801.3 20.4 48.2 3.0 45.2 957.1 24.3 27.6 13.7 -155.8 -4.0 20.6 -10.9 31.5	763.2 19.1 -38.1 5.7 -43.8 968.0 24.3 10.9 2.2 8.7 -204.8 -51. -49.0 3.5 -52.5	794.6 19.7 31.4 3.6 27.8 995.0 24.6 27.0 2.7 24.3 -200.4 1.0 3.4	804.5 19.6 9.9 5.7 4.2 1,016.2 24.8 21.2 21.7 17.5 211.7 5.2 11.3 2.0 13.3	795.0 19.3 -9.5 8.8 -8.7 1,003.2 24.3 -13.0 91.1 -22.1 -20.8.2 -5.0 3.5 -10.0 13.5	813.0 19.4 18.0 7.2 10.8 1,047.3 25.0 44.1 2.7 41.4 -234.3 -5.6 -26.1 4.6 -30.7	833.6 19.6 20.6 10.8 9.8 1,037.1 24.3 -10.2 2.5 -12.7 -203.6 -4.8 30.7 8.4 22.3	859.4 19.9 25.8 2.5 23.3 1,039.0 24.1 1.9 3.7 -1.8 -179.6 -4.2 24.0 -1.2 25.2	867.9 19.9 8.5 6.6 1.9 1,060.1 24.2 21.1 9.0 12.1 -192.3 -4.4 -12.7 -2.4 -10.3	908.3 20.5 40.4 7.8 32.6 1,066.8 24.1 6.7 4.2 2.5 -158.5 -3.6 33.8 3.6 30.2	911.4 20.3 3.1 6.3 -3.2 1,072.4 23.9 5.6 3.9 1.7 -161.0 -2.5 2.4 -4.9	912.8 20.1 1.4 4.2 -2.8 1,108.7 24.4 36.3 2.9 33.4 -195.9 -4.3 -34.9 1.3 -36.2	916.4 20.0 3.6 2.2 1.4 1,109.4 24.2 7 17.0 -16.3 -193.0 -4.2 2.9 1-14.8 17.7	944 20 28 13 14 1,118 23 8 4 4 4 1 - 173 - 9 10
Receipts: Level Percentage of trend GNP Change from preceding period Due to discretionary policy and other factors Expenditures: Level Percentage of trend GNP Change from preceding period Due to automatic inflation effects Due to discretionary policy and other factors Surplus or deficit (-): Level Percentage of trend GNP Change from preceding period Due to discretionary policy and other factors Due to discretionary policy and other factors Level Percentage of trend GNP Change from preceding period Due to automatic inflation effects Due to discretionary policy and other factors Debt: At par value, end of period: Level Percentage of trend GNP At market value, end of period: Level		729.6 19.6 18.3 7.2 11.1 863.8 23.2 23.6 12.4 11.2 -134.3 -3.6 -5.5 -5.2 -3 1,128.2 30.3	732.4 19.4 2.8 3.9 -1.1 884.7 23.5 20.9 2.7 7.2 18.2 -152.3 -4.0 -18.0 1.3 -19.3	737.5 19.3 5.1 5.7 6 899.6 23.5 14.9 2.1 12.8 -162.1 -4.2 -9.8 3.6 -13.4 1,219.9 31.9	753.1 19.4 15.6 5.1 10.5 929.5 29.9 2.2 27.7 -174.5 -14.3 2.9 -17.2 1,264.8	801.3 20.4 48.2 3.0 45.2 957.1 24.3 27.6 13.9 13.7 -155.8 -4.0 20.6 -10.9 31.5 1,311.8 33.4	763.2 19.1 -38.1 5.7 -43.8 968.0 24.3 10.9 2.2 8.7 -204.8 -51. -49.0 3.5 -52.5	794.6 19.7 31.4 3.6 27.8 995.0 24.6 27.0 2.7 24.3 -200.4 -5.0 4.4 1.0 3.4	804.5 19.6 9.9 5.7 4.2 1,016.2 24.8 21.2 3.7 17.5 -211.3 2.0 -13.3 1,481.3 36.1	795.0 19.3 -9.5 -8. -8.7 1,003.2 24.3 -13.0 9.1 -22.1 -208.2 -5.0 3.5 -10.0 13.5 -1,532.5 37.1	813.0 19.4 18.0 7.2 10.8 25.0 44.1 2.7 41.4 4.6 -26.1 4.6 -30.7 1,592.4 38.0	833.6 19.6 20.6 10.8 9.8 1,037.1 24.3 -10.2 2.5 -12.7 -203.6 -4.8 30.7 8.4 22.3	859.4 19.9 25.8 2.5 23.3 1,039.0 24.1 1.9 3.7 -1.8 -179.6 -4.2 24.0 -1.2 25.2	867.9 19.9 8.5 6.6 1.9 1,060.1 24.2 21.1 9.0 12.1 -192.3 -4.4 -12.7 -2.4 -10.3	908.3 20.5 40.4 7.8 32.6 1,066.8 24.1 6.7 4.2 2.5 -158.5 -3.6 33.8 3.6 30.2	911.4 20.3 3.1 6.3 -3.2 1,072.4 23.9 5.6 3.9 1.7 -161.0 -2.5 2.4 -4.9	912.8 20.1 1.4 4.2 -2.8 1,108.7 24.4 36.3 2.9 33.4 -195.9 -4.3 -34.9 1.3 -36.2	916.4 20.0 3.6 2.2 1.4 1,109.4 24.2 .7 17.0 -16.3 -193.0 -4.2 2.9 9 -14.8 17.7	9444 20 28 13 14 1,118 23 8 4 4 4 -173 -9 10 1,951 41
Receipts: Level		729.6 19.6 18.3 7.2 11.1 863.8 23.2 23.6 12.4 11.2 -134.3 -3.6 -5.5 -5.2 -3 1,128.2 30.3	732.4 19.4 2.8 3.9 -1.1 884.7 20.9 2.7 18.2 -152.3 -40 0 1.3 -19.3	737.5 19.3 5.1 5.7 6 899.6 23.5 14.9 2.1 12.8 -162.1 -4.2 -9.8 3.6 -13.4	753.1 19.4 15.6 5.1 10.5 929.5 23.9 2.2 27.7 -176.4 -4.5 -14.3 2.9 -17.2	801.3 20.4 48.2 3.0 45.2 957.1 24.3 27.6 13.7 -155.8 -4.0 20.6 -10.9 31.5	763.2 19.1 -38.1 5.7 -43.8 968.0 24.3 10.9 2.2 8.7 -204.8 -51. -49.0 3.5 -52.5	794.6 19.7 31.4 3.6 27.8 995.0 24.6 27.0 2.7 24.3 -200.4 1.0 3.4	804.5 19.6 9.9 5.7 4.2 1,016.2 24.8 21.2 21.7 17.5 211.7 5.2 11.3 2.0 13.3	795.0 19.3 -9.5 8.8 -8.7 1,003.2 24.3 -13.0 91.1 -22.1 -20.8.2 -5.0 3.5 -10.0 13.5	813.0 19.4 18.0 7.2 10.8 1,047.3 25.0 44.1 2.7 41.4 -234.3 -5.6 -26.1 4.6 -30.7	833.6 19.6 20.6 10.8 9.8 1,037.1 24.3 -10.2 2.5 -12.7 -203.6 -4.8 30.7 8.4 22.3	859.4 19.9 25.8 2.5 23.3 1,039.0 24.1 1.9 3.7 -1.8 -179.6 -4.2 24.0 -1.2 25.2	867.9 19.9 8.5 6.6 1.9 1,060.1 24.2 21.1 9.0 12.1 -192.3 -4.4 -12.7 -2.4 -10.3	908.3 20.5 40.4 7.8 32.6 1,066.8 24.1 6.7 4.2 2.5 -158.5 -3.6 33.8 3.6 30.2	911.4 20.3 3.1 6.3 -3.2 1,072.4 23.9 5.6 3.9 1.7 -161.0 -2.5 2.4 -4.9	912.8 20.1 1.4 4.2 -2.8 1,108.7 24.4 36.3 2.9 33.4 -195.9 -4.3 -34.9 1.3 -36.2	916.4 20.0 3.6 2.2 1.4 1,109.4 24.2 7 17.0 -16.3 -193.0 -4.2 2.9 1-14.8 17.7	9444 200 288 133 144 1,1188 23 8 4 4 4 4 1,118 9 10 10 1,951 41
Receipts: Level Percentage of trend GNP Change from preceding period Due to automatic inflation effects Due to discretionary policy and other factors Expenditures: Level Percentage of trend GNP Change from preceding period Due to automatic inflation effects Due to discretionary policy and other factors. Surplus or deficit (-): Level Percentage of trend GNP Change from preceding period Due to automatic inflation effects Due to discretionary policy and other factors. Surplus or deficit (-): Level Percentage of trend GNP Change from preceding period Due to automatic inflation effects Due to discretionary policy and other factors. Debt: At par value, end of period: Level Percentage of trend GNP At market value, end of period: Level Percentage of trend GNP Based on 6-percent unemployment rate trend GNP:		729.6 19.6 18.3 7.2 11.1 863.8 23.2 23.6 12.4 11.2 -134.3 -3.6 -5.5 -5.2 -3 1,128.2 30.3	732.4 19.4 2.8 3.9 -1.1 884.7 23.5 20.9 2.7 7.2 18.2 -152.3 -4.0 -18.0 1.3 -19.3	737.5 19.3 5.1 5.7 6 899.6 23.5 14.9 2.1 12.8 -162.1 -4.2 -9.8 3.6 -13.4 1,219.9 31.9	753.1 19.4 15.6 5.1 10.5 929.5 29.9 2.2 27.7 -174.5 -14.3 2.9 -17.2 1,264.8	801.3 20.4 48.2 3.0 45.2 957.1 24.3 27.6 13.9 13.7 -155.8 -4.0 20.6 -10.9 31.5 1,311.8 33.4	763.2 19.1 -38.1 5.7 -43.8 968.0 24.3 10.9 2.2 8.7 -204.8 -51. -49.0 3.5 -52.5	794.6 19.7 31.4 3.6 27.8 995.0 24.6 27.0 2.7 24.3 -200.4 -5.0 4.4 1.0 3.4	804.5 19.6 9.9 5.7 4.2 1,016.2 24.8 21.2 3.7 17.5 -211.3 2.0 -13.3 1,481.3 36.1	795.0 19.3 -9.5 -8. -8.7 1,003.2 24.3 -13.0 9.1 -22.1 -208.2 -5.0 3.5 -10.0 13.5 -1,532.5 37.1	813.0 19.4 18.0 7.2 10.8 25.0 44.1 2.7 41.4 4.6 -26.1 4.6 -30.7 1,592.4 38.0	833.6 19.6 20.6 10.8 9.8 1,037.1 24.3 -10.2 2.5 -12.7 -203.6 -4.8 30.7 8.4 22.3	859.4 19.9 25.8 2.5 23.3 1,039.0 24.1 1.9 3.7 -1.8 -179.6 -4.2 24.0 -1.2 25.2	867.9 19.9 8.5 6.6 1.9 1,060.1 24.2 21.1 9.0 12.1 -192.3 -4.4 -12.7 -2.4 -10.3	908.3 20.5 40.4 7.8 32.6 1,066.8 24.1 6.7 4.2 2.5 -158.5 -3.6 33.8 3.6 30.2	911.4 20.3 3.1 6.3 -3.2 1,072.4 23.9 5.6 3.9 1.7 -161.0 -2.5 2.4 -4.9	912.8 20.1 1.4 4.2 -2.8 1,108.7 24.4 36.3 2.9 33.4 -195.9 -4.3 -34.9 1.3 -36.2	916.4 20.0 3.6 2.2 1.4 1,109.4 24.2 .7 17.0 -16.3 -193.0 -4.2 2.9 9 -14.8 17.7	9444 200 288 133 144 1,1188 23 8 4 4 4 4 1,118 9 10 10 1,951 41
Receipts: Level Percentage of trend GNP Change from preceding period Due to discretionary policy and other factors Expenditures: Level Percentage of trend GNP Change from preceding period Due to automatic inflation effects Due to discretionary policy and other factors Surplus or deficit (-): Level Percentage of trend GNP Change from preceding period Due to automatic inflation effects Due to discretionary policy and other factors Surplus or deficit (-): Level Percentage of trend GNP Change from preceding period Due to automatic inflation effects Due to discretionary policy and other factors Debt: At par value, end of period: Level Percentage of trend GNP At market value, end of period: Level Percentage of trend GNP Based on 6-percent unemployment rate trend GNP: Receipts:		729.6 19.6 18.3 7.2 11.1 863.8 23.2 23.6 12.4 11.2 -134.3 -3.6 -5.5 -5.2 -3 1,128.2 30.3	732.4 19.4 2.8 3.9 -1.1 884.7 23.5 20.9 2.7 18.2 -152.3 -4.0 -18.0 3.1 1,170.3 31.0	737.5 19.3 5.1 5.7 6 899.6 23.5 14.9 2.1 12.8 -162.1 -4.2 -9.8 6. -13.4 1,219.9 31.9	753.1 19.4 15.6 5.1 10.5 929.5 29.9 2.2 27.7 -174.5 -14.3 2.9 -17.2 1,264.8	801.3 20.4 48.2 3.0 45.2 957.1 24.3 27.6 13.9 13.7 -155.8 -4.0 20.6 -10.9 31.5 1,311.8 33.4	763.2 19.1 -38.1 5.7 -43.8 968.0 24.3 10.9 2.2 8.7 -204.8 -5.1 -49.0 3.5 -5.5 -5.5 -5.5 -5.5 -5.5 -5.5 -5.5	794.6 19.7 31.4 3.6 27.8 995.0 24.6 27.0 2.7 24.3 -200.4 -5.0 4.4 1.0 3.4	804.5 19.6 9.9 5.7 4.2 1,016.2 24.8 21.2 3.7 17.5 -211.7 -5.2 -11.3 2.0 -13.3 36.1	795.0 19.3 -9.5 -88.7 1,003.2 24.3 -13.0 9.1 -22.1 -208.2 -10.0 13.5 1,532.5 37.1	813.0 19.4 18.0 7.2 10.8 25.0 44.1 2.7 41.4 4.6 -26.1 4.6 -30.7 1,592.4 38.0	833.6 19.6 20.6 10.8 9.8 1,037.1 24.3 -10.2 2.5 -12.7 -203.6 -4.8 30.7 8.4 22.3	859.4 19.9 25.8 2.5 23.3 1,039.0 24.1 1.9 3.7 -1.8 -179.6 -4.2 24.0 -1.2 25.2 1,692.7 39.3	867.9 19.9 8.5. 6.6. 1.9 1,060.1 24.2 21.1 9.0 12.1 -122.3 -4.4 -12.7 -2.4 -10.3	908.3 20.5 40.4 7.8 32.6 1,066.8 24.1 6.7 4.2 2.3 3.8 3.6 30.2 1,781.7 40.2	911.4 20.3 3.1 6.3 -3.2 1,072.4 23.9 5.6 3.9 1.7 -161.0 -3.6 -2.5 -4.9 1,814.4 40.4	912.8 20.1 1.4 4.2 -2.8 1,108.7 24.4 36.3 2.9 33.4 -195.9 -4.3 -34.9 1.3 -34.9 40.7	916.4 20.0 36.6 2.2 1.4 1,109.4 24.2 7,17.0 1-16.3 -193.0 -2.9 -14.8 17.7 1,912.9 41.7	944 200 201 201 314 1,118 28 44 4 4 2-173 19 10 1,951 41
Receipts: Level		729.6 19.6 18.3.2 7.2.2 11.1 863.8 23.2.2 212.4 11.2 -134.3 -5.5.5 -3 3 1,128.2 30.3	732.4 19.4 2.8 9.—1.1 884.7 23.5 20.9 2.7 18.2 —152.3 —4.0 1.3 —19.3 31.0	737.5 19.3 5.1 5.7 6 899.6 23.5 14.9 2.1 12.8 -162.1 -4.2 -9.8 6. -13.4 1,219.9 31.9	753.1 19.4 15.6 5.1 10.5 23.9 29.9 2.2 27.7 -14.3 2.9 -17.2 1,264.8 32.6	801.3 20.4 48.2 3.0 45.2 957.1 24.3 13.9 13.7 -155.8 -4.0 20.6 -10.9 31.5 1,311.8	763.2 19.1 -38.1 5.7 -43.8 968.0 24.3 10.9 2.2 2.7 -49.0 3.5 -52.5 1,366.8 34.3	794.6 19.7 31.4 3.6 27.8 995.0 24.6 27.0 2.7 2.7 2.7 2.7 2.3 4.4 1.0 3.4 1.412.4 35.0 812.1	804.5 19.6 9.9 5.7 4.2 1,016.2 24.8 21.2 3.7 17.5 -211.3 2.0 -13.3 1,481.3 36.1	795.0 19.3 -9.5 -88.7 1,003.2 24.3 -13.0 9.1 -22.1 -208.2 -10.0 13.5 1,532.5 37.1	813.0 19.4 18.0 7.2 10.8 1,047.3 25.0 44.1 2.7 41.4 -234.3 -26.1 -26.1 -30.7 1,592.4 38.0	833.6 19.6 20.6 10.8 9.8 1,037.1 24.3 -10.2 2.5 -12.7 -203.6 -4.8 30.7 8.4 22.3 1,652.9 38.8	859.4 19.9 25.8 2.5 2.3 3.7 1.039.0 24.1 1.9 3.7 -1.8 -179.6 -4.2 2.2 2.4 1.692.7 39.3 39.3 876.9	867.9 19.9 8.5.6.6 1.9 1,060.1 24.2.21.1 9.0 12.1 -192.3 -4.4 -10.3 1,737.5 39.7	908.3 20.5 40.4 7.8 32.6 1,066.8 24.1 6.7 4.2 2.3 3.8 3.6 30.2 1,781.7 40.2	911.4 20.3 3.1 6.3 -3.2 1,072.4 23.9 5.6 3.9 1.7 -161.0 -3.6 -2.5 -4.9 1,814.4 40.4	912.8 20.1 1.4 4.2 -2.8 1.108.7 2.9 33.4 -195.9 -43. -34.9 1.8 -96.2 1,851.0	916.4 20.0 36.6 2.2 1.4 1,109.4 24.2 7, 17.0 -16.3 -193.0 -4.2 2.9 -14.8 17.7 1,912.9 41.7	944 200 288 13 14 1,118 23 8 4 4 4 1,118 19 19 10 1,951 41
Receipts: Level		729.6 19.6 18.3, 7.2 11.1 863.8 22.2 23.2 22.2 12.4 11.2 -5.5 -5.2 -3.3 1,128.2 30.3 748.6 19.7 859.8	732.4 19.4 2.8 3.9 -1.1 884.7 23.5 20.9 2.7 18.2 -152.3 -4.0 -18.0 3.1 1,170.3 31.0 751.2 19.5 881.0	737.5.19.3.5.1.15.76.6.23.5.6.2.1.12.8.899.6.23.5.3.6.14.9.2.1.1.2.8.3.6.6.13.4.1,219.9.31.9	753.1 19.4 15.6 5.1 10.5 929.5 23.9 22.2 27.7 -176.4 -4.5 -14.3 2.9 -17.2 1,264.8 32.6	801.3 20.4 48.2 3.0 45.2 957.1 24.3 27.6 13.9 13.7 -155.8 -4.0 20.6 31.5 1,311.8 33.4 820.3 20.5 953.8	763.2 19.1 -38.1 5.7 -43.8 968.0 24.3 10.9 2.2 8.7 -204.8 3.5 -52.5 1,366.8 34.3 780.3 19.2 965.5	794.6 19.7 31.4 3.6 27.8 995.0 24.6 27.0 2.7 24.3 3.6 20.4 4.1 0.3 4.1 1.412.4 35.0 812.1 19.7 992.3	804.5. 19.6. 9.9. 5.7. 4.2 1,016.2. 24.8. 21.2. 3.7. 5.211.3. 2.013.3 1,481.3 36.1	795.0 19.3 -9.5 -8 -8.7 1,003.2 24.3 9.1 -22.1 -22.1 -208.2 -10.0 13.5 37.1 1,532.5 37.1 19.3 1,001.1	813.0 19.4 18.0 7.2 10.8 25.0 44.1 2.7 41.4 2.3 41.4 2.3 41.4 2.3 38.0 38.0 829.7 19.5 1,045.3	833.6 19.6 20.6 10.8 9.8 1,037.1 24.3 -10.2 2.5 -12.7 -203.6 30.7 8.4 4.22.3 38.8 850.7 19.6 1,035.5 1,652.9 19.6 19.6 19.6 19.6 19.6 19.6 19.6 19	859.4 19.9 25.8 2.5 23.3 1,039.0 24.1 1,7 -1.8 24.0 24.0 24.0 25.2 25.2 1,692.7 39.3 876.9 20.0 1,087.4	867.9 19.9 8.5 6.6 1.9 1,060.1 24.2 24.2 21.1 9.0 12.1 -192.3 -10.3 1,737.5 39.7 1,938.6 884.7 19.9	908.3 20.5 40.4 78.7 8.2 1,066.8 24.1 6.7 4.2 2.5 -158.5 33.8 30.2 1,781.7 40.2	911.4 20.3 3.1 6.3 -3.2 1,072.4 23.9 5.6 3.9 1.7 -161.0 -2.5 2.4 -4.9 1,814.4 40.4	912.8 20.1 1.4 4.2 -2.8 1,108.7 24.4 -36.3 2.9 33.4 -34.9 -195.9 -1.3 -34.9 40.7 1,851.0 931.2 20.1 1,107.2	916.4 20.0 3.6 22.2 7. 17.0 -16.3 -193.0 -14.8 17.7 1,912.9 41.7	9444 200 288 131 141 1,1118 288 44 44 -173 -181 191 1,951 47
Receipts; Level		729.6 19.6 18.3 7.2 11.1 863.8 22.2 23.2 23.2 23.2 23.2 23.2 23.2 2	732.4 19.4 2.8 3.9 -1.1 884.7 23.5 20.9 2.7 18.2 -152.3 -4.0 -18.0 3.1 1,170.3 31.0 751.2 19.5 881.0 22.9	737.5 19.3 51.1 5.7, -6.6 899.6 23.5, 21.1 12.8 -162.1 -4.2 -9.8 3.6 -13.4 1,219.9 31.9 756.0 19.3 896.1 22.9	753.1 19.4 15.6 5.1 10.5 929.5 23.9 22.2 27.7 27.7 27.7 17.2 1,264.8 32.6 771.3 19.5 926.0 23.4	801.3 20.4 48.2 957.1 24.3 27.6 13.9 20.6 13.9 31.5 1,311.8 820.3 20.5 953.8 23.8	763.2 19.1 -38.1 5.7 -43.8 968.0 24.3 10.9 2.2 -5.1 -49.0 3.3 34.3 780.3 19.2 965.5 23.8	794.6 19.7 31.4 3.6 27.8 995.0 24.6 27.0 2.7 24.3 -200.4 1.0 3.4 1.412.4 35.0 812.1 19.7 992.3 24.1	804.5. 19.6. 9.9. 5.7. 4.2. 1,016.2. 24.8. 21.2. 3.7. 17.5211.75.211.3. 36.1	795.0 19.3 -9.5 -8 8 -8.7 1,003.2 24.3 9.1 -22.1 -22.1 -22.1 -208.2 -10.0 13.5 37.1 -11.3 811.7 19.3 1,001.1 12.3 811.7	813.0 19.4 18.0 7.2 10.8 25.0 44.1 2.7 41.4 -234.3 -26.6 -30.7 1,592.4 38.0 829.7 19.5	833.6 19.6 20.6 10.8 9.8 1,037.1 24.3 -10.2 2.5 -12.7 -203.6 -4.8 30.7 8.4 22.3 1,652.9 38.8 850.7 19.6 1,035.5 23.9	859.4 19.9 25.8 2.5 2.3 3 1,039.0 24.1 -1.7 -1.8 -4.2 24.0 -4.2 24.0 -4.2 25.2 1,692.7 39.3 876.9 20.0 1,037.4 23.7	867.9 19.9 8.5.6.6 1.9 1,060.1 24.2 24.2 21.1 9.0 12.1 -122.3 -4.4 -12.7 -2.4 -10.3 1,737.5 39.7 1,958.6 884.7 19.9 1,058.6 23.8	908.3 20.5 40.4 32.6 1,066.8 24.1 6.7 4.2 25.5 -158.5 -3.6 33.8 30.2 1,781.7 40.2 926.2 20.5 1,065.3 23.6	911.4 20.3 3.1 6.3 -3.2 1,072.4 23.9 1.7 -161.0 -2.5 -2.5 -4.9 1,814.4 40.4 929.5 20.3 1,070.9	912.8 20.1 1.4 4.2 -2.8 1,108.7 24.4 -195.9 -34.9 -34.9 1.8 -36.2 1,851.0 931.2 20.1 1,107.2 23.9	916.4 20.0 36.6 22.2 1.4 1,109.4 24.2 2.9 1-16.3 -193.0 -4.2 2.9 1,17.7 1,912.9 41.7 934.5 20.0 1,108.0 23.7	9444 2028 133 144 1,1118 288 444 449 – 173 - 8 19 19 10 1,95 10 10 10 10 10 10 10 10 10 10 10 10 10
Receipts; Level. Percentage of trend GNP Change from preceding period Due to discretionary policy and other factors Expenditures: Level. Percentage of trend GNP Change from preceding period Due to automatic inflation effects. Due to dustomatic inflation effects. Due to discretionary policy and other factors Surplus or deficit (-): Level. Percentage of trend GNP Change from preceding period Due to automatic inflation effects. Due to discretionary policy and other factors Evel. Percentage of trend GNP Change from preceding period. Due to discretionary policy and other factors Debt: At par value, end of period: Level. Percentage of trend GNP At market value, end of period: Level. Percentage of trend GNP Based on 6-percent unemployment rate trend GNP: Receipts: Level. Percentage of trend GNP Expenditures: Level. Percentage of trend GNP Expenditures: Level. Percentage of trend GNP Percentage of trend GNP Expenditures: Level. Percentage of trend GNP Percentage of trend GNP Expenditures: Level.		729.6 19.6 18.3 7.2 11.1 863.8 23.2 23.6 12.4 11.2 -134.3 -3.6 -5.2 -3 30.3 748.6 19.7 859.8 22.6 -111.1	732.4 19.4 2.8, 9.1.1 884.7.2 23.5 20.9.2.7 18.2 -152.3 -4.0 1.3 -19.3 31.0 751.2 19.5 881.0 22.9 -129.8	737.5. 19.3. 5.1. 5.76. 889.6. 23.5. 14.9. 21.1. 12.8. 3.613.4. 1,219.9. 31.9. 756.0. 19.3. 896.1. 22.9140.1	753.1 19.4 15.6 5.1 10.5 23.9 22.2 27.7 -176.4 -4.5 2.9 -17.2 1,264.8 32.6 771.3 19.5 926.0 23.4 -154.7	801.3 20.4 48.2.2 957.1 24.3 27.6 13.9 13.7 -155.8 -4.0 20.6 -10.9 31.5 1,311.8 33.4 820.3 20.5 953.8 23.8	763.2 19.1 -38.1 5.7 -43.8 968.0 24.3 10.9 2.2 -51.3 -52.5 1,366.8 34.3 780.3 19.2 2.8 780.3 19.2 2.8 780.3 19.3 19.3 19.3 19.3 19.3 19.3 19.3 19	794.6 19.7 31.4 3.6 27.8 995.0 2.7 2.4 3.6 27.0 2.7 4.4 1.0 3.4 1.412.4 35.0 812.1 19.7 992.3 24.1	804.5 19.6 9.9 5.7 4.2 1,016.2 24.8 21.2 3.7 7.5 - 211.7 - 5.2 - 13.3 2.0 - 13.3 36.1 821.5 19.7 1,013.8 24.3 - 192.3 - 192.3 - 192.3 1,481.3 36.1 1,481.3	795.0 19.3 -9.5 -8.7 1,003.2 -24.3 -13.0 9.11 -22.1 -208.2 -5.0 37.1 1,532.5 37.1 1,19.3 1,001.1 23.8 -189.4 -189.4	813.0 19.4 18.0 7.2 10.8 1,047.3 25.0 44.1 2.7 44.6 -230.7 1,592.4 38.0 829.7 19.5 1,045.3 24.5 -215.6 -215.6	833.6.19.6.20.6.20.6.20.6.20.6.20.6.20.6.20.6.2	859.4 19.9 25.8 2.5 2.3 3.1 1.039.0 24.1 1.9 3.7 7 -4.2 25.2 1,692.7 39.3 876.9 20.0 1,037.4 23.7	867.9 19.9 8.5.6.6 1.9 1.060.1 24.1 21.1 9.0 12.1 -192.3 -4.4 -10.3 1,737.5 39.7 1,058.6 23.8 -173.9	908.3 20.5 40.4 7.8 32.6 1,066.8 24.1 16.7 4.2. 2.6 33.8 3.6 30.2 1,781.7 40.2 926.2 5.1 1,065.3 23.6 1,195.3	911.4 20.3 3.1 6.3 -3.2 1,072.4 23.9 5.6 6.3.9 7 -161.0 -2.5 2.4 -4.9 1,814.4 40.4 -2.5 2.0 3.0 1,070.9 23.4 -3.6 -3.6 -3.6 -3.6 -3.6 -3.6 -3.6 -3.6	912.8 20.1 1.4 4.2 -2.8 1.108.7 24.4 36.3 2.9 -3.3 -34.9 1.3 -36.2 1.851.0 40.7 931.2 20.1 1,107.2 23.9 -176.0	916.4 20.0 36.6 2.2 1.4 1.109.4 24.2 7.7 17.0 193.0 -4.2 2.9 9.1 41.7 1,912.9 41.7 934.5 20.0 1,108.0 23.7 1,108.0 23.7	9444 200 288 13 13 14 14 18 28 8 8 4 4 4 4 4 4 4 1 1 1 1 1 1 1 1 1 1
Receipts: Level Percentage of trend GNP Change from preceding period Due to automatic inflation effects Due to discretionary policy and other factors Expenditures: Level Percentage of trend GNP Change from preceding period Due to automatic inflation effects Due to discretionary policy and other factors Surplus or deficit (-): Level Percentage of trend GNP Change from preceding period Due to automatic inflation effects Due to discretionary policy and other factors Surplus or deficit (-): Level Percentage of trend GNP Change from preceding period Due to discretionary policy and other factors Due to discretionary policy and other factors Debt: At par value, end of period: Level Percentage of trend GNP At market value, end of period: Level Percentage of trend GNP Based on 6-percent unemployment rate trend GNP: Receipts: Level Percentage of trend GNP Expenditures: Level Percentage of trend GNP Surplus or deficit (-): Level Percentage of trend GNP Surplus or deficit (-): Level Percentage of trend GNP		729.6 19.6 18.3 7.2 11.1 863.8 22.2 23.2 23.2 23.2 23.2 23.2 23.2 2	732.4 19.4 2.8, 9.1.1 884.7.2 25.5 20.9 2.7.1 18.2 -10.3 1.170.3 31.0 751.2 19.5 881.0 22.9 -129.8	737.5. 19.3. 5.1. 5.76. 889.6. 23.5. 14.9. 21.1. 12.8. 3.613.4. 1,219.9. 31.9. 756.0. 19.3. 896.1. 22.9140.1	753.1 19.4 15.6 5.1 10.5 23.9 22.7 27.7 -176.4 -4.5 2.9 -17.2 1,264.8 32.6 771.3 19.5 926.0 23.4 -154.7	801.3 20.4 48.2.2 957.1 24.3 27.6 13.9 13.7 -155.8 -4.0 20.6 -10.9 31.5 1,311.8 33.4 820.3 20.5 953.8 23.8	763.2 19.1 -38.1 5.7 -43.8 968.0 24.3 10.9 2.2 -51.3 -52.5 1,366.8 34.3 780.3 19.2 2.8 780.3 19.2 2.8 780.3 19.3 19.3 19.3 19.3 19.3 19.3 19.3 19	794.6 19.7 31.4 3.6 27.8 995.0 2.7 2.4 3.6 27.0 2.7 4.4 1.0 3.4 1.412.4 35.0 812.1 19.7 992.3 24.1	804.5 19.6 9.9 5.7 4.2 1,016.2 24.8 21.2 2.3 7.7 5.2 013.3 2.0 1,481.3 36.1 821.5 19.7 1,013.8 24.3 -192.3 -192.3 1,481.3 36.1 1.4 1,4 1,4 1,4 1,4 1,4 1,4 1,4 1,4 1,4 1,	795.0 19.3 -9.5 -8.7 1,003.2 -24.3 -13.0 9.11 -22.1 -208.2 -5.0 37.1 1,532.5 37.1 1,19.3 1,001.1 23.8 -189.4 -189.4	813.0 19.4 18.0 7.2 10.8 1,047.3 25.0 44.1 2.7 44.6 -230.7 1,592.4 38.0 829.7 19.5 1,045.3 24.5 -215.6 -215.6	833.6.19.6.20.6.20.6.20.6.20.6.20.6.20.6.20.6.2	859.4 19.9 25.8 2.5 2.3 3.1 1.039.0 24.1 1.9 3.7 7 -4.2 25.2 1,692.7 39.3 876.9 20.0 1,037.4 23.7	867.9 19.9 8.5.6.6 1.9 1.060.1 24.1 21.1 9.0 12.1 -192.3 -4.4 -10.3 1,737.5 39.7 1,058.6 23.8 -173.9	908.3 20.5 40.4 7.8 32.6 1,066.8 24.1 16.7 4.2. 2.6 33.8 3.6 30.2 1,781.7 40.2 926.2 5.1 1,065.3 23.6 1,195.3	911.4 20.3 3.1 6.3 -3.2 1,072.4 23.9 5.6 6.3.9 7 -161.0 -2.5 2.4 -4.9 1,814.4 40.4 -2.5 2.0 3.0 1,070.9 23.4 -3.6 -3.6 -3.6 -3.6 -3.6 -3.6 -3.6 -3.6	912.8 20.1 1.4 4.2 -2.8 1.108.7 24.4 36.3 2.9 -3.3 -34.9 1.3 -36.2 1.851.0 40.7 931.2 20.1 1,107.2 23.9 -176.0	916.4 20.0 36.6 2.2 1.4 1.109.4 24.2 7.7 17.0 193.0 -4.2 2.9 9.1 41.7 1,912.9 41.7 934.5 20.0 1,108.0 23.7 1,108.0 23.7	9444 20 28 13 14 1,118 23 8 4 4 4 -173 19 9 10 1,951 41 -20 1,951 41 -20 1,951 41 -20 1,951 1,95
Receipts: Level Percentage of trend GNP Change from preceding period Due to automatic inflation effects Due to discretionary policy and other factors. Expenditures: Level Percentage of trend GNP Change from preceding period Due to automatic inflation effects Due to discretionary policy and other factors. Surplus or deficit (-): Level Percentage of trend GNP Change from preceding period. Due to automatic inflation effects. Due to discretionary policy and other factors. Debt: At par value, end of period: Level Percentage of trend GNP At market value, end of period: Level Percentage of trend GNP. Based on 6-percent unemployment rate trend GNP: Receipts: Level Percentage of trend GNP Expenditures: Level Percentage of trend GNP		729.6 19.6 18.3 7.2 11.1 863.8 23.2 23.6 12.4 11.2 -134.3 -3.6 -5.2 -3 30.3 748.6 19.7 859.8 22.6 -111.1	732.4 19.4 2.8, 9.1.1 884.7.2 23.5 20.9.2.7 18.2 -152.3 -4.0 1.3 -19.3 31.0 751.2 19.5 881.0 22.9 -129.8	737.5. 19.3. 5.1. 5.76. 889.6. 23.5. 14.9. 21.1. 12.8. 3.613.4. 1,219.9. 31.9. 756.0. 19.3. 896.1. 22.9140.1	753.1 19.4 15.6 5.1 10.5 23.9 22.2 27.7 -176.4 -4.5 2.9 -17.2 1,264.8 32.6 771.3 19.5 926.0 23.4 -154.7	801.3 20.4 48.2.2 957.1 24.3 27.6 13.9 13.7 -155.8 -4.0 20.6 -10.9 31.5 1,311.8 33.4 820.3 20.5 953.8 23.8	763.2 19.1 -38.1 5.7 -43.8 968.0 24.3 10.9 2.2 -51.3 -52.5 1,366.8 34.3 780.3 19.2 2.8 780.3 19.2 2.8 780.3 19.3 19.3 19.3 19.3 19.3 19.3 19.3 19	794.6 19.7 31.4 3.6 27.8 995.0 2.7 2.4 3.6 27.0 2.7 4.4 1.0 3.4 1.412.4 35.0 812.1 19.7 992.3 24.1	804.5 19.6 9.9 5.7 4.2 1,016.2 24.8 21.2 3.7 7.5 - 211.7 - 5.2 - 13.3 2.0 - 13.3 36.1 821.5 19.7 1,013.8 24.3 - 192.3 - 192.3 - 192.3 1,481.3 36.1 1,481.3	795.0 19.3 -9.5 -8.7 1,003.2 -24.3 -13.0 9.11 -22.1 -208.2 -5.0 37.1 1,532.5 37.1 1,19.3 1,001.1 23.8 -189.4 -189.4	813.0 19.4 18.0 7.2 10.8 1,047.3 25.0 44.1 2.7 44.6 -230.7 1,592.4 38.0 829.7 19.5 1,045.3 24.5 -215.6 -215.6	833.6.19.6.20.6.20.6.20.6.20.6.20.6.20.6.20.6.2	859.4 19.9 25.8 2.5 2.3 3.1 1.039.0 24.1 1.9 3.7 7 -4.2 25.2 1,692.7 39.3 876.9 20.0 1,037.4 23.7	867.9 19.9 8.5.6.6 1.9 1.060.1 24.1 21.1 9.0 12.1 -192.3 -4.4 -10.3 1,737.5 39.7 1,058.6 23.8 -173.9	908.3 20.5 40.4 7.8 32.6 1,066.8 24.1 16.7 4.2. 2.6 33.8 3.6 30.2 1,781.7 40.2 926.2 5.1 1,065.3 23.6 1,195.3	911.4 20.3 3.1 6.3 -3.2 1,072.4 23.9 5.6 6.3.9 7 -161.0 -2.5 2.4 -4.9 1,814.4 40.4 -2.5 2.0 3.0 1,070.9 23.4 -3.6 -3.6 -3.6 -3.6 -3.6 -3.6 -3.6 -3.6	912.8 20.1 1.4 4.2 -2.8 1.108.7 24.4 36.3 2.9 -3.3 -34.9 1.3 -36.2 1.851.0 40.7 931.2 20.1 1,107.2 23.9 -176.0	916.4 20.0 36.6 2.2 1.4 1.109.4 24.2 7.7 17.0 193.0 -4.2 2.9 9.1 41.7 1,912.9 41.7 934.5 20.0 1,108.0 23.7 1,108.0 23.7	9444 20 28 13 14 1,118 23 8 4 4 4 -173 19 9 10 1,951 41 -20 1,951 41 -20 1,951 41 -20 1,951 1,95
Receipts: Level		729.6 19.6 18.3 7.2 11.1 866.8 23.2 23.6 11.2 -134.3 -3.6 -5.5 -5.2 -3 30.3 748.6 19.7 859.8 -11.1 -2.9	732.4 19.4 2.8 3.9 -1.1 884.7 23.5 20.9 27.7 18.2 -152.3 -19.3 1,170.3 31.0 751.2 19.5 881.0 22.9 92.7 19.5 881.0 22.9 19.5 881.0 22.9 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19	737.5. 19.3. 5.1. 5.76. 889.6. 23.5. 14.9. 2.1. 12.8162.14.29.8. 3.613.4 1,219.9. 31.9 756.0. 19.3. 886.1. 22.9140.13.6	758.1 19.4 15.6 5.1 10.5 929.5 22.9 22.7 77.4 1.264.8 32.6 771.3 19.5 926.0 23.4 19.5 926.0 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5	801.3 20.4 48.2 957.1 24.3 27.6 13.9 31.5 -10.9 31.5 1,311.8 33.4 820.3 20.5 953.8 820.3 20.5	763.2 19.1 -38.1 5.7 -43.8 968.0 24.3 10.9 2.2 8.7 -52.5 1,366.8 34.3 19.2 965.5 23.8 -185.1 -44.6	794.6 19.7 31.4 3.6 27.8 995.0 2.7 2.7 2.7 2.7 3.4 4.5 1.412.4 35.0 812.1 19.7 992.3 24.1 1-80.2 -4.4	804.5.5 19.6 9.9.5.7 4.2 1,016.2 2.2.2 3.7.5 -211.7 -5.2 -11.3 36.1 1,481.3 36.1 1,01.3 821.5 19.7 1,013.8 2.4 1,013.8	795.0 193 -9.5 -8.7 1,003.2 -13.0 -9.1 -22.1 -208.2 -5.0 -13.5 -10.0 13.5 1,532.5 -10.0 18.5 1,532.5 1,001.1 23.8 -19.4 -4.5	813.0 19.4 18.0 7.2 10.8 1,047.3 25.0 25.0 25.0 3.1 1,047.3 3.5 1.0 1,047.3 3.0 1.0 1,050.1 1,592.4 38.0 19.5 1,045.3 24.5 215.6 -5.1	833.6 19.6 20.6 10.8 9.8 1,037.1 24.3 30.7 -12.7 -203.6 -4.8 22.3 1,652.9 38.8 850.7 19.6 1,035.5 23.9 -184.8 -4.3	859.4 19.9 25.8 2.5 23.3 1,039.0 24.1 1.9 3.7 -1.8 -179.6 -4.2 25.2 1,692.7 39.3 876.9 20.0 1,037.4 23.7 -160.6 -3.7	867.9 19.9 8.5 6.6 1.9 1.060.1 24.2 21.1 9.0 12.1 -192.3 -4.4 -10.3 1,737.5 39.7 1,058.6 23.8 -173.9 -3.9	998.3 20.5 40.4 7.8 32.6 1,066.8 24.1 6.7 4.2.5 -3.6 30.2 1,781.7 40.2 20.5 1,065.3 23.6 -133.1 -3.1	911.4 20.3 3.1 6.3 -3.2 1,072.4 23.9 5.6 3.9 1.7 -161.0 -2.5 2.4 -4.9 1,814.4 40.4 -2.5 20.3 1,070.9 23.4 -3.1	912.8 20.1 1.4 4.2 -2.8 1,108.7 24.4 36.3 2.9 -4.3 -34.9 -36.2 1,851.0 40.7 931.2 20.1 1,107.2 23.9 -3.8	916.4 20.0 36. 2.2 1.4 1.109.4 24.2 7. 17.0 -4.2 2.9 -14.8 17.7 1,912.9 41.7 20.0 1,108.0 23.7 -3.7	944 200 288 13 14 1.118 28 4 4 2-173 -19 9 10 21,951 41
Receipts: Level		729.6 19.6 18.3 7.2 11.1 863.8 22.2 23.2 23.2 24.11.2 -3.6 -5.5 -3.3 1,128.2 30.3 748.6 19.7 859.8 22.6 -111.1 -2.9	732.4 19.4 2.8, 9.1.1 884.7.2 23.5 20.9.2.7 18.2 -152.3 -4.0 1.3 -19.3 31.0 751.2 19.5 881.0 22.9 -129.8	737.5 19.3 51.1 5.7 -6 23.5 14.9 2.1 1.2 1.8 -162.1 -4.2 -9.8 3.6 -13.4 1,219.9 31.9 -756.0 19.3 896.1 22.9 -140.1 -3.6	753.1 19.4 15.6 5.1 10.5 929.5 23.9 22.9 22.7 -14.3 2.9 -17.2 1,264.8 32.6 771.3 19.5 926.0 23.4 -154.7 -3.9	801.3 20.4 48.2 957.1 24.3 957.1 24.3 20.6 13.9 20.6 -10.9 31.5 1,311.8 33.4 820.3 20.5 953.8 23.8 -3.8 -3.8 -3.8 -3.8 -3.8 -3.8 -3.8 -	763.2 19.1 -38.1 5.7 -43.8 968.0 24.3 10.9 2.2 -5.1 -49.0 3.5 5-52.5 1,366.8 34.3 780.3 19.2 965.5 23.8 -185.1 -4.6	794.6 19.7 31.4 3.6 27.8 995.0 24.6 27.0 2.7 2.4 3. 200.4 4.0 35.0 812.1 19.7 992.3 24.1 1.412.4 4.039.2	804.5. 19.6. 9.9. 5.7. 4.2 1,016.2. 24.8. 21.2. 3.7. 17.5211.75.211.3. 2.013.3 1,481.3 36.1	795.0 19.3 -9.5 -8 -8.7 1,003.2 24.3 9.1 -22.1 -22.1 -208.2 -10.0 13.5 37.1 -19.3 1,001.1 23.8 -189.4 -4.5	813.0 19.4 18.0 7.2 10.8 1,047.3 25.0 44.1 2.7 41.4 23.4 3.6 6 - 30.7 1,592.4 38.0 829.7 19.5 1,045.3 24.5 1,045.3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	833.6 19.6 20.6 10.8 9.8 1,037.1 24.3 2.5 -12.7 -203.6 -4.8 30.7 1,652.9 38.8 850.7 19.6 1,035.5 23.9 -184.8 -4.8	859.4 19.9 25.8 2.5 2.3 3 1,039.0 24.1 1,79.6 4.2 24.0 24.0 24.0 24.0 25.2 1,692.7 39.3 876.9 20.0 1,037.4 23.7 160.6 3.7	867.9 19.9 8.5 6.6 1.9 1,060.1 24.2 24.2 24.2 21.1 9.0 12.1 -12.3 -2.4 -10.3 1,737.5 39.7 1,058.6 23.8 -173.9 -3.9	908.3 20.5 40.4 7.8 32.6 1,066.8 24.1 6.7 4.2 2.5 1.781.7 40.2 1,781.7 40.2 20.5 1,065.3 23.6 1,781.7 3.1 44.435.0 44.435.0	911.4 20.3 3.1 6.3 -3.2 1,072.4 23.9 1.7 -161.0 -2.5 2.5 4.4 40.4 929.5 20.3 1,070.9 23.4 -4.9 1,814.4 4,94.7	912.8 20.1 1.4 4.2 -2.8 1,108.7 24.4 36.3 2.9 33.4 -34.9 1.3 -34.9 1.8 51.0 931.2 20.1 1,107.2 23.9 -73.8 4,547.3	1 916.4 20.0 3.6 2.2 1.4 1.109.4 24.2 2.7 17.0 -16.3 -193.0 -1.4 2.1 1.1 1.9 12.9 41.7 1.9 12.9 2.7 1.7 1.9 12.9 41.7 1.9 12.9 41.7 4.5 20.0 23.7 -173.6 -3.7 4.5 92.6 4.5 92.	9444 200 288 133 144 1,1188 238 4 4 4 4 1 1,118 238 19 10 10 1,951 41 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Receipts: Level Percentage of trend GNP Change from preceding period Due to automatic inflation effects Due to discretionary policy and other factors Expenditures: Level Percentage of trend GNP Change from preceding period Due to automatic inflation effects Due to discretionary policy and other factors. Surplus or deficit (-): Level Percentage of trend GNP Change from preceding period Due to automatic inflation effects Due to discretionary policy and other factors. Surplus or deficit (-): Level Percentage of trend GNP Change from preceding period Due to automatic inflation effects Due to discretionary policy and other factors. Debt: At par value, end of period: Level Percentage of trend GNP At market value, end of period: Level Percentage of trend GNP Based on 6-percent unemployment rate trend GNP: Receipts: Level Percentage of trend GNP Expenditures: Level Percentage of trend GNP Surplus or deficit (-): Level Percentage of trend GNP Percentage of trend GNP Surplus or deficit (-): Level Percentage of trend GNP		729.6 19.6 18.3 7.2 11.1 863.8 22.2 23.2 23.2 23.2 23.2 23.2 23.2 2	732.4 19.4 2.8 3.9 -1.1 884.7 23.5 20.9 2.7 18.2 -15.2 3.1 -19.3 1,170.3 31.0 751.2 19.5 881.0 22.9 -129.8 -3.4	737.5 19.3 51.1 5.7 -6 23.5 14.9 2.1 1.2 899.6 23.5 14.9 2.1 1.2 9.8 6.1 3.1 9.8 19.3 19.3 19.3 19.3 19.3 19.3 19.3 19.3	753.1 19.4 15.6 5.1 10.5 929.5 23.9 22.9 22.2 23.4 -4.5 -14.3 2.9 -17.2 1,264.8 32.6 771.3 19.5 926.0 23.4 -154.7 -3.9 93.6 881.3 3,560.8	801.3 20.4 48.2.3 27.6 13.9 957.1 24.3 27.6 13.9 31.7 -155.8 -40.9 31.5 1,311.8 33.4 -20.5 953.8 20.5 953.8 23.8 3,931.0 3,583.4	763.2 19.1 -38.1 5.7 -43.8 968.0 24.3 10.9 2.2 -5.1 -49.0 3.6 3.4 3.4 3.4 3.6 6.8 3.4 3.7 780.3 19.2 965.5 23.8 -185.1 -4.6	794.6 19.7 31.4 3.6 27.8 995.0 24.6 27.0 2.7 2.4 3. 200.4 1.0 3.4 1.412.4 35.0 812.1 19.7 992.3 24.1 19.2 4.4 4.0 3.6 812.1 19.7 4.4 4.0 992.3 24.1 19.7 4.4 4.0 992.3 24.1 19.7 4.4 4.0 992.3 24.1 19.7 19.7 19.7 19.7 19.7 19.7 19.7 19	804.5. 19.6. 9.9. 5.7. 4.2 1,016.2. 24.8. 21.2. 37. 7.5211.75.211.3. 2.013.3 1,481.3 36.1	795.0 19.3 -9.5 -8 -8.7 1,003.2 24.3 9.1 -22.1 -22.1 -208.2 -10.0 13.5 1,532.5 37.1 19.3 1,001.1 23.8 -189.4 -4.5	813.0 19.4 18.0 7.2 10.8 1,047.3 25.0 44.1 2.7 41.4 2.3 4.3 2.5 2.6 2.6 3.8 9.0 1,592.4 38.0 829.7 19.5 1,045.3 24.5 24.5 24.5 24.5 24.5 24.5 24.5 24.5	833.6 19.6 20.6 10.8 9.8 1,037.1 24.3 2.5 -12.7 -203.6 4.8 22.3 1,652.9 38.8 850.7 19.6 1,035.5 23.9 -184.8 -4.8	859.4 19.9 25.8 2.5 2.3 3 1,039.0 24.1 1,79.6 4.2 24.0 24.0 24.0 24.0 25.2 1,692.7 39.3 876.9 20.0 1,037.4 23.7 160.6 3,737.9	867.9 19.9 8.5 6.6 1.9 1,060.1 24.2 24.2 24.2 21.1 9.0 12.1 -12.3 -1.0 39.7 1,737.5 39.7 1,058.6 23.8 -173.9 -3.9 4,372.1 3,759.3	908.3 20.5 40.4 7.8 7.8 32.6 1,066.8 24.1 6.7 4.2 2.5 5.3 6.3 3.8 6.3 0.2 1,781.7 40.2 20.5 1,065.3 23.6 1.3 3.7 80.9 4,435.0 3,780.9	911.4 20.3 3.1 6.3 -3.2 1,072.4 23.9 1.7 -161.0 -2.5 -2.5 20.3 1,070.9 1,814.4 40.4 40.4 40.4 40.4 40.4 40.4 40.4	912.8 20.1 1.4 4.2 -2.8 1,108.7 24.4 36.3 2.9 33.4 -34.9 1.3 -34.9 -	916.4 20.0 36.6 22.2 7.17.0 1.109.4 24.2 2.9 1.109.4 1.17.7 1.912.9 41.7 934.5 20.0 1,108.0 23.7 -173.6 -3.7 4,592.6 3,846.4	9444 20 28 13 14 1,118 23 8 4 4 4 4 1,118 9 10 10 1,951 41

Note.—These estimates incorporate the national income and product account revisions released in July. In addition, the middle-expansion period, which is used to calculate trend GNP and unemployment rate, was extended. Previously it was from the third quarter of 1988 to the second quarter of 1986. The period was extended to the second quarter of 1988 to reflect the con-

tinuation of economic expansion without substantial inflation after the second quarter of 1986. As a result of the extension, middle-expansion trend GNP was revised up by amounts that increased from \$2 billion in the third quarter of 1981 to \$65 billion in the first quarter of 1988, and the trend unemployment rate was revised down to 6.9 percent from 7.4 percent.

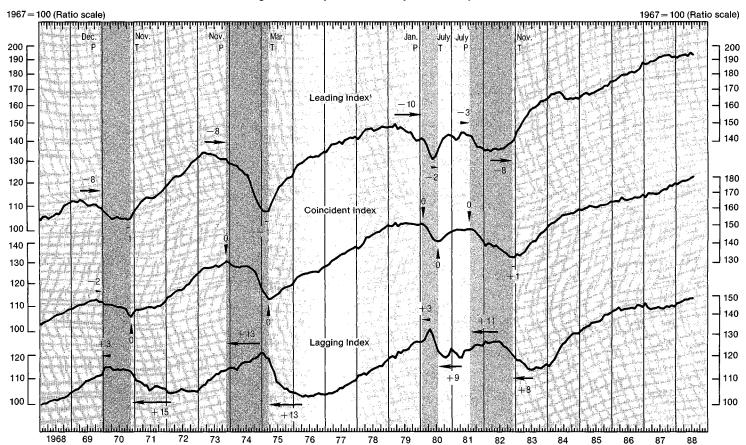
Composite Indexes of Leading, Coincident, and Lagging Indicators

Recent Data and Percent Changes

Index			1987							198	37	1988				
Index	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July ^p	III	IV	I	II
								Index (1	967=100)							
Leading index	191.7	191.9	r 192.1	^r 190.2	190.9	⁷ 189.9	[,] 191.5	⁷ 191.8	r 192.5	^r 191.1	r 193.7	192.1	191.5	r191.1	⁷ 191.1	^r 192.4
Coincident index	170.6	170.7	173.1	172.6	174.4	173.8	175.2	176.1	⁷ 176.0	^r 176.6	^r 177.9	178.9	170.4	173.4	175.0	^r 176.8
Lagging index	141.6	143.0	142.5	143.3	142.7	144.5	144.9	145.7	⁷ 146.7	r 146.4	147.3	147.4	142.1	142.8	145.0	^r 146.8
						Per	cent chan	ge from p	eceding n	onth (qua	rter)					
Leading index	.4	.1	.1	1.0	₹.4	^г –.5	.8	r.2	г.4	r7	1.4	8	1.4	r2	70	r.7
Coincident index	.5	.1	1.4	3	1.0	3	.8	.5	1	r.3	.7	.6	1.5	1.8	.9	r1.0
Lagging index	1	1.0	3	.6	4	1.3	.3	.6	r.7	r2	r.6	.1	0	.5	1.5	₹1.2

Note.—Quarterly data are averages of monthly figures. Quarterly percent changes are computed from quarterly data.

Long -Term Perspective: January 1968 to July 1988



Note.—Peak (P) indicates the end of business cycle expansion and the beginning of recession (shaded area). Trough (T) indicates the end of business cycle recession and the beginning of expansion. Business cycle peaks and troughs are designated by the National Bureau of Economic

Research, Inc. The numbers entered on the chart indicate the length of leads (-) and lags (+) in months from the business cycle turning dates.

1. Beginning with data for January 1984, the net business formation component has been suspended

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

Relationship Between Personal Income and Adjusted Gross Income, 1984-86

THE reconciliation of the Bureau of Economic Analysis (BEA) measure of personal income with the Internal Revenue Service (IRS) measure of adjusted gross income (AGI) by type of income is revised for 1984-85 and extended to 1986 in this article.¹ The reconciliation incorporates personal income estimates for 1985-86 published in the July 1988 national income and product accounts revision, final estimates of AGI for 1984-85, and a preliminary estimate of AGI for 1986.²

The reconciliation items (lines 3-9 and 11-15) in tables 1-3 allow the construction from personal income (line 1) of a BEA-derived AGI (line 22) that conforms to the IRS definition of AGI (line 23). The reallocations of per-

sonal income and of the IRS measure of AGI necessary to show the reconciliation by type of income are shown in lines 17-21 and lines 25-27. The difference between the BEA-derived AGI and the IRS measure of AGI, called the AGI gap, is shown in line 29. The percent distribution of the AGI gap by type of income and the AGI gap as a percentage of the BEA-derived AGI are shown in lines 30 and 31, respectively.

The AGI gap can be viewed as evidence of noncompliance with the tax code because BEA-derived AGI is based on estimates of personal income that are adjusted to include income unreported on individual income tax returns, while the IRS measure of AGI is based entirely on unaudited tax return data. The noncompliance reflected in the gap is limited to that associated with types of income included in personal income; the gap does not reflect noncompliance associated with other types of income, such

as unreported capital gains and unreported illegal income. In addition to reflecting noncompliance, however, the AGI gap also includes income earned by low-income individuals who are not required to file income tax returns, gross errors and omissions in the estimates of reconciliation items, and the net effect of errors in personal income and AGI of IRS.

The AGI gap as a percentage of the BEA-derived AGI—a rough indicator of the rate of noncompliance—has remained at about 11 percent for the last 10 years (table $\bar{4}$). The gaps by type of income, however, have varied widely over this period. For rental income of persons, the gap increased steadily; for personal interest income and for taxable unemployment compensation, the gaps declined steadily. For farm and nonfarm proprietors' income and for personal dividend income, the gaps increased steadily until 1984 and then declined, but remained above the pre-1977 levels.

Tables 1 through 4 follow.

^{1.} Estimates for earlier years are in "Relationship Between Personal Income and Adjusted Gross Income: Revised Estimates, 1947-83," Survey of Current Business 66 (May 1986): 34-40, and "Relationship Business 66 (May 1986): 34-40, and "Relationship Business 65," Survey 67 (May 1987): 18-20. In the national income and product accounts tables, the reconciliation appears in table 8.14.

^{2.} The estimates of taxable social security benefits included in personal income for 1984-85 also have been revised to reflect a modification in the estimating procedure.

^{3.} See Robert P. Parker, "Improved Adjustments for Misreporting of Tax Return Information Used to Estimate the National Income and Product Accounts, 1977," Survey 64 (June 1984): 17-19.

^{4.} For a discussion of why the AGI gap is not a measure of the size of the underground economy, see Carol S. Carson, "The Underground Economy: An Introduction," Survey 64 (July 1984): 109.

Table 1.—Reconciliation of Personal Income and Adjusted Gross Income, by Type of Income, 1984

			LDIMONS	or dollars									
		Personal	Wages	Propr inco		Personal	Rental income	Personal	Taxable pensions	Taxable unem-	Taxable social	Other	Income not included
Line		income	and salaries	Farm	Nonfarm	dividend income	of persons ²	interest income	and annuities	ployment compen- sation	security benefits ³	personal income	in personal income
1	Personal income	3,108.7	1,838.6	30.5	204.0	75.5	8.5	444.7	4 47.0	7.4	10.5	5 422.0	0
2	Less: Portion of personal income not included in adjusted gross income.	954.1	16.4	13.9	43.3	18.6	-10.2	209.7	0	0	0	572.7	6 89.7
3	Transfer payments except taxable military retirement and taxable government pensions.	391.8	0	0	0	0	0	0	0	0	0	391.8	0
4	Other labor income except fees	180.0	0	0	0	0	0	0	0	0	0	180.0	%
5	Imputed income in personal income	49.4	8.5	5.6	2.3	0	-18.5	51.5 98.4	0	0	l n	ŏ	%
7	Investment income retained by life insurance carriers and private noninsured pensions funds. Investment income received by nonprofit institutions or	98.4 31.6	0	0	0 .2	7.0	1.5	22.2	0	0	0	7.8	0
8	retained by fiduciaries. Differences in accounting treatment between NIPA's and tax	79.8	0	8.4	40.8	3.5	6.8	20.3	0	0	0	0	0
9	regulations, net. Other personal income exempt or excluded from adjusted gross income.	123.0	7.9	0	0	8.0	0	17.3	0	0	0	0	89.7
10	Plus: Portion of adjusted gross income not included in personal income.	252.7	4.1	0	.9	0	1.8	0	58.4	0	0	132.7	54.8
11 12 13 14 15	Personal contributions for social insurance Net gain from sale of assets Taxable private pensions ⁶ Small business corporation income. Other types of income	56.2 58.4 6.2	0 0 0 0 4.1	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0 1.8	0 0 0 0	0 0 58.4 0	0 0 0 0	0 0 0 0	132.7 0 0 0 0	0 56.2 0 6.2 -7.6
16	Plus: Intercomponent reallocation	. 0	2.9	1	12.7	16.8	0	-30.2	0	. 0	0	-2.1	0
17 18 19 20 21	Fees in other labor income	0	2.9 0 0 0 0	0 1 0 0 0	0 7 13.4 0 0	0 0 0 16.8	0 0 0 0	0 0 -13.4 -16.8	0 0 0 0	0 0 0 0	0 0 0 0	-2.9 .8 0 0	0 0 0 0
22	Equals: BEA-derived adjusted gross income	2,407.3	1,829.2	16.4	174.4	73.8	20.5	204.8	105.4	7.4	10.5	0	-35.0
23	Adjusted gross income of IRS (as reported)	2,139.9	1,807.1	-13.1	70.8	48.6	8.0	176.4	80.4	6.1	7.9	-1.3	-35.0
24	Plus: Intercomponent reallocation	l	0	-1.4	-6.4	0	.7	5.8	0	0	0	9 1.3	0
25 26 27	Estate or trust income. Partnership income. Other reallocations	. 0	0 0	-1.5 0	-7.0 0	0 0	0.7	5.8 0 0	0 0	0 0	0 0	$\begin{bmatrix} -7.1 \\ 8.4 \\ 0 \end{bmatrix}$	0 0
28	Adjusted gross income of IRS (reallocated)	2,139.9	1,807.1	-14.5	64.3	48.6	-7.3	182.2	80.4	6.1	7.9	. 0	-35.0
29	Adjusted gross income (AGI) gap	267.4	22.1	30.8	110.0	25.1	27.9	22.7	24.9	1.3	2.6	0	0
30 31 32	Percent distribution of AGI gap	. 100.0 . 11.1 . 88.9	8.3 1.2 98.8	11.5 188.3 (**)	41.1 63.1 36.9	9.4 34.1 65.9	10.4 135.7 (**)	8.5 11.1 88.9	9.3 23.6 76.4	.5 17.7 82.3	1.0 24.7 75.3		

See footnotes at the end of table 3.

Table 2.—Reconciliation of Personal Income and Adjusted Gross Income, by Type of Income, 1985
[Billions of dollars]

			[DIIIIOIIB	or domais									
		Personal	Wages	Propr inco		Personal	Rental income	Personal	Taxable pensions	Taxable unem-	Taxable social	Other	Income not included
Line		income	and salaries	Farm	Nonfarm	dividend income	of persons 2	interest income	and annuities	ployment compen- sation	security benefits ⁸	personal income	in personal income
1	Personal income	3,325.3	1,975.4	30.2	225.6	78.7	9.2	478.0	4 52.6	. 7.7	12.8	5 455.0	0
2	${\it Less:}$ Portion of personal income not included in adjusted gross income.	1,021.4	17.5	3.5	54.8	20.4	-11.1	239.1	, 0	0	0	602.1	⁶ 95.1
3	Transfer payments except taxable military retirement, taxable government pensions, and taxable social security benefits.	416.6	0	0	0	0	-0	0	0	0	0	416.8	0
4	Other labor income except fees	184.3	0	0_	0	0	0	0	0	0	0	184.3	0
þ	Imputed income in personal income	55.3	8.9	4.7	2.4	0	-20.9	60.2	0 .	Ŏ	0 0	. 0	0
7	Investment income retained by life insurance carriers and private noninsured pensions funds. Investment income received by nonprofit institutions or	112.8 34.8	0	0	.2	0 7.1	0 1.6	112.8	0	0	0	7 1.1	"
8	retained by fiduciaries. Differences in accounting treatment between NIPA's and tax	87.3	0	-1.2	52.3	5.2	8.2	22.9	0	o	0	0	0
9	regulations, net. Other personal income exempt or excluded from adjusted gross income.	130.2	8.6	0	0.	8.2	0	18.4	0	0	0	0	95.1
10	Plus: Portion of adjusted gross income not included in personal income.	299.4	6.2	0	1.3	0	1.9	0	72.9	. 0	.0	149.3	67.8
11 12 13 14 15	Personal contributions for social insurance Net gain from sale of assets Taxable private pensions ⁶ Small business corporation income. Other types of income	69.8 72.9	0 0 0 0 6.2	0 0 0 0	0 0 0 0 1.3	0 0 0 0	0 0 0 0 1.9	0 0 0 0	0 0 72.9 0	0 0 0 0	0 0 0 0	149.3 0 0 0 0	0 69.8 0 6.2 -8.2
16	Plus: Intercomponent reallocation	0	3.3	1	16.3	16.8	0	-34.1	0	. 0	0 -	-2.2	0
17 18 19 20 21	Fees in other labor income	0	3.3 0 0 0 0	$ \begin{array}{c} 0 \\ -0.1 \\ 0 \\ 0 \end{array} $	$\begin{array}{c} 0 \\ -1.0 \\ 17.3 \\ 0 \\ 0 \end{array}$	0 0 0 16.8	0 0 0 0	0 0 -17.3 -16.8	0 0 0 0	0	0 0 0 0	-3.3 1.1 0 0	0 0 0 0
22	Equals: BEA-derived adjusted gross income	2,603.4	1,967.4	26.6	188.4	75.1	22.2	204.8	125.5	7.7	12.8	0	-27.2
23	Adjusted gross income of IRS (as reported)	2,306.0	1,928.2	-12.0	78.8	55.0	-10.9	182.1	95.1	6.4	9.6	1.0	-27.2
24	Plus: Intercomponent reallocation	0	0	9	-6.9	0	1.2	7.5	0	. 0	0	9 -1.0	-1.0
25 26 27	Estate or trust income. Partnership income. Other reallocations.		0 0 0	$-1.0 \\ 0$	$-7.7 \\ 0$	0 0 0	1.2 0 0	7.5 0 0	0 0 0	0 0	0 0 0	-9.7 8.8 0	0 0 0
28	Adjusted gross income of IRS (reallocated)	2,306.0	1,928.2	-12.9	71.9	55.0	-9.7	189.6	95.1	6.4	9.6	. 0	-27.2
29	Adjusted gross income (AGI) gap	297.4	39.2	39.6	116.5	20.1	32.0	15.2	30.4	1.3	3.2	0	0
30 31 32	Percent distribution of AGI gap AGI gap as a percentage of BEA-derived AGI AGI of IRS as a percentage of BEA-derived AGI	100.0 11.4 88.6	13.2 2.0 98.0	13.3 148.6 -48.6	39.2 61.8 38.2	6.8 26.7 73.3	10.7 143.7 -43.7	5.1 7.4 92.6	10.2 24.2 75.8	.5 17.5 82.5	1.1 25.2 74.8	······································	

See footnotes at the end of table 3.

Table 3.—Reconciliation of Personal Income and Adjusted Gross Income, by Type of Income, 1986

[Billions of dollars]

			[Dimons										
		ln	Wages	Propr inco		Personal	Rental	Personal	Taxable pensions	Taxable unem-	Taxable social	Other	Income not included
Line		Personal income	and salaries	Farm	Nonfarm	dividend income	income of persons ²	interest income	and annuities	ployment compen- sation	security benefits 3	personal income	in personal income
1	Personal income	3,531.1	2,094.0	36.4	250.3	82.8	12.4	499.1	4 61.9	8.3	13.5	6 472.5	0
2	${\it Less}$: Portion of personal income not included in adjusted gross income.	1,103.2	18.7	4.5	66.7	26.4	-2.8	259.8	0	0	.0	630.8	6 99.2
3	Transfer payments except taxable military retirement, taxable government pensions, and taxable social security benefits.	437.5	0	0	0	0	0	0		0	0	437.5	0
4	Other labor income except fees	192.5	0	0	0	0	.0	0	0	. 0	0	192.5	0
5	Imputed income in personal income	70.0	9.4	4.1	3.0	0	-16.0	69.5	0	Ò	0	Ö	0
6 7	Investment income retained by life insurance carriers and private noninsured pensions funds. Investment income received by nonprofit institutions or	121.3 33.1	0	0	.2	7.4	0 1.5	121.3 23.2	0	0	0	7.8	0
8	retained by fiduciaries. Differences in accounting treatment between NIPA's and tax	105.2	0	.5	63.5	6.2	11.6	23.5	0	0	0	0	0
9	regulations, net. Other personal income exempt or excluded from adjusted gross income.	143.6	9.3	0	0	12.8	0	22.3	0	. 0	0	0	99.2
10	Plus: Portion of adjusted gross income not included in personal income.	403.0	6.7	0	1.3	0	2.0	0	87.8	0	0	161.1	144.0
11 12 13 14 15	Personal contributions for social insurance	137.4 87.8 10.9	0 0 0 0 6.7	0 0 0 0	0 0 0 0 1.3	0 0 0 0	0 0 0 0 2.0	0 0 0 0	0 0 87.8 0	0 0 0 0	0 0 0 0	161.1 0 0 0 0	0 137.4 0 10.9 -4.2
16	Plus: Intercomponent reallocation	0	3.6	1	16.2	21.1	0	-37.9	0	0	0	-2.8	0
17 18 19 20 21	Fees in other labor income	0 0	3.6 0 0 0 0	0 1 0 0 0	0 7 16.9 0	0 0 0 21.1	0 0 0 0	$\begin{array}{c} 0 \\ 0 \\ -16.9 \\ -21.1 \\ 0 \end{array}$	0 0 0 0	0 0 0 0	0 0 0 0	-3.6 .8 0 0	0 0 0 0
22	Equals: BEA-derived adjusted gross income	2,830.8	2,085.6	31.8	201.2	77.5	17.2	201.3	149.7	8.3	13.5	0	44.8
23	Adjusted gross income of IRS (as reported)	Į.	2,046.1	-6.9	90.4	63.1	-11.1	168.2	108.5	7.0	10.9	1.5	44.8
24	Plus: Intercomponent reallocation		0	6	-4.3	0	.9	5.4	0	0	0	9 -1.5	0
25 26 27	Estate or trust income Partnership income Other reallocations	. 0	0 0 0	6 0	-4.8 0	0 0	.9 0	5.4 0 0	0	0 0	0 0	-6.9 5.4 0	0 0
28	Adjusted gross income of IRS (reallocated)	2,522.5	2,046.1	-7.5	86.1	63.1	-10.2	173.7	108.5	7.0	10.9	0	44.8
29	Adjusted gross income (AGI) gap	308.3	39.5	39.3	115.1	14.4	27.4	27.7	41.2	1.2	2.7	0	0
30 31 32	Percent distribution of AGI gap AGI gap as a percentage of BEA-derived AGI AGI of IRS as a percentage of BEA-derived AGI	100.0 10.9 89.1	12.8 1.9 98.1	12.7 123.6 (**)	37.3 57.2 42.8	4.7 18.6 81.4	8.9 159.1 (**)	9.0 13.7 86.3	13.4 27.5 72.5	.4 14.8 85.2	.9 19.6 80.4		

^{*} Less than \$0.05 billion.

* Division by a negative number.

1. With inventory valuation and capital consumption adjustments.

2. With capital consumption adjustment.

3. Taxable social security benefits also include a small amount of taxable railroad retirement benefits.

4. Consists of taxable portion of government transfer payments to persons included in personal income—nondisability military retirement pay and Federal civilian and State and local government employee retirement benefits in excess of employee contributions.

Consists of other labor income, nontaxable portion of government transfer payments to persons, business transfer payments, less personal contributions for social insurance.
 Statutory adjustments.
 Consists of partnership income retained by fiduciaries.
 Taxable private pensions represent the portion of nongovernment pension benefits received by individuals from annuity and pension plans in excess of the "investment in contract."
 Consists of partnership and estate or trust net incomes.

Table 4.—Adjusted Gross Income Gap as a Percentage of BEA-derived AGI, Total and by Type of Income, 1947-86

}			Proprietor	' income 1	Personal	Rental	Personal	Taxable	Taxable unemploy-	Taxable
Year	Total	Wages and salaries	Farm	Nonfarm	dividend income	income of persons 2	interest income	pensions and annuities	ment compensa- tion	social security benefits
947	12.2	3.5	73.9	6.5	8.1	55.8	44.5	40.9	0	0
948	11.4	4.2	70.1	6.6	3.4	52.4	43.4	35.5	ĬŎ	Ŏ
949	11.6	4.9	69.4	11.4	3.7	44.9	41.5	20.5	i o i	Õ
950	11.1	3.9	64.4	17.3	8.9	46.5	44.0	32.6	l ŏ l	Ò
951	11.6	4.1	67.1	19.4	9.1	48.3	46.4	35.0	0	Ó
952	11.0	3.5	65.3	21.6	12.7	48.6	46.6	36.5	l ō i	Ò
953	11.0	3.4	63.0	25.2	15.3	47.8	50.0	39.5	l ŏ Ì	. Õ
954	10.6	3.6	59.7	23.9	8	51.5	60.0	36.7	l ŏ l	ŏ
955	10.3	3.4	53.5	24.1	1.5	54.7	62.5	42.2	lõ	Ŏ
956	10.1	4.0	51.9	20.1	-1.0	53.6	62.5	47.0	Ŏ	Ŏ
957	9.8	3.2	47.3	24.3	-3.2	56.6	62.6	43.7	0	0
958	11.0	3.9	51.5	27.6	.6	50.7	62.9	43.1	1 0 1	0
959	9.9	3.1	55.5	25.8	1.4	51.2	60.3	46.7	0	0
960	10.5	3.4	60.4	27.8	4.3	49.6	58.3	47.7	1 0 1	0
961	9.8	2.8	53.1	29.8	3.2	46.5	52.8	47.5	1 0	Ó
962	10.1	3,2	55.2	29.2	3.6	44.5	51.5	42.7	0 1	0
963	9.8	2.7	61.9	30.3	3.6	47.7	45.3	40.6	0 1	. 0
964	10.2	3.1	57.9	31.3	7.6	52.6	46.9	41.5	0 1	Ō
965	10.5	3.3	55.5	30.4	8.4	55.9	47.7	41.8	1 0 1	0
966	9.9	3.4	51.5	30.3	-2.0	50.6	44.5	38.4	0	0
967	9.1	2.6	50.3	30.0	1.6	55.6	42.4	39.2	0	0
968	9.1	2.9	55.0	29.2	4.1	49.5	41.5	36.5	0	0
969	9.0	2.4	58.3	31.6	2.7	54.6	39.5	37.2	0	0
970	9.5	2.4	65.2	34.1	5.0	57.5	40.3	38.7	0	. 0
971	9.7	2.3	69.9	36.9	7.8	56.7	37.7	38.6	(0	. 0
972	9.5	1.8	63.4	40.2	10.0	52.6	35.5	37.9	0	0
.973	10.7	2.4	62.9	41.5	12.9	47.0	35.3	34.8	0	0
974	9.8	1.2	71.1	45.0	8.8	41.4	32.7	31.3	0	0
975	9.6	1.7	68.1	47.9	3.7	41.3	28.2	28.6	0	0
976	9.7	1.6	68.5	50.0	11.4	34.8	26.5	25.7	0	0
.977	10.7	2.1	90.0	50.2	15.5	45.8	31.4	23.9	0	0
978	11.2	2.3	70.5	52.3	18.5	45.5	32.3	25.3	ŏ	ŏ
979	11.0	1.5	82.2	55.0	21.6	53.1	32.9	25.5	28.9	ŏ
980	10.7	1.4	108.2	57.1	24.8	67.3	24.8	25.8	25.6	ŏ
981	10.7	1.3	150.2	61.3	32.9	82.8	18.9	25.7	25.9	. 0
982	10.9	1.0	157.7	61.4	23.7	96.5	13.8	25.4	21.5	Ö
983	10.1	1.5	174.9	60.7	30.7	112.0	14.4	24.7	24.8	ı ŏ
984	11.1	1.5	188.3	63.1	34.1	135.7	11.1	23.6	17.7	24.
985	11.1	2.0	148.6	61.8	26.7	143.7	7.4	24.2	17.5	24. 25.
006	10.9	1.9	123.6	57.2	18.6	159.1	13.7	24.2	14.8	19.
986	10.9	1.9	120.6	91.2	18.6	199.1	15.7	21.5	14.8	19.

^{1.} With inventory valuation and capital consumption adjustments. 2. With capital consumption adjustment.

State Personal Income, 1985-87: Revised Estimates

Revision Schedule for Regional Estimates

The annual estimates of State personal income for a given year are subject to successive refinement. Preliminary estimates, based on the current quarterly series, are published each April in the Survey of Current Business, 4 months after the close of the reference year. The following August, more reliable annual estimates are published. These estimates are developed independently of the quarterly series and are prepared in greater component detail, primarily from Federal and State government administrative records. The annual estimates published in August are subsequently refined to incorporate newly available information used to prepare the current local area estimates. These revised State estimates are

published the following April, together with the current local area estimates. The annual estimates emerging from the three-step process described above are subject to still further revision for several succeeding years (the State estimates in April and August and the local area estimates in April) as additional data become available. The routine revisions of the State estimates for a given year are normally completed with the fourth April publication. After that, the estimates will be changed only to incorporate a comprehensive revision of the national income and product accounts—which takes place approximately every 5 years—or to make important improvements to the estimates through the use of additional or more current State and local area data.

THIS article presents revised annual estimates of State personal income for 1985-87. Tables 1 and 2 present the estimates of total and per capita personal income and of total and per capita disposable personal income, respectively (including unrevised estimates for 1982-84). Table 3 presents detailed estimates of the sources of personal income by type of payment and by industry for 1985-87.

Revised annual estimates for 1929-68 are now available. These estimates reflect the comprehensive revision of the national estimates introduced in the December 1985 Survey of Cur-RENT BUSINESS and are consistent with the revised State estimates for 1969 and later years published in the August 1987 and April 1988 issues of the Survey. The estimates for 1985-87 presented here supercede those published previously. The entire time series of State personal income, 1929-87, is available in summary and detailed tabulations as explained in the box on page 29.

Definition of total and per capita personal income

The personal income of a State is defined as the income received by, or on behalf of, all the residents of the State. It consists of the income received by persons from all sources, that is, from participation in produc-

tion, from both government and business transfer payments, and from government interest. Personal income is measured as the sum of wage and salary disbursements, other labor income, proprietors' income, rental income of persons, personal dividend income, personal interest income, and transfer payments, less personal contributions for social insurance. State per capita personal income is measured as the personal income of the residents of a State divided by the July 1 resident population of the State.

In the national and regional economic accounts, persons are defined as individuals, nonprofit institutions serving individuals, private noninsured welfare funds, and private trust funds.

Disposable personal income, which is measured as personal income less personal tax and nontax payments, is the income available to persons for spending or saving. Personal tax and nontax payments are tax payments by persons that are not chargeable to business expense and certain other personal payments to government

Local Area Personal Income, 1981-86

This five-volume set presents local area estimates of total and per capita personal income and of personal income by type of payment and labor and proprietors' earnings by industry. Volume 1 contains estimates for the United States, regions, States, and metropolitan areas, including consolidated metropolitan statistical areas (CMSA's). Earnings are presented at the Standard Industrial Classification (SIC) two-digit level. Each of volumes 2–5 contains estimates for the United States; the specified region(s); and the States, counties, and metropolitan areas (excluding CMSA's) of the region(s). Earnings are presented at the SIC industry division level. Volumes can be ordered from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402; see the inside back cover for more order information.

Volum	ne Area/Title	Stock Number	Price
1	Summary	003-010-00182-8	\$13.00
2	New England, Mideast, and Great Lakes Regions	003-010-00183-6	\$14.00
3	Plains Region	003-010-00184-4	\$11.00
4	Southeast Region	003-010-00185-2	\$16.00
5	Southwest, Rocky Mountain, and Far West Regions and Alaska and Hawaii	003-010-00186-1	\$14.00

agencies (except government enterprises) that are treated like taxes. Personal taxes include taxes on income, including capital gains; on transfers of estates and gifts; and on personal property. Nontaxes include tuitions and fees paid to schools and hospitals operated by government; fees, fines, and forfeitures; and donations. Personal contributions for

social insurance are not included. State per capita disposable personal income is measured as the disposable personal income of the residents of a State divided by the July 1 resident population of the State.

The definitions underlying the State estimates of personal income are essentially the same as those underlying the personal income estimates in the national income and product accounts. The major difference is that the national estimates include the labor earnings of residents of the United States temporarily working abroad (mainly Federal civilian and military personnel), whereas the State estimates include only the income of persons residing in the 50 States and the District of Columbia.

Acknowledgments

The revised estimates of State personal income were prepared by the Regional Economic Measurement Division under the direction of Linnea Hazen, Chief. The estimates were the result of a divisionwide effort.

Estimates of labor income (wages and salaries and other labor income) were prepared by the Regional Wage Branch, under the supervision of Carol E. Evans, Chief. Major responsibilities were assigned to Sharon C. Carnevale, C. Brian Grove, Michael G. Pilot, and James M. Scott. Contributing staff members include E. Frances Bake, Elizabeth P. Cologer, Susan P. Den Herder, Michele Gallucci, Eddie L. Key, Russell C. Lusher, Richard A. Lutyk, Elizabeth A. Mack, Lisa C. Ninomiya, Adrienne T. Pilot, William E. Reid, Jr., John A. Rusinko, Victor A. Sahadachny, and Jaime Zenzano.

Estimates of dividends, interest, rent, transfer payments, personal contributions for social insurance, tax and nontax payments, and the residence adjustments were prepared by the Quarterly Income Branch, under the supervision of Robert L. Brown, Chief. Contributing staff members include David A. Burns, Thelma E.

Harding, John M. Reed, Albert Silverman, James P. Stehle, Isabelle B. Whiston, Ellen M. Wright, Daniel Zabronsky, and Marianne A. Ziver.

Estimates of proprietors' income were prepared by the Proprietors' Income Branch, under the supervision of Bruce Levine, Chief. Major responsibilities were assigned to Charles A. Jolley and James M. Zavrel. Contributing staff members include Elaine M. Briccetti, Daniel R. Corrin, Kirk Fox, Richard H. Grayson, and Toui C. Pomsouvan.

The assembly of public-use tabulations and data files and the preparation of the text and tables for this article were performed by the Regional Economic Information System (REIS) Branch. Major responsibilities were assigned to Kathy A. Albetski, Wallace K. Bailey, Kenneth P. Berkman, and Gary V. Kennedy. Secretarial support was provided by Hilda G. Tolson. Contributing staff members include Eairla A. Hawkins, Louise T. Johnson, Susan J. Lease-Trevathan, Lela S. Lester, Jeffrey L. Newman, Michael J. Paris, Darlene C. Robinson, Elizabeth R. Self, and Mary C. Williams.

Data Availability

The State personal income estimates presented here, as well as more detailed tabulations and estimates for earlier years, are available on magnetic tape, computer printouts, microfiche, and microcomputer diskettes. Tables of total and per capita personal income are available for 1929–87, and tables of total and per capita disposable personal income are available for 1948–87. Detailed personal income tables, similar to table 3 in this article, are available for 1929–87. The tables for 1958–87 present labor and proprietors' earnings at the two-digit Standard Industrial Classification (SIC) level (e.g., food stores); those for 1929–57 present earnings at the SIC industry division level (e.g., total retail trade). Supplemental tables for 1969–87 are available for wages and salaries by two-digit SIC industry, employment (either including or excluding self-employment) by two-digit SIC industry, transfer payments by major

program, farm income and expenses (including broad categories of gross receipts and expenses of all farms as well as farm proprietors' income), and personal tax and nontax payments by level of government and by type. A magnetic tape containing a complete set (United States, regions, and States) of tables for a series costs \$200\$. The tables in forms other than magnetic tape are priced by page, microfiche, or diskette; the cost of an order will depend on the number of table series, areas, and years of data ordered. There is a minimum charge of \$5.00 per order.

For further information or to place an order, call (202) 523-0966 or write to Regional Economic Information System, BE-55, Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230.

Table 1.—Total and Per Capita Personal Income by States and Regions, 1982-87

				To	otal							Per	capita				
State and region		-	Millions	of dollars			Avg. annu (perc				Dol	lars			Perce nati	onal	Rank in
	1982	1983	1984	1985	1986	1987	1982-87	1986-87	1982	1983	1984	1985	1986	1987	1982		U.S. 1987
United States 1	2,663,432	2,834,385	3,101,163	3,317,239	3,521,393	3,768,125	7.19	7.01	11,480	12,098	13,114	13,895	14,606	15,481	100	100	
New England Connecticut Maine Massachusetts New Hampshire Rhode Island Vermont	156,305 45,237 10,902 73,266 10,990 10,643 5,267	169,145 48,630 11,781 79,425 12,260 11,458 5,591	187,447 53,893 12,915 88,260 13,752 12,505 6,122	201,904 57,847 13,834 94,944 15,349 13,305 6,626	218,629 62,418 15,056 102,884 16,845 14,219 7,207	238,639 68,291 16,558 112,085 18,529 15,337 7,840	8.83 8.59 8.72 8.88 11.01 7.58 8.28	9.15 9.41 9.98 8.94 9.99 7.86 8.79	12,569 14,460 9,568 12,751 11,591 11,168 10,122	13,539 15,474 10,270 13,780 12,787 11,999 10,639	14,904 17,073 11,160 15,230 14,060 13,025 11,551	15,944 18,217 11,876 16,305 15,373 13,763 12,383	17,158 19,547 12,846 17,635 16,396 14,589 13,320	18,579 21,266 13,954 19,142 17,529 15,555 14,302	109 126 83 111 101 97 88	120 137 90 124 113 100 92	1 31 3 8 18 27
Mideast Delaware District of Columbia Maryland New Jersey New York Pennsylvania	533,797 7,198 9,210 54,411 103,773 223,261 135,945	570,631 7,714 9,599 58,647 112,510 239,979 142,183	621,851 8,391 10,392 64,544 123,602 263,537 151,386	665,151 9,082 11,065 70,175 133,403 280,397 161,029	709,645 9,814 11,803 75,550 143,297 299,324 169,857	764,303 10,751 12,722 82,190 156,145 320,930 181,565	7.44 8.36 6.67 8.60 8.52 7.53 5.96	7.70 9.55 7.78 8.79 8.97 7.22 6.89	12,593 12,000 14,696 12,736 13,966 12,703 11,440	13,407 12,719 15,371 13,642 15,065 13,581 11,953	14,556 13,662 16,660 14,847 16,442 14,867 12,730	15,529 14,590 17,756 15,980 17,626 15,786 13,573	16,491 15,498 18,876 16,934 18,793 16,821 14,281	17,678 16,696 20,457 18,124 20,352 18,004 15,212	110 105 128 111 122 111 100	114 108 132 117 131 116 98	9 5 2 6 20
Great Lakes Illinois Indiana Michigan Ohio Wisconsin	469,844 141,841 56,447 101,228 117,766 52,562	493,266 147,786 59,036 107,437 123,972 55,035	539,149 161,426 65,015 118,047 134,761 59,900	570,503 169,921 68,378 127,264 142,033 62,906	602,131 179,076 72,217 135,320 148,929 66,590	637,451 190,430 76,961 141,618 157,580 70,862	6.29 6.07 6.40 6.95 6.00 6.16	5.87 6.34 6.57 4.65 5.81 6.42	11,292 12,355 10,293 11,101 10,927 11,073	11,883 12,858 10,783 11,866 11,542 11,590	12,966 14,007 11,839 13,030 12,545 12,576	13,700 14,728 12,433 14,008 13,219 13,174	14,432 15,503 13,124 14,807 13,857 13,923	15,212 16,442 13,914 15,393 14,612 14,742	98 108 90 97 95 96	98 106 90 99 94 95	11 32 19 24 22
Plains Iowa Kansas Minnesota Missouri Nebraska North Dakota South Dakota	192,722 31,569 28,459 47,734 53,723 17,576 7,070 6,590	200,485 31,790 29,471 50,027 57,091 17,987 7,361 6,760	220,093 34,763 31,789 55,824 62,525 19,778 7,930 7,483	232,873 36,208 33,855 59,289 66,729 20,829 8,163 7,801	245,931 37,999 35,667 63,173 70,618 21,683 8,441 8,351	260,850 40,348 37,450 67,624 74,945 22,845 8,738 8,900	6.24 5.03 5.64 7.22 6.89 5.38 4.33 6.19	6.07 6.18 5.00 7.05 6.13 5.36 3.52 6.58	11,108 10,857 11,811 11,549 10,868 11,055 10,520 9,489	11,510 10,945 12,137 12,069 11,500 11,266 10,804 9,673	12,570 11,972 13,022 13,409 12,494 12,323 11,549 10,613	13,269 12,570 13,826 14,149 13,256 12,982 11,921 11,017	13,998 13,335 14,503 14,995 13,946 13,572 12,440 11,803	14,792 14,236 15,126 15,927 14,687 14,328 13,004 12,550	97 95 103 101 95 96 92 83	96 92 98 103 95 93 84 81	29 21 13 23 25 35 39
Southeast Alabama Arkansas Florida Georgia Kentucky Louisiana Mississippi North Carolina South Carolina Tennessee Virginia West Virginia	34,851 19,855 118,530 55,787 34,281 44,863 20,551 55,867 28,048 42,969 63,837	577,331 37,093 21,158 130,641 61,211 35,340 46,456 21,431 60,722 30,329 45,745 69,310 17,895	634,235 40,349 23,309 143,926 68,920 38,732 48,798 23,159 67,851 33,476 50,360 76,452 18,902	681,058 43,038 24,825 158,315 75,376 40,168 50,638 24,143 73,029 35,783 53,681 19,553	726,825 45,736 26,135 170,994 82,069 41,985 50,539 25,361 78,654 38,162 57,523 89,372 20,296	783,155 48,753 27,481 187,365 88,977 44,945 51,174 27,013 85,382 41,110 62,533 97,515 20,907	7.83 6.94 6.72 9.59 9.79 5.57 2.67 5.62 7.95 7.79 8.84	7.75 6.60 5.15 9.57 8.42 7.05 1.26 6.51 8.75 7.72 8.71 9.11	9,876 8,837 8,604 11,315 9,867 9,277 10,234 8,006 9,281 8,710 9,208 11,631 9,007	10,484 9,361 9,098 12,143 10,673 9,513 10,460 8,297 9,987 9,323 9,753 12,469 9,115	11,367 10,111 9,935 13,021 11,794 10,403 10,937 8,912 10,999 10,157 10,652 13,567 9,685	12,044 10,705 10,523 13,921 12,618 10,775 11,291 9,239 11,665 10,734 11,263 14,472 10,099	12,687 11,293 11,025 14,622 13,454 11,238 9,663 12,423 11,286 11,984 15,423 10,587	13,497 11,940 11,507 15,584 14,300 12,059 11,473 10,292 13,314 12,004 12,880 16,517 11,020	86 777 75 99 86 81 89 70 81 76 80 101 78	87 77 74 101 92 78 66 86 78 83 107 71	43 46 17 28 41 47 50 34 42 36 10 49
Southwest Arizona New Mexico Oklahoma Texas	259,155 29,756 13,012 36,713 179,673	272,359 32,750 13,796 36,925 188,888	296,109 36,800 14,979 38,824 205,505	318,106 40,954 16,248 40,209 220,694	327,496 44,857 16,944 40,493 225,203	340,131 48,466 17,812 41,069 232,783	5.59 10.25 6.48 2.27 5.32	3.86 8.05 5.13 1.42 3.37	11,339 10,316 9,506 11,390 11,684	11,592 11,072 9,840 11,133 11,941	12,401 12,077 10,499 11,692 12,777	13,081 12,955 11,203 12,124 13,466	13,231 13,679 11,459 12,249 13,494	13,634 14,315 11,875 12,551 13,866	99 90 83 99 102	88 92 77 81 90	26 44 38 33
Rocky Mountain Colorado Idaho Montana Utah Wyoming	76,356 38,822 9,079 8,118 14,091 6,246	80,934 41,542 9,778 8,504 14,998 6,112	86,932 44,947 10,357 8,922 16,426 6,280	91,450 47,461 10,863 9,095 17,496 6,536	94,847 49,364 11,192 9,583 18,253 6,455	98,534 51,369 11,847 9,992 19,095 6,231	5.23 5.76 5.47 4.24 6.27 —.05	3.89 4.06 5.85 4.27 4.61 -3.46	11,028 12,639 9,284 10,084 9,041 12,235	11,457 13,196 9,894 10,424 9,400 11,887	12,162 14,094 10,363 10,836 10,120 12,246	12,673 14,678 10,823 11,021 10,642 12,827	13,070 15,114 11,172 11,726 10,968 12,723	13,546 15,584 11,868 12,347 11,366 12,709	96 110 81 88 79 107	77	16 45 40 48 37
Far West California Nevada Oregon Washington	328,033 10,956 28,263	448,600 352,438 11,600 30,010 54,552	492,579 389,183 12,678 32,302 58,416	531,841 422,142 13,791 33,955 61,953	570,474 453,404 14,949 35,778 66,343	618,513 492,989 16,484 38,245 70,795	8.12 8.49 8.51 6.24 6.60	8.42 8.73 10.27 6.89 6.71	12,838 13,235 12,499 10,581 12,018	13,524 13,926 12,962 11,271 12,675	14,606 15,096 13,846 12,055 13,431	15,463 16,016 14,671 12,628 14,060	16,237 16,792 15,453 13,239 14,866	17,213 17,821 16,366 14,041 15,599	112 115 109 92 105	106 91	7 12 30 15
Alaska Hawaii	7,739 11,732	8,758 12,875	9,140 13,628	9,777 14,576	9,780 15,634		4.35 7.67	-2.09 8.56	17,360 11,760	18,134 12,641	18,090 13,157	18,726 13,867	18,378 14,683	18,230 15,679	151 102	118 101	4 14
					<u> </u>		Cen	sus Regions									
New England Middle Atlantic East North Central West North Central South Atlantic East South Central West South Central West South Central Mountain Pacific		139,609 293,427	220,093 492,854 152,601 316,437 151,389	201,904 574,829 570,503 232,873 534,889 161,029 336,365 162,444 542,402	602,131 245,931 576,714 170,605 342,370 171,596	183,244 352,507 181,297	8.83 7.30 6.29 6.24 8.84 6.68 4.63 6.87 8.03	9.15 7.54 5.87 6.07 8.71 7.41 2.96 5.65 8.20	12,551 11,292 11,108 10,714 8,919 11,114	13,539 13,357 11,883 11,510 11,473 9,338 11,328 11,290 13,578	14,904 14,501 12,966 12,570 12,467 10,146 12,072 12,075 14,634	15,944 15,455 13,700 13,269 13,301 10,645 12,669 12,723 15,485	12,744	18,579 17,595 15,212 14,792 15,040 11,985 13,100 13,769 17,206	97 94	98 96 97 77 85 89	

^{1.} The personal income level shown for the United States differs from that in the national income and product accounts, primarily because it omits the earnings of Federal civilian and military personnel stationed abroad and of U.S. residents who are employed abroad temporarily by private U.S firms.

Table 2.—Total and Per Capita Disposable Personal Income by States and Regions, 1982-87

				To	otal							Per	capita				_
State and region			Millions	of dollars			Avg. annu				Dol	lars			Perce	ent of	Rank
State and region	1982	1983	1984	1985	1986	1987	1982-87	1986-87	1982	1983	1984	1985	1986	1987		1987	U.S 1987
United States	2,255,123	2,424,880	2,662,051	2,831,775	3,011,136	3,199,087	7.24	6.24	9,721	10,350	11,257	11,862	12,489	13,143	100	100	
New England Connecticut Maine Massachusetts New Hampshire Rhode Island. Vermont	37,771 9,366 61,590 9,633 9,145	143,807 41,375 10,175 66,632 10,722 10,061 4,842	160,274 46,002 11,294 74,449 12,221 11,008 5,300	171,066 48,579 12,095 79,637 13,451 11,648 5,657	185,433 52,534 13,163 86,296 14,791 12,478 6,170	201,328 57,110 14,348 93,636 16,240 13,332 6,662	8.80 8.62 8.90 8.74 11.01 7.83 7.85	8.57 8.71 9.00 8.51 9.79 6.84 7.97	10,621 12,073 8,220 10,719 10,160 9,596 8,777	11,511 13,166 8,870 11,560 11,183 10,536 9,213	12,743 14,573 9,759 12,847 12,495 11,466 10,000	13,509 15,299 10,383 13,677 13,472 12,048 10,572	14,553 16,452 11,231 14,792 14,397 12,802 11,404	15,674 17,784 12,092 15,992 15,363 13,522 12,153	109 124 85 110 105 99 90	119 135 92 122 117 103 92	1 29 3 5 14 28
Mideast Delaware District of Columbia Maryland New Jersey New York Pennsylvania	444,958 5,836 7,424 44,716 88,004 182,964 116,014	481,873 6,375 7,838 49,001 96,464 199,888 122,309	526,033 6,920 8,574 54,276 105,953 219,711 130,600	559,176 7,479 9,095 58,945 113,678 231,170 138,808	597,192 8,085 9,730 63,477 122,538 246,682 146,680	637,813 8,740 10,390 68,604 132,575 261,319 156,184	7.47 8.41 6.96 8.94 8.54 7.39 6.13	6.80 8.10 6.79 8.08 8.19 5.93 6.48	10,497 9,729 11,846 10,467 11,844 10,410 9,763	11,321 10,511 12,551 11,399 12,916 11,312 10,282	12,313 11,267 13,745 12,485 14,094 12,394 10,982	13,055 12,015 14,595 13,423 15,020 13,015 11,700	13,877 12,767 15,559 14,228 16,071 13,863 12,333	14,753 13,572 16,708 15,128 17,280 14,660 13,085	108 100 122 108 122 107 100	112 103 127 115 131 112 100	13 7 2 8 19
Great Lakes Illinois Indiana Michigan Ohio Wisconsin	399,749 121,127 47,945 86,010 100,339 44,328	422,335 127,327 50,372 91,452 105,988 47,196	463,757 139,042 56,201 100,991 116,194 51,329	489,108 146,301 58,696 107,947 121,858 54,306	517,261 154,508 62,032 115,250 127,962 57,508	544,317 163,134 65,578 120,195 134,291 61,119	6.37 6.14 6.46 6.92 6.00 6.64	5.23 5.58 5.72 4.29 4.95 6.28	9,608 10,551 8,743 9,433 9,310 9,338	10,174 11,078 9,201 10,101 9,868 9,939	11,153 12,064 10,234 11,147 10,817 10,776	11,746 12,680 10,673 11,882 11,341 11,373	12,398 13,377 11,273 12,611 11,906 12,024	12,990 14,085 11,856 13,065 12,453 12,715	99 109 90 97 96 96	99 107 90 99 95 97	9 33 20 25 22
Plains. lowa Kansas Minnesota Missouri Nebraska North Dakota South Dakota	161,926 26,587 23,720 39,667 45,266 14,726 6,140 5,820	170,588 27,021 24,896 41,718 49,025 15,457 6,419 6,052	189,248 30,083 27,139 47,079 53,832 17,291 7,103 6,721	199,995 31,298 28,623 49,844 57,662 18,233 7,243 7,092	212,260 32,891 30,322 53,673 61,259 18,979 7,530 7,606	223,538 34,612 31,584 57,046 64,599 19,898 7,730 8,069	6.66 5.42 5.89 7.54 7.37 6.20 4.71 6.75	5.31 5.24 4.16 6.29 5.45 4.84 2.65 6.08	9,333 9,144 9,844 9,597 9,157 9,262 9,137 8,379	9,793 9,303 10,253 10,065 9,875 9,682 9,422 8,659	10,809 10,360 11,117 11,309 10,757 10,774 10,345 9,531	11,395 10,866 11,689 11,895 11,455 11,364 10,577 10,016	12,081 11,542 12,329 12,740 12,098 11,880 11,098 10,750	12,676 12,213 12,757 13,436 12,659 12,479 11,504 11,377	96 94 101 99 94 95 94 86	96 93 97 102 96 95 88 87	27 21 16 23 24 34 35
Southeast Alabama Arkansas Florida Georgia Kentucky Louisiana Mississippi North Carolina South Carolina Tennessee Virginia West Virginia	458,087 29,767 17,018 100,350 47,181 29,521 38,316 17,683 47,975 24,016 37,373 58,743 15,144	496,484 31,738 18,412 112,902 51,521 30,690 40,264 18,488 52,333 26,043 39,824 58,857 15,414	546,950 34,844 20,127 124,279 58,010 33,684 42,610 20,012 58,693 28,995 44,235 65,146 16,316	582,796 36,604 21,622 135,461 62,994 34,610 44,061 20,908 61,934 46,746 70,033 17,092	623,315 38,853 22,856 146,678 68,787 36,257 44,064 21,977 66,885 32,746 50,313 76,142 17,757	667,657 41,108 23,878 160,076 74,151 38,591 44,305 23,274 72,074 35,062 54,420 82,528 18,188	7.83 6.67 7.01 9.79 9.46 5.51 2.95 5.65 5.65 8.48 7.86 7.81 8.96 3.73	7.11 5.81 4.47 9.13 7.80 6.44 .55 5.90 7.76 7.07 8.16 8.39 2.43	8,423 7,548 7,375 9,580 8,345 7,989 8,741 6,889 7,970 7,458 8,009 9,792 7,719	9,016 8,009 7,917 10,494 8,983 8,261 9,066 7,157 8,607 8,607 8,607 8,491 10,589 7,851	9,803 8,731 8,578 11,244 9,927 9,047 9,550 7,701 9,514 8,797 9,356 11,561 8,360	10,306 9,105 9,166 11,911 10,546 9,284 9,825 8,001 9,893 9,218 9,808 12,284 8,828	10,880 9,594 9,642 12,543 11,276 9,731 9,794 8,374 10,564 10,482 13,140 9,263	11,507 10,068 9,998 13,314 11,918 10,354 9,933 8,868 11,239 10,238 11,209 13,979 9,587	87 78 76 99 86 82 90 71 82 77 82 101 79	88 77 76 101 91 79 76 67 86 78 85 106	45 46 17 31 41 47 50 36 42 37 10
Southwest Arizona New Mexico Oklahoma Texas	218,577 25,511 11,132 30,143 151,792	234,155 28,364 12,066 31,406 162,319	255,256 32,179 12,783 32,967 177,326	272,936 35,600 14,063 32,669 190,604	281,378 39,124 14,661 32,891 194,702	289,805 42,079 15,170 33,014 199,542	5.80 10.53 6.39 1.84 5.62	2.99 7.55 3.48 .37 2.49	9,564 8,844 8,133 9,351 9,871	9,966 9,589 8,606 9,469 10,261	10,690 10,560 8,960 9,928 11,025	11,224 11,262 9,696 9,851 11,630	11,368 11,931 9,915 9,950 11,666	11,617 12,428 10,113 10,089 11,886	98 91 84 96 102	88 95 77 77 90	26 43 44 32
Rocky Mountain Colorado Idaho Montana Utah Wyoming	64,517 32,448 7,840 7,048 12,022 5,158	69,554 35,575 8,652 7,238 13,058 5,030	75,101 38,762 9,154 7,705 14,218 5,263	78,540 40,520 9,543 7,987 15,035 5,456	81,515 42,108 9,846 8,419 15,757 5,385	83,957 43,374 10,386 8,730 16,341 5,126	5.41 5.98 5.78 4.37 6.33 13	3.00 3.00 5.48 3.70 3.71 -4.82	9,318 10,564 8,017 8,755 7,714 10,105	9,846 11,300 8,755 8,873 8,184 9,742	10,507 12,155 9,159 9,358 8,760 10,263	10,884 12,532 9,508 9,678 9,145 10,707	11,233 12,892 9,828 10,302 9,468 10,615	11,542 13,158 10,404 10,788 9,727 10,454	96 109 82 90 79 104	88 100 79 82 74 80	18 40 38 48 48 39
Far West California Nevada Oregon Washington	358,599 280,812 9,344 23,806 44,637	387,653 303,927 10,135 25,634 47,957	425,758 335,105 10,804 27,926 51,923	457,081 361,501 11,665 29,020 54,895	490,757 388,371 12,750 30,795 58,842	527,842 418,763 13,997 32,576 62,506	8.04 8.32 8.42 6.47 6.97	7.56 7.83 9.78 5.78 6.23	10,996 11,330 10,659 8,912 10,433	11,687 12,009 11,325 9,628 11,143	12,625 12,998 11,799 10,422 11,938	13,290 13,715 12,409 10,793 12,458	13,968 14,384 13,179 11,395 13,185	14,690 15,138 13,896 11,960 13,773	113 117 110 92 107	112 115 106 91 105	6 11 30 12
Alaska Hawaii	6,425 10,213	7,331 11,100	7,788 11,886	8,485 12,593	8,520 13,505	8,260 14,571	5.15 7.37	-3.06 7.90	14,413 10,238	15,179 10,898	15,414 11,475		16,010 12,684	15,724 13,461	148 105	120 102	4 15
					·		Cens	us Regions		· ·		· · · ·		·			
New England. Middle Atlantic East North Central West North Central South Atlantic East South Central West South Central West South Central Mountain. Pacific		143,807 418,660 422,335 170,588 380,281 120,739 252,401 120,118 395,950	160,274 456,264 463,757 189,248 421,208 132,774 273,030 130,868 434,628	171,066 483,656 489,108 199,995 453,765 138,868 288,955 139,869 466,493	185,433 515,900 517,261 212,260 490,287 147,400 294,513 148,049 500,032	201,328 550,078 544,317 223,538 529,815 157,393 300,739 155,202 536,676	8.80 7.29 6.37 6.66 8.87 6.60 4.86 7.03 7.96	8.57 6.62 5.23 5.31 8.06 6.78 2.11 4.83 7.33	10,621 10,491 9,608 9,333 9,040 7,688 9,381 9,168 11,028	11,511 11,305 10,174 9,793 9,781 8,076 9,744 9,751 11,723	12,743 12,286 11,153 10,809 10,654 8,828 10,416 10,438 12,653	13,509 13,003 11,746 11,395 11,284 9,180 10,884 10,955 13,318	14,553 13,826 12,398 12,081 11,976 9,697 10,963 11,404 13,982	15,674 14,695 12,990 12,676 12,710 10,294 11,176 11,787 14,690	109 108 99 96 93 79 97 94 113	119 112 99 96 97 78 85 90 112	

Table 3.—Personal Income by
[Millions

				·											<u>.</u>	Millions
Line	Item	U	nited Stat	es	Ne	w Englar	nd	Co	nnectic	ıt		Maine		Ma	assachus	etts
	Tem	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987
	Income by Place of Residence															
1 2 3	Total personal income (lines 6-11)	3,317,239 3,278,334	3,521,393 3,478,153	3,768,125 3,718,473	201,904 201,302	218,629 217,961	238,639 237,912	57,847 57,708	62,418 62,249	68,291 68,120	13,834 13,736	15,056 14,971	16,558 16,406	94,760	102,884 102,671	112,085 111,897
3	Farm income (line 17) 1	38,905	43,240	49,652	603	668	728	138	168	171	98	85	152	184	213	187
5	Population (thousands) 2	238,736 13,895	241,096 14,606	243,400 15,481	12,663 15,944	12,742 17,158	12,844 18,579	3,175 18,217	3,193 19,547	3,211 21,266	1,165 11,876	1,172 12,846	1,187 13,954	5,823 16,305	5,834 17,635	5,855 19,142
	Derivation of Total Personal Income										*					.
6 7	Earnings by place of work (line 12-16 or 17-84)	2,410,563 148,710	2,566,850 160,498	171,342	145,399 8,833	9,852	174,991 10,776	41,094 2,577	44,673 2,850	49,361 3,123	9,613 557	10,528 617	11,733 680	70,731 4,174	77,094 4,674	84,704 5,101
8 9 10	Plus: Adjustment for residence 4 Equals: Net earnings by place of residence Plus: Dividends, interest, and rent 5	2 261 319	515 2,405,837 594,241	530 2,585,415 634,004	3,040 139,606 35,000	3,182 152,106 37,532	3,414 167,629 40,633	2,431 40,948 10,496	2,588 44,411 11,221	2,786 49,024 12,153	9,065 2,234	50 9,961 2,447	67 11,121 2,668	-1,213 65,344 16,311	-1,155 71,265 17,387	-1,247 78,356 18,794
11	Plus: Transfer payments	489,973	521,315	548,706	27,299	28,991	30,377	6,403	6,786	7,114	2,534	2,648	2,770	13,289	14,232	14,934
	Earnings by Place of Work															
12 13	Components of earnings: Wages and salaries Other labor income	1,967,167 187,427	2,085,781 195,982	2,238,852 207,731	119,976 11,959	130,881 12,679	144,472 13,726	34,206 3,647	37,257 3,790	41,248 4,099	7,619 807	8,328 868	9,239 960	58,704 5,597	63,876 5,929	70,347 6,405
14 15	Proprietors' income 6	255,969 30,321	285,087 34,757	310,704 40,739	13,464 411	15,216 480	16,793 531	3,241 93	3,626 123	4,015 123	1,187 49	1,333 37	1,534 102	6,429 137	7,289 167	7,952 140
16	Nonfarm 6	225,648	250,330	269,965	13,052	14,736	16,262	3,148	3,503	3,891	1,138	1,296	1,432	6,293	7,122	7,812
17	Earnings by Industry	38,905	43,240	49,652	603	668	728	138	168	171	98	85	152	184	213	187
18	Farm Nonfarm Private	2,371,658	2,523,610 2,117,421	2,707,635 2,274,073	144,797 126,481	158,107 138,596	174,264 152,968	40,956 36,283	44,504 39,577	49,190 43,705	9,515 7,739	10,443 8,590	11,581 9,573	70.547	76.881	84,516 74,528
20 21	Agricultural services, forestry, fisheries, and other 7 Agricultural services	11,405 9,446	11,747 9,417	13,365 10,734	659 438	811 487	967	127 120	141 133	174 164	102 32 70	142 34	170 41	61,955 319 212	241	463 282
22 23	Forestry, fisheries, and other 7	40,146	2,330 29,701	2,631 28,877	221 572	324 110	582 385 228 29 59	220 220	8 61	9	70 32 0	108	129	106 223	152 30	181 82
24 25	Coal mining Oil and gas extraction Metal mining		7,962 16,713 1,691	7,612 15,919 1,842	(P) 439	$ \begin{array}{r} 36 \\ -44 \\ 2 \end{array} $	59 59	(D) 153	-10 (^D)	22	29	(P)	(P)	(P) 186	-19 (D)	82 (P) 27 (P)
19 20 21 22 23 24 25 26 27 28	Nonmetallic minerals, except fuels Construction	3,095	3,335 165,435	3,504 176,606	93 9,161	116 10,789	137 12,606	30 2,568	35 2,922	(P) 22 (P) 43 3,436	1 2 699	(P) 850	(P) 1,042	(P) 36 3,966	48 4,721	53 5,565
29 30	Manufacturing	529,239	543,795	562,790	39,749	40,768	41,780	12,571	12,999	13,296	2,391	2,507	2,625	18,041	18,177	18,513
30 31	Nondurable goods	190,596 38,131 12,318	198,210 39,757 13,164	208,641 41,482 14,245	11,064 1,229 911	11,456 1,272 911	11,954 1,313 943	2,971 362 110	3,116 365 101	3,223 379 100	1,342 138 118	1,366 141	1,394 147 130	4,884 543 404	5,022 562 397	5,315 574 406
33 34	Apparel and other textile products	15,698 20,665	16,039 21,621	16,595 22,574	790 1,906	769 1,963	713 2.047	177 332	189	160 364	57	58 648	48 653	460 685	424 692	412 726
31 32 33 34 35 36 37 38 39 40	Apparel and other textile products Paper and allied products Printing and publishing Chemicals and allied products	34,252 36,925	36,408 38,259	39,217 40,048	2,402 1,670	2,615 1,774	2,908 1,837	664 920	337 718 998	779 1,017	612 92 23 (°) 78 219 1,049	124 58 648 102 23	115 24 7	1,262 597	1,372 615	1,548 647
37 38	Tobacco manufactures	2,215	8,889 2,211	8,776 2,311	88 30	96 32	106 32	30	13 31	15 32	(P) (P)	8 0	7 0 79	63 0 648	66 0 700	74 0 740
40 41	Rubber and miscellaneous plastics products Leather and leather products	18,632 2,531 338,643	19,438 2,424 345,585	20,921 2,472 354,149	1,464 574 28,685 720	1,513 512 29,312	1,550 504 29,826	357 10 9,600	352 12 9,883	363 14 10,073	219	76 186	191 1,231	221 13,156	192	188 13,199
42 43	Durable goods Lumber and wood products Furniture and fixtures	15,174 9,295	16,200 9,777	17,611 10,555	720 357	791 395	884 415	87 91	104 93	120 94	300 (P)	318 22	348 26	113 151	125 178	142 185
42 43 44 45 46	Primary metal industries Fabricated metal products	. 39,678	26,215 40,067	26,284 40,197	1,124 3,120	1,149 3,081	1,160 3,116	463 1,337	458 1,332	457 1,325 1,734	18 75 119	19 69	17 73	364 1,243	394 1,213 3,315	401 1,248 3,707
46 47 48	Machinery, except electrical Electric and electronic equipment Transportation equipment excluding motor	66,268 61,787 39,028	65,244 62,771 42,736	66,543 64,115 45,280	6,174 7,073 4,886	6,279 7,101 5,123	6,713 6,678 5,254	1,337 1,552 1,698 3,037	1,332 1,735 1,558 3,227	1,734 1,624 3,345	203 253	1,141 318 22 19 69 122 223 302	125 238 326	3,473 3,833 1,256	3,943	3,418 1,230
49	vehicles. Motor vehicles and equipment		36,104	35,653	355	340	318	90	99	98 168	(0)		4	228 337	195	171
50 51 52	Stone, clay, and glass products	15,831 20,580 8,114	16,379 21,675 8,417	16,913 22,091 8,907	697 2,900 1,279	711 3,025 1,315	775 3,125 1,386	152 832 261	154 867 257	168 841 267	29 9 15	2 35 14 16	43 16 16	337 1,720 439	329 1,782 442	346 1,879 472
53 54	Transportation and public utilities	. 13,434	12,709	189,455 11,981	7,845 280	8,123 264	8,926 264	(P)	(D)	2,459 (P) 568	584 58	616 49	673 41	3,936 130	136	4,431 153
56 57	Trucking and warehousing. Water transportation Other transportation ⁶	43,063 5,454 30,675	44,960 5,191 34,534		1,822 161 1,368	1,961 172 1,499	2,192 192 1,638		488 (P) (P)	(P) (D)	207 15	224 16 56	252 18 62 156	839 (P)	889 (P)	969 (P)
58 59	Communication Electric, gas, and sanitary services	45,988		48,112 37,900	2,489 1,724	2,366 1,860	2,585 2,054	691	642	705 627	15 47 142 115	147 125	156 145	1,296 784	1,210	1,338 944
60 61	Wholesale trade	157,720	165,386	175,864	9,140	10,016	11,366	2,743	2,956 4,208	3,292 4,749	499 1,095	553	616	4,580 6,947	5,043 7,771	5,805 8,529
62 63 64	Retail trade	. 156,326	252,873 177,804 62,249	269,770 199,423 67,244	14,361 10,100 3,090	16,223 11,912 3,637	18,088 14,071 4,213	3,546	4,208 4,178 1,053	4,965 1,233	419 157	1,246 504 182	1,393 585 202	4,882 1,565	5,739	6,762 2,123
	Other finance, insurance, and real estate 9	100,425	115,555			8,274	9,859	2,650	3,125	3,732	262	322	382	3,317	3,890	4,639
65 66 67	Services	. 16,646	591,020 17,615 26,459	657,923 19,174 28,408	34,896 810 1,437	39,845 906 1,597	44,937 1,046 1,757		9,889	11,240 169 495	1,917 78 106	2,172 83 117	2,462 95 129	19,062 396 666	445	24,378 505 800
- 68 69	Personal services Private households Business services	8,863 115,046	8,907	9,019	396 7,715	396 9,155	400	124	446 124 2,322	125	200	45 247	46	155	154	155
70 71	Miscellaneous repair services	22,190 9,695	24,174 10,442	26,093 10,880	1,249 482	1,424 570	1,579 613	294 123	331	2,588 372 161	90 33 34	101 41	285 122 46	4,661 623 246	5,518 707 285	306
72 73	Amusement and recreation services	. 6,089	14,736 6,330	16,137 7,169	616	708 145	798 159	41	42	230 42	6	5	45	292	334 86	372 98
68 69 70 71 72 73 74 75 76 77 78	Health services	. 158,554 42,599 . 23,201	171,374 48,826 24,554	56,863	10,881 2,406 3,102	11,772 2,850 3,362	13,290 3,362 3,657	597	709	3,520 843 711	781 136 93	837 157 104	942 185 112	5,537 1,334 1,901	1,584	6,648 1,865 2,274
77 78	Social services Social services Museums, botanical, zoological gardens	13,868	15,543 700	17,361 777	1,096	1,259 72	1,471	240 12	276	323 15	93 77 2	104 88 2	98	585 45	677	799 58
79 80	Membership organizations Miscellaneous services	. 20,895	22,109 69,711	23,570	1,009	1,098	1.196	290	312	340	73 161	77	83 268	482	530	580 2,929
81 82 83	Government and government enterprises	384,161 84,437	406,189 84,731	433,562 89,909	18,316 3,363	19,511 3,396	21,296 3,641	4,673 659	4,927 669	5,485 736	1,776	1,854 481	2,007	8,592 1,611	9,239 1,637	9,988 1,731
83 84	Military State and local	38,781 260,943	40.576	42,377	1,293	1,373 14,742	1,423	351 3,663	364 3,894	382 4,367	493 234 1,048		509 252 1,247	412 6,569	450	454
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See footnotes at end of table.

Major Sources, 1985-87

of dollars]

New	Hampsl	nire	Ri	ode Islar	nd		Vermont			Mideast			Delaware		Distri	ct of Colu	ımbia		Maryland		T in a
1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987	Line
15,349 15,316 33	16,845 16,806 39	18,529 18,492 37	13,305 13,257 48	14,219 14,171 49	15,337 15,291 46	6,626 6,524 101	7,207 7,093 113	7,840 7,705 135	665,151 662,953 2,197	709,645 707,265 2,380	764,303 761,676 2,627	9,082 8,959 123	9,814 9,649 165	10,751 10,610 141	11,065 11,065	11,803 11,803	12,722 12,722	70,175 69,854 321	75,550 75,184 366	82,190 81,819 371	1 2 3
998 15,373 10,208 604	1,027 16,396 11,480 688	1,057 17,529 12,805 762	967 13,763 9,088 671	975 14,589 9,872 744	986 15,555 10,752 805	535 12,383 4,666 250	541 13,320 5,128 279	548 14,302 5,636 306	42,832 15,529 482,207 32,048	43,033 16,491 518,755 35,117	43,234 17,678 563,079 37,884	622 14,590 7,209 591	633 15,498 7,688 638	644 16,696 8,499 704	623 17,756 19,254 1,338	625 18,876 20,313 1,436	622 20,457 21,973 1,523	4,391 15,980 45,670 2,956	4,461 16,934 49,557 3,217	4,535 18,124 54,309 3,503	8
1,528 11,132 2,510 1,708	1,451 12,243 2,792 1,811	1,541 13,584 3,046 1,898	247 8,664 2,270 2,371	188 9,316 2,424 2,480	194 10,141 2,606 2,590	38 4,454 1,179 993	4,911 1,262 1,035	73 5,403 1,366 1,071	-6,438 443,722 117,140 104,289	35,117 -6,570 477,068 122,152 110,426	-7,067 518,128 131,003 115,172	7,209 591 -233 6,385 1,530 1,167	-139 6,910 1,643 1,261	-168 7,626 1,793 1,332	- 10,993 6,923 1,684 2,458	11,384 7,493 1,759 2,551	-12,360 8,089 1,888 2,745	6,915 49,629 11,058 9,488	3,217 7,249 53,589 11,915 10,046	7,919 58,725 12,847 10,618	10
8,176 829 1,202 19 1,183	9,165 923 1,393 25 1,367	10,234 1,006 1,566 22 1,544	7,574 724 789 42 747	8,212 781 879 43 836	8,962 837 952 40 913	3,696 355 615 72 543	4,043 389 696 84 612	4,442 420 775 104 670	399,641 36,960 45,606 1,571 44,035	429,186 38,681 50,888 1,759 49,129	466,326 41,217 55,535 1,971 53,564	5,912 659 638 105 533	6,271 695 722 147 575	6,966 755 777 123 655	17,221 1,099 934 934	18,132 1,132 1,049 1,049	19,584 1,275 1,114 1,114	38,570 3,287 3,814 249 3,565	41,764 3,509 4,284 295 3,989	45,803 3,842 4,663 297 4,367	12 13 14 14 16
33 10,175 9,016 38 28 9	39 11,441 10,176 43 33 11	37 12,769 11,350 53 40 13	48 9,040 7,582 49 23 26	49 9,823 8,302 69 25 44	46 10,706 9,072 79 29 50	101 4,565 3,906 24 21	113 5,015 4,309 23 21	135 5,501 4,738 28 26 2	2,197 480,010 402,214 1,613 1,209 403	2,380 516,375 434,017 1,726 1,278 448	2,627 560,452 471,747 1,971 1,470 501	123 7,086 6,110 19 18	165 7,523 6,477 20 19	141 8,357 7,229 24 23	19,254 10,514 167 3 163	20,313 11,451 177 4 173	21,973 12,557 197 5 192	321 45,349 34,990 194 173 21	366 49,191 38,338 223 190	371 53,938 42,391 266 228 39	1' 1: 1: 2: 2: 2:
30 0 11 1,041	10 -4 0 15 1,250	3 0 19 1,369	27 24 3 490	(^D) (^D) 584	(^D) (^D) 680	28 17 0 11 396	(P) (P) 12 463	(P) (P) 14 513	3,180 1,176 1,622 60 321 26,476	1,636 1,111 108 53 364 30,210	1,914 1,064 393 52 406 33,849	28 (P) (P) 603	-2 (^(D) (^(P) 667	6 3 (P) (P) 743	32 (P) 31 (P) (P) 350	(D) (D) (D) (D) 401	8 (P) 7 (P) (P) 438	167 32 116 0 19 3,564	38 29 -14 0 23 4,113	72 30 13 0 30 4,751	20 21 22 23 24 25 26 27 26
2,998 822 75 70 34 163 149	3,145 837 77 74 33 166 164	3,293 884 82 82 31 185 191	2,526 774 62 196 44 50 155 86	2,647 816 67 202 46 52 169	2,703 830 66 212 46 53 179	1,222 271 50 13 17 64 79	1,293 299 58 13 18 66 90	1,349 309 65 14 18 66 95 18	97,613 42,303 6,692 1,520 4,775 3,660 9,308	98,667 43,249 6,937 1,548 4,693 3,707 9,842	101,084 45,073 7,180 1,631 4,746 3,848 10,648	2,588 1,901 162 8 12 67 52 1,457	2,558 1,929 170 (P) (P) 68 57	2,708 2,024 172 (P) 78 64 1,557	524 444 21 1 1 3 395	575 461 20 0 (P) 2 417	622 501 20 0 (P) 2 455	6,096 2,853 591 19 176 247 671	6,140 2,482 626 (P) 168 262 703	6,265 2,552 643 (P) 159 256 764	29 30 31 32 33 34
822 75 70 34 163 149 29 (b) (c) 215 85 2,177 114	32 2 0 212 77 2,308 134	38 1 0 204 70 2,409 153	8 0 137 36 1,752 25	89 7 0 142 40 1,832	94 8 0 136 36 1,873	16 0 0 29 3 952 73 35	17 0 0 30 5 994 81 37	18 0 0 28 5 1,041 92 42	10,705 2,217 185 2,684 556 55,310 1,037	11,048 1,964 162 2,800 548 55,417 1,178	11,546 1,828 113 2,977 556 56,012 1,340	66 0 (P) (P) 688 16	1,466 (P) 0 (P) 629 (P)	1,557 (^D) 0 (^D) 684 (^D) 14	13 9 1 (P) (P) 80 1	13 7 0 (P) (P) 114 (P)	16 6 0 (P) (P) 121 (P) 2	398 30 0 202 19 3,743 75	481 (P) 0 221 19 3,659 76	439 (P) 0 217 20 3,713 84	4
(P) 122 164 775 637 33 (P)	31 122 164 844 640 40	33 133 170 874 650 39	31 141 197 138 286 230	34 139 200 149 313 224	36 133 195 163 315 218	35 18 105 117 415 76	19 104 114 425 90	20 104 111 433 96	1,196 6,097 6,029 11,127 11,449 3,258 3,289	1,266 5,542 6,178 10,961 11,672 3,329 3,080	1,326 5,421 6,257 10,710 11,900 3,473 3,159	(P) 41 33 85 (P)	629 (P) 10 (P) 51 35 (P) (P) 330	(P) 51 37 (P) (P)	(P) 2 7 11 (P) (P)	(P) 2 10 (P) (P) 4	(P) 2 11 (P) (P) 4	71 663 228 548 1,321 305 211	72 539 260 541 1,364 247	65 473 266 529 1,393 318	4 4 4'
74 181 46 491	83 202 47 538 (P)	93 216 46 587 (P)	51 118 506 388 (^D)	53 110 542 421 (^D)	41 57 115 571 458 (P)	54 39 13 284 24	58 49 12 297 21 96	68 58 13 318 17	3,289 3,217 6,513 2,099 34,741 1,853	3,334 6,691 2,185 36,028 1,816	3,450 6,678 2,297 37,879 1,803	(P) 17 22 4 348 39	18 24 3 377 (P) 104	392 21 28 3 447 (P)	909 82 23	6 2 3 927 (P)	959 (P)	210 67 46 2,871 247	200 84 49 2,989 219	226 202 102 53 3,249 194	5 5 5 5
141 4 (P) 160 129 576	161 5 (P) 157 149 650	181 5 (P) 167 163 751	95 14 (P) 130 89	102 17 (P) 138 93	116 19 (P) 142 102 607	92 3 31 71 63 231	37 73 69	106 3 42 76 73	7,081 1,576 6,572 11,001 6,657 33,339	7,509 1,516 7,135 11,003 7,049 35,405	8,278 1,406 7,553 11,420 7,419 38,014	93 15 (P) 54 (P) 280	(P) 54 (P) 303	139 (P) (P) 61 (P) 336	4 (P) 552 (P) 301	26 (P) (P) 547 (P) 311	(P) (P) 556 (P)	695 142 291 855 640 2,789	752 139 377 827 675 3,020	837 135 433 929 721 3,260 6,302	5 5 5 5
576 1,178 514 173 342 2,137 83	1,391 634 211 423 2,516 90	1,618 784 267 517 2,872 100	511 937 540 213 327 2,114 34	1,043 617 244 373 2,361 33	1,164 697 277 419 2,679 37	517 198 86 112 1,006 103 51	254 565 239 97 142 1,165	635 280 110 170	41,725 42,029 13,660 28,369	45,633 48,870 15,522 33,348 135,841 3,647	49,505 56,123 17,077 39,047 151,408 3,999	631 406 233 173 1,204 26 50	690 508 311 197	767 637 397 239 1,563 32 62	753 1,063 425 638 6,414 222	797 1,180 466 713 7,081 241 85	7,895 264 87	5,165 2,692 931 1,761 11,453 214	3,020 5,663 3,136 1,097 2,040 13,014 251 540	6,302 3,567 1,209 2,358 14,657 284 582	1 6
119 27 449 119 33 53	138 27 550 142 39 63	154 28 613 156 42 73 6	96 23 309 75 36 43	107 23 369 86 41 48 3	117 23 439 95 42 52	51 22 122 48 12 19	120 57 23 150 56 15 22 4	1,307 140 63 23 169 61 16 26 6	1,755 2,782	4,649 1,748 32,423 4,127 1,894 3,162 1,259	5,012 1,758 36,185 4,577 2,013 3,504 1,402	50 32 227 61 22 29 2 411	1,353 27 55 32 261 62 23 32 32	62 33 313 73 27 36	222 78 105 1,128 49 19 43 20	105 1,254 54 19 50 23	104	491 217 3,237 410 216 228 33	3,805 463 238 258 36	222 4,433 514 250 289 38	1 6
636 124 170 72 2 64 181	715 151 182 85 2 69 257	836 182 198 99 2 76 307	795 154 209 84 2 73 177	843 178 221 95 3 80 233	941 207 251 109 3 87 272	326 60 94 37 2 27 79	364 70 101 38 2 29 113	403 81 112 41 3 30 132	33,688 11,822 7,388 3,943 199 4,798 12,041	36,475 13,774 7,858 4,530 221 5,067 15,007	41,091 15,943 8,582 5,023 241 5,417 16,659	411 93 44 45 9 54	464 108 47 51 10 58 121	526 133 54 57 11 62 142	850 1,491 601 163 5 878 762	936 1,710 607 172 5 942 878	1,042 1,969 687 202 7 999 962	3,112 679 502 296 2 398 1,419	3,367 796 540 341 2 426 1,733	3,882 914 601 365 3 458 1,821	777778
1,159 201 106 852	1,265 206 112 946	1,419 229 115 1,075	1,457 277 169 1,012	1,521 280 188 1,053	1,634 304 194 1,135	659 121 21 517	706 123 23 560	763 133 26 604	77,796 21,990 3,435 52,371	82,358 21,911 3,593 56,855	88,705 23,148 3,813 61,745	975 148 117 710	1,046 151 122 773	1,128 162 128 838	8,741 6,899 481 1,361	8,862 6,899 512 1,451	9,416 7,293 535 1,587	10,359 4,416 948 4,995	10,853 4,403 1,000 5,450	11,547 4,662 1,032 5,853	8

Table 3.—Personal Income by

[Millions

1.6786 1																	[Millions
Total present income time of 11.	Line	Item	N	ew Jerse	у	N	lew Yor	k	Per	nsylvai	nia	Gr	eat Lak	es		Illinois	
Total personal momen 100		Tielli	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987
Procession for evidence 1,566 6,565 7,665 1,766 1,766 1,766 1,766 1,766 1,767 1,766 1,767 1,		Income by Place of Residence															
Procession for evidence 1,566 6,565 7,665 1,766 1,766 1,766 1,766 1,766 1,767 1,766 1,767 1,	1	Total personal income (lines 6-11)	133,403	143,297	156,145	280,397	299,324	320,930	161,029	169,857	181,565	570,503	602,131 596 266	637,451	169,921	179,076 177,369	190,430 188 742
1,000 1,00	3			269	295	573	621	719	908	960	1,101	5,495	5,865	6,251	1,740	1,706	1,688
Paris Pari	. 4 5	Population (thousands) 2	7,568 17,626	7,625 18,793	7,672 20,352	17,762 15,786	17,795 16,821	17,825 18,004	11,864 13,573	11,894 14,281	11,936 15,212	41,642 13,700	41,722 14,432	41,904 15,212	11,538 14,728	11,551 15,503	11,582 16,442
Components of carriags by Place of Work Wages and estartes 7,900 7,90		· · · · · · · · · · · · · · · · · · ·	-						'								
Components of eartrings Value of Work Value Va	6	Earnings by place of work (line 12-16 or 17-84)	87,857	95,409	104,960	210,576	227,789	246,115	111,641	118,000	127,224	415,087	439,621	466,298	123,916	131,502	140,373
Components of eartrings Value of Work Value Va	8	Less: Personal contributions for social insurance	0,009 11,565 02,782	12,420	13,554	-13,778	15,551 14,779 197 450	-16,078 $-16,072$	1,381	8,020 62 110 041	61 118 684	1,521	1,510	1,645	91 116 178	-17 123 070	0,999 -2 131 413
Components of eartrings Value of Work Value Va	10 11	Plus: Dividends, interest, and rent 5	24,060 15,561	25,316 16,405	27,276 17,231	51,160 46,581	52,379 49,486	56,103 51,462	27,648 29,034	29,140 30,676	31,097 31,784	94,711 85,941	98,893 90,841	104,861 95,003	30,259 23,484	31,434 24,572	33,413 25,605
Type			,			,		,							. ,	ĺ	
Primary Company Comp	10	Components of earnings:	50.050	50 105	07.100	174 000	100.005	004 400	00 100	04.040	100 000	0.41.000	960 609	900 605	100 000	100 050	114 000
Farm	13	Other labor income	7,004	7,366	7,941	15,492	16,215	16,992	9.421	9.765	10.411	35,457	36,932	38,503	9.823	10.279	10,833
Form	15	Farm	205	204	227	329	378	463	683	735	862 13,571	4,441 33,908	4,829	5,171	1,502 11,930	1,471 13,102	1,442
Nemform			ĺ	,		,	,	,	,	,	,	,		,	ĺ		_
Private Priv				269	295	573	621	719	908	960	1,101	5,495	5,865		1,740	1,706	1,688
Manufacturing		Private	75.497	82,284	90,701	179,110	193,631	209,007	95,994	101,836	109,862	355.592	376,266	399,378	106,252	112,774	138,685 120,778 426
Manufacturing	21 22	Agricultural services	90	288 31	347	423	440	490	321	337	378	1,195	1,179	1,332	368	357	409 18
Manufacturing	23 24	Mining	322 (P)	43 (D)	116 (^D)	7	1 7	7	1.136	1,075	1,026	1,486	1,385	1,300	688	649	939 597
Manufacturing	25 26	Metal mining	(D)	(D)	(D)	51	44	43	3	2	2	105	115	122	1	0	146 1 195
Apparel and other textule products 707 740 725 2525 2,509 2,509 2,509 1,505	28					10,134	11,582	12,699		7,363			22,868				8,311
Apparel and other feature products 707 749 725 25.05 2.598 2.598 1.598	29 30		20,619 10,947	21,228 11,314	22,027 11,846	38,325 15,773	38,788 15,912	16.525	29,461 10,884	29,377 11,151	30,364 11,626	131,439 36,001	134,051 37,516	39,359	10,571	10.896	29,397 11,388
Apparel and other feature products 707 749 725 25.05 2.598 2.598 1.598	31 32	Food and kindred products Textile mill products	1,476 346	1,589 345	1,646 375	2,321 614	2,337 613	2,392 623	2,122	2,196 557	2,307	7,816 301	8,051 306	8,344 314	2,678 55	62	2,817
Durable goods	33 · 34	Paper and allied products	897	870	878	2,523 1,240	1 225	1,311	1,206	1,270	1 324	4.497	4,770	4,971	841	894	281 945 3,138
Durable goods	36 37	Chemicals and allied products	1,642 4,388 529	1,724 4,561	4,820	2,308	5,022 2,348	2,387	2,141	1,919 2,229 500	2,037	7,243	7,274	8,021	2,074	2,145	2,261 472
Durable goods	38 39	Tobacco manufactures	12 860	11 865	10	132 675	112 719	77 791	41 869	40 917	26 1.003	17	15	15	14	12	12 1,316
## Furniture and fixtures ## 280 275 266 428 465 499 428 443 480 2,074 2,181 2,399 402 393 444 Frimary metal industries ## 280 281	40 41	Leather and leather products	79 9,672	9,914	77 10,181	293 22,551	290 22,876	290 22,573	165 18,577	18,226	168 18,739	372 95,438	358 96,536	96,742	84	82 17,737	18,010
Febricated metal products	43	Furniture and fixtures	260	275	195 266	428	465	499	428	443	682 480	1,678 2,074	1,831	2,399	402	393	243 431 1,907
## Electric and electronic equipment with a sum of the	45	Fabricated metal products Machinery except electrical	1.396	1,433	1.398	1,003	1,860	1,873	2.503	2.572	2,666	14,308	14,536	14,404	3,319	3,403	
Instruments and related products	47 48	Electric and electronic equipment	2,703 162	2,782	2,871	4,505	4,632 1,493	4,726	2,824	2,774	2,779	10,919	11,020	11,046 4,845	3,405 653	3,367 675	3 434
Miscellaneous manufacturing industries	49 50	Motor vehicles and equipment	353 683	296 717	368 737	1.411	1,384 985	1,276 1,025	904 1,379	840 1,408	892 1,459	24.337	24.833	24,235	724	708	652 878 736 976
54 Raifroad transportation. 91 96 106 634 680 645 760 745 724 2,124 2,239 92,130 2,340 2,349 2,304 2,494 8,605 8,808 9,678 2,502 2,563 56 Water transportation 616 649 588 605 530 467 195 177 181 279 275 290 88 86 57 Other transportation 2,447 2,668 2,866 5,410 5,167 5,197 1,682 1,739 1,812 6,495 6,743 6,936 6,241 2,227 2,986 6,666 6,741 5,197 1,682 1,739 1,812 6,495 6,743 6,936 6,741 1,842 1,944 1,482 2,560 2,666 2,140 2,273 2,986 6,724 6,227 2,782 6,666 6,741 6,932 2,713 2,986 6,269 6,248 2,227 2,882 2,273	51 52	Instruments and related products			1,157 523	4,346 1,021	4,438 1,047	4,354 1,095	1,037 542	1,039 589	1,034 619	2,548 1,431	2,622 1,490	2,728 1,581	1,003 509	976 568	612
Trucking and warehousing	54	Railroad transportation		8,087 96						8,362 745	8,806 724	2.514	2,432	30,615 2,293		10,293 917	10,891 901
Section	55	Trucking and warehousing	616	2,130 649	2,377 588	2,062 605	2,193 530	2,406 467	2,219 195	2,304 177	2,494 181	8,605 279	8,908 275	9,673 290	88	86	87
Wholesale trade	58	Communication	2,447	2.668	1,417 2,866	4,015 5,410	4,205 5,167	4,363 5,197	981 1,682	1,124	1,197	3,672 6,495	6,743	6.936	2,369	2,488	2,586
61 Retail trade.	60	•			9 214	15 561	16 272	17 180	6770		1		}	1 .			
Services	61	Retail trade	8,174 5,005	9,084 5,991	10,068 7,159	16,333 26,632	17,826 30,962	19,165 35,424	10,669 6,232	11,574 7.094	12,359 8.052	22,580	+25.156	1 28.083	11,236 9,754	10,770	12,098
Hotels and other lodging places	63 64	Banking and credit agencies	1,504 3,501	1,789 4,201	2,060 5,100	8,213 18,419	9,256 21,706	10,090 25,334	2,354 3,878	2,603 4,491	2,821 5,231	8,042 14,538	8,785 16,371	9,495 18,587	3,041 6,712	3,344 7,426	3,622 8,477
67 Personal services	65 66	Services				55,493 1,073			26,328 566		32,564 643	83,320					
81 Government and government enterprises. 12,088 12,856 13,964 30,894 33,537 36,389 14,739 15,204 16,262 53,999 57,491 60,669 15,924 17,021 82 Federal, civilian 2,321 2,303 2,400 4,429 4,437 4,655 3,777 3,718 3,976 8,928 9,042 9,579 2,919 3,020 83 Military 551 565 608 725 766 870 613 628 639 2,299 2,417 2,572 958 1,031	67	Personal services Private households	761	844	921	1,716	1,844	1,980	1,180	1,281	1,379 265	4,127 903	4,441	4,743	1,273	1,402	1,483
81 Government and government enterprises. 12,088 12,856 13,964 30,894 33,537 36,389 14,739 15,204 16,262 53,999 57,491 60,669 15,924 17,021 82 Federal, civilian 2,321 2,303 2,400 4,429 4,437 4,655 3,777 3,718 3,976 8,928 9,042 9,579 2,919 3,020 83 Military 551 566 608 725 766 870 613 628 639 2,299 2,417 2,572 958 1,031	69 70	Business services and garages	6,770 722	7,663 822	8,650 910	12,755 1,329	14,360 1,418	15,688 1,600	4,504 1,187	5,080 1,308	5,685 1,423	17,122 3,360	19,608 3,633	21,771 3,865	7,356 1,048	8,549 1,155	9,418 1,221
81 Government and government enterprises. 12,088 12,856 13,964 30,894 33,537 36,389 14,739 15,204 16,262 53,999 57,491 60,669 15,924 17,021 82 Federal, civilian 2,321 2,303 2,400 4,429 4,437 4,655 3,777 3,718 3,976 8,928 9,042 9,579 2,919 3,020 83 Military 551 566 608 725 766 870 613 628 639 2,299 2,417 2,572 958 1,031	71 72	Miscellaneous repair services	405	466	511	1 531	1.773	1,988	545	467 582	494 626	1,396	1,905	2,020	485	556	477 592 201
81 Government and government enterprises. 12,088 12,856 13,964 30,894 33,537 36,389 14,739 15,204 16,262 53,999 57,491 60,669 15,924 17,021 82 Federal, civilian 2,321 2,303 2,400 4,429 4,437 4,655 3,777 3,718 3,976 8,928 9,042 9,579 2,919 3,020 83 Military 551 566 608 725 766 870 613 628 639 2,299 2,417 2,572 958 1,031	74 75	Health services	5,311	5,861	6,699	14,425	15,484 7 561	17,226	9.580	10,362	11,716 2 441	28,604 6,208	30,716	34.077	8.061	8,631	9,352
81 Government and government enterprises. 12,088 12,856 13,964 30,894 33,537 36,389 14,739 15,204 16,262 53,999 57,491 60,669 15,924 17,021 82 Federal, civilian 2,321 2,303 2,400 4,429 4,437 4,655 3,777 3,718 3,976 8,928 9,042 9,579 2,919 3,020 83 Military 551 566 608 725 766 870 613 628 639 2,299 2,417 2,572 958 1,031	76 77	Educational services Social services	674	706	766	3,503 2,254	3,776 2,588	4,093 2,850	2,063	2,182	2,380 1,065	3,319	3,445 2,537	2,820	653	1,334 740	1,458 824
81 Government and government enterprises. 12,088 12,856 13,964 30,894 33,537 36,389 14,739 15,204 16,262 53,999 57,491 60,669 15,924 17,021 82 Federal, civilian 2,321 2,303 2,400 4,429 4,437 4,655 3,777 3,718 3,976 8,928 9,042 9,579 2,919 3,020 83 Military 551 565 608 725 766 870 613 628 639 2,299 2,417 2,572 958 1,031	78 79	Museums, botanical, zoological gardens Membership organizations	609	661	725	150	169	183	28 951	1,014	1,080	3,803	1 129	1 146	1,302	1,396	69 1,496
82 Federal, civilian 2,321 2,303 2,400 4,429 4,437 4,655 3,777 3,718 3,976 8,928 9,042 9,579 2,919 3,020 83 Military 551 565 608 725 766 870 613 628 639 2,299 2,417 2,572 958 1,031			1				1			2,911	ł		ł	1	2,748	1	
041	82 83	Federal, civilian	2,321	2,303	2,400	4,429 725	4,437	4,655	3,777	3,718	3,976	8,928	9,042	9,579	2,919	3,020	3,202
84 State and local	84	State and local	9,217	9,988	10,956	25,739	28,334	30,864	10,349	10,858	11,647	42,772	46,032	48,518	12,046	12,970	13,636

See footnotes at end of table.

Major Sources, 1985-87—Continued

of dollars]

or dona	Indiana	1		Michigan	· ·		Ohio	-		Visconsin			Plains	<u> </u>		Iowa		ş -	Kansas		—
1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987	Line
		1001	1305	1300	1001	1308	1360	1301	1300	1550	1901		1300	1001	1355	1000	1001	1000	1300	1501	
68,378 67,568 810	72,217 71,279 938	76,961 75,988 973	127,264 126,591 673	135,320 134,635 685	141,618 140,866 751	142,033 141,054 979	148,929 148,051 877	157,580 156,608 971	62,906 61,613 1,293	66,590 64,932 1,658	70,862 68,995 1,867	232,873 224,157 8,716	245,931 235,194 10,737	260,850 249,284 11,566	36,208 34,144 2,064	37,999 35,265 2,734	40,348 37,457 2,891	33,855 32,560 1,294	35,667 34,069 1,598	37,450 35,740 1,710	1 2 3
5,500 12,433	5,503 13,124	5,531 13,914	9,085 14,008	9,139 14,807	9,200 15,393	10,745 13,219	10,748 13,857	10,784 14,612	4,775 13,174	4,783 13,923	4,807 14,742	17,551 13,269	17,569 13,998	17,634 14,792	2,880 12,570	2,850 13,335	2,834 14,236	2,449 13,826	2,459 14,503	2,476 15,126	4 5
49,837 2,921 745 47,661 11,094 9,624	52,758 3,139 753 50,372 11,583 10,262	56,586 3,357 791 54,021 12,323 10,617	93,604 6,103 703 88,204 19,571 19,488	99,888 6,620 610 93,879 20,676 20,766	104,130 6,873 672 97,929 21,806 21,882	103,716 7,136 -836 95,745 22,775 23,514	108,601 7,575 -780 100,246 23,747 24,986	115,027 7,978 -816 106,234 25,172 26,174	44,014 2,769 817 42,063 11,012 9,832	46,872 2,985 943 44,830 11,454 10,306	50,181 3,189 998 47,991 12,147 10,724	167,650 10,604 -1,516 155,530 43,539 33,804	178,026 11,336 -1,566 165,123 45,059 35,749	189,579 12,048 -1,678 175,853 47,588 37,409	24,363 1,469 295 23,190 7,506 5,512	25,861 1,544 271 24,589 7,634 5,777	27,696 1,660 268 26,305 8,035 6,009	23,521 1,434 832 22,919 6,329 4,607	25,043- 1,537 758 24,264 6,514 4,890	26,252 1,611 846 25,487 6,827 5,135	6 7 8 9 10 11
40,667 4,280 4,890 643 4,248	42,849 4,420 5,490 776 4,714	46,036 4,664 5,887 809 5,078	78,042 9,052 6,510 485 6,025	83,236 9,519 7,133 499 6,634	86,720 9,757 7,654 554 7,099	86,342 8,748 8,626 811 7,816	90,334 9,009 9,258 712 8,546	95,740 9,323 9,964 799 9,165	35,571 3,553 4,890 1,001 3,889	37,534 3,706 5,632 1,371 4,261	40,090 3,925 6,166 1,566 4,600	130,238 12,415 24,997 7,590 17,408	136,353 12,940 28,734 9,644 19,090	145,085 13,650 30,845 10,443 20,402	17,753 1,705 4,906 1,799 3,106	18,263 1,756 5,842 2,480 3,362	19,597 1,874 6,225 2,635 3,590	18,058 1,730 3,733 1,134 2,599	18,930 1,808 4,305 1,442 2,863	19,828 1,891 4,534 1,549 2,984	12 13 14 15 16
810 49,026 42,712 136	45,103 123	973 55,613 48,399 143	673 92,932 80,781 238	685 99,203 86,089 243	751 103,379 89,727 271	979 102,737 89,460 302	877 107,724 93,805 300	971 114,056 99,195 336	1,293 42,721 36,388 195	1,658 45,214 38,494 181	1,867 48,314 41,279 204	8,716 158,934 133,403 729	10,737 167,289 140,509 632	11,566 178,013 149,544 713	2,064 22,300 18,619 161	2,734 23,127 19,300 118	2,891 24,805 20,733 135	1,294 22,226 18,247 95	1,598 23,445 19,216 84	1,710 24,542 20,120 95	17 18 19 20
133 3 480 299 111	120 3 348 261	140 4 363 255 23	218 19 483 1 320	234 10 282 1 98	259 12 340 1	297 5 1,167 499 546	297 2 826 474 212	332 3 849 446 257	179 16 156 1	172 9 48 1	193 12 73 1 12	696 32 1,742 195 968	601 31 1,114 179 392	677 37 1,127 169 399	157 4 102 6 52	115 3 46 6 -4	132 4 64 5 6	93 1 519 16 476	82 2 336 13 294	93 2 305 14 262	20 21 22 23 24 25 26 27
0 69 2,803	8 0 79 3,098	85 3,366	320 88 75 3,895	98 99 84 4,428	148 106 86 4,785	546 9 113 5,020	9 131 5,291	257 8 138 5,887	103 7 45 2,185	-9 7 49 2,466	7 52 2,704	335 244 9,830	284 259 10,780	278 278 281 11,472	0 44 1,172	$\begin{array}{c} -4 \\ 0 \\ 44 \\ 1,233 \end{array}$	0 53 1,298	0 27 1,397	294 0 29 1,546	0 29 1,631	26 27 28
17,727 4,257 863	18,036 4,421 855	18,863 4,759 891	36,752 6,236 1,213	37,930 6,536 1,233	37,141 6,803 1,294	34,774 9,952 1,641	35,242 10,387 1,720	35,691 10,799 1,774	13,769 4,985 1,421	14,211 5,276 1,491	15,009 5,612 1,568	35,125 13,703 4,820	36,252 14,322 5,054	37,790 15,051 5,272	5,406 2,056 1,009	5,447 2,119 1,023	5,963 2,270 1,130	4,577 1,687 621	4,849 1,792 662	4,961 1,867 682	29 30 31
14 132 310 724 1,111 187	15 130 325 773	18 141 345 829 1,282 179	55 681 649 916 1,544 96	748 748 724 948 1,635 130	45 725 726 998 1,699 137	98 268 1,097 1,595 2,177 467	108 269 1,151 1,695 2,290 460	106 260 1,185 1,799 2,406 489	80 96 1,600 819 337 14	76 104 1,677 887 361 14	81 115 1,770 967 373 15	4,820 79 513 1,838 2,879 1,823 277	81 515 1,933 3,041 1,898 284	84 540 2,012 3,232 1,985 291	13 64 108 373 198	15 65 126 398 194	14 66 116 423 192	3 45 96 360 242 118	4 47 98 383 264 124	6 48 103 399 280 127	31 32 33 34 35 36 37 38 39
886 29 13,470 415	13,614 468	1,040 34 14,105 524	1,030 53 30,517 263	1,025 49 31,394 274	0 1,123 55 30,338 314	2,533 73 24,822 330	2,621 72 24,855 374	2,704 72 24,892 423	486 133 8,784 449	540 127 8,936 498	589 133 9,397 564	0 1,163 310 21,422 751	1,218 297 21,930 849	1,324 310 22,738 984	275 10 3,350 106	281 10 3,329 124	0 314 10 3,693 143	199 3 2,890 64	207 3 3,057 63	221 2 3,095 72	40 41 42
399 2,785 1,399 1,896	1.407	2,634 1,468 1,929	762 1,872 4,021 4,468	823 1,902 4,054 4,575	953 1,883 3,953 4,289	319 3,829 4,190 4,968	336 3,631 4,217 4,892	348 3,725 4,061 4,889	191 518 1 379	205 527 1,455 3,097	225 544 1,495 3,241	481 962 2,683 5,917	517 978 2,685 5,702	571 1,008 2,758 5,984	105 259 397 1,393	110 264 405 1,262	124 257 429 1,427	26 74 256 455	25 77 262 474	25 79 270 487	43 44 45 46
2,630 1,010 1,915 493 309 219	2,634 1,021	1,929 2,577 1,064 2,272 557 409 229	1,053 664 16,293 554 381 186	1,157 716 16,720 573 405 193	1,163 755 15,783 628 420 197	2,509 1,987 4,281 1,524 580 306	2,543 2,204 4,215 1,533 595 313	2,542 2,164 4,260 1,521 618 341	3,003 1,322 176 1,060 198 275 211	1,319 208 933 216 278 201	1,329 210 1,043 240 303 202	3,019 2,623 2,233 902 1,373 478	3,002 2,903 2,299 932 1,572 490	3,063 3,198 2,124 985 1,587 476	535 20 214 110 70 142	598 22 226 120 71 128	671 27 249 166 84 117	205 1,180 331 190 74 35	205 1,360 295 193 69 35	205 1,413 246 188 74 36	47 48 49 50 51 52
3,544 385 1,321	3,755 364 1,437	4,029 338 1,599	5,023 357 1,469	5,286 352 1,519	5,642 358 1,578	6,551 621 2,221	6,766 606 2,231	7,011 535 2,388	2,807 218 1,093	2,942 194 1,158	3,043 162 1,252	14,381 2,125 4,365	14,707 2,007 4,575	15,261 1,896 4,925	1,670 222 691	1,712 212 718	1,779 199 790	2,070 464 630	2,131 439 663	2,185 418 696	53 54 55
30 268 725 814	325 755	47 358 797 890	35 542 1,237 1,383	36 696 1,256 1,427	34 847 1,284 1,540	107 548 1,592 1,462	106 620 1,650 1,553	106 669 1,675 1,637	19 281 573 624	17 321 595 657	16 332 595 686	134 2,224 3,036 2,498	109 2,340 3,104 2,572	105 2,503 3,214 2,618	5 85 323 346	6 109 318 349	7 113 319 351	186 391 399	219 401 409	215 432 423	56 57 58 59
2,682 4,756 2,195 857 1,338	5,092 2,456 943	3,053 5,495 2,717 1,011 1,706	5,002 8,061 3,625 1,562 2,063	5,400 8,727 4,095 1,706 2,388	5,876 9,366 4,589 1,870 2,720	6,522 9,755 4,752 1,770 2,982	6,757 10,384 5,344 1,933 3,410	7,145 10,932 5,945 2,090 3,855	2,531 4,142 2,254 812 1,442	2,627 4,413 2,491 859 1,633	2,839 4,662 2,733 903 1,830	12,101 16,465 9,785 3,592 6,192	12,337 17,248 10,885 3,881 7,004	13,212 18,181 11,886 4,038 7,848	1,711 2,353 1,390 526 865	1,707 2,445 1,493 546 947	1,794 2,560 1,603 562 1,040	1,694 2,271 1,235 485 751	1,735 2,384 1,347 518 829	1,813 2,479 1,480 546 934	62
8,390 185 551 105	195 602	10,370 216 645 106	17,703 262 796 178	19,698 305 842 178	21,719 334 901 179	20,617 301 1,047 249	22,896 300 1,102 247	25,400 305 1,185 248	8,349 166 459 94	9,115 164 493 93	10,012 178 528 94	33,245 750 2,017 413	36,554 740 2,212 411	39,903 771 2,348 413	4,654 84 295 70	5,099 80 321 69	5,536 86 338 68	4,389 65 300 64	4,804 61 329 63	5,171 57 341 64	66
1,174 466 190 162	1,377 516 218	1,564 556 212 205	3,568 733 352 347	4,032 781 365 395	4,466 815 384 412	3,398 770 292 504	3,801 819 312 554	4,283 882 350 585	1,627 343 132 200	1,849 362 143 211	2,040 392 151 225	6,419 1,716 652 701	7,204 1,895 743 783	7,889 1,993 779 832	919 243 92 68	1,042 265 107 80	1,130 279 108 83	926 253 138 65	1,029 275 154 73	1,107 286 164 74	70 71 72
3,395 523 374	29 3,638 588	28 4,113 661 429	101 6,093 1,158 444	103 6,571 1,283 448	103 7,382 1,480 495	7,837 1,388 862	45 8,424 1,553 915	48 9,425 1,774 1,010	3,217 536 336	3,453 585 350	3,805 665 375	145 11,629 2,360 1,387	150 12,367 2,650 1,473	155 13,724 2,988 1,596	12 1,651 370 223	13 1,743 416 237	13 1,939 456 255	10 1,509 270 102	11	10 1,749 332 117	73 74 75 76
245 8 417 564	269 9 432	306 10 453	498 14 819 2,341	547 16 873 2,960	605 18 926 3,219	615 36 904 2,370	669 39 945 3,171	734 44 991 3,536	296 4 360 563	311 5 385 695	351 5 411 777	1,367 1,089 31 1,363 2,574	1,181 37 1,435 3,273	1,274 40 1,505 3,595	145 2 195 285	156 2 205 364	165 2 216 395	105 2 163 417	113 2 169	123 2 174 570	77 78 79 80
6,314 1,175 286	6,717 1,196 316	7,214 1,260 356	12,150 1,581 335	13,114 1,583 353	13,652 1,682 374	13,277 2,530 526	13,919 2,517 508	14,861 2,658 533	6,333 722 194	6,720 725 209	7,035 776 240	25,531 4,854 1,975	26,781 4,889 2,086	28,469 5,211 2,266 20,992	3,681 518 63	3,827 529 71	4,073 564 79	3,979 687 592	4,229 705 626	4,422 744 668	8: 8: 8:
4,853	5,205	5,597	10,234	11,179	11,595	10,221	10,894	11,670	5,417	5,786	6,020	18,701	19,805	20,992	3,099	3,227	3,429	2,701	2,899	3,011	8

Table 3.—Personal Income by

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Line	Item	N	linnesot	a	3	Missouri			lebraska			th Dak			uth Dak	
_		1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987
	Income by Place of Residence															
1	Total personal income (lines 6-11)	59,289 57,783 1,505	63,173 61,140	67,624	66,729	70,618 69,826	74,945 73,998	20,829 19,127	21,683 19,744	22,845 20,728	8,163 7,474	8,441	8,738 7,958 780	7,801 7,134	8,351 7,493	8,900 7,913
3	Farm income (line 17) 1	1,505	2,033	65,490 2,134	65,934 795	792	947	1,702	1,939	2,117	689	7,658 783	780	666	858	988
4	Population (thousands) ²	4,190 14,149	4,213 14,995	4,246 15,927	5,034 13,256	5,064 13,946	5,103 14,687	1,604 12,982	1,598 13,572	1,594 14,328	685 11,921	679 $12,440$	672 13,004	708 11,017	708 11,803	709 12,550
Ĭ	Derivation of Total Personal Income	14,140	14,000	10,021	10,200	10,010	14,001	12,002	10,012	14,020	11,021	12,110	10,004	11,01	11,000	12,000
6	Earnings by place of work (line 12-16 or 17-84)	44,201	47,340	50,957	49,257	52.156	55,542	15.293	16,035	16,939	5,712	5,852	6,031	5,303	5,738	6,162
7	Less: Personal contributions for social insurance ³ Plus: Adjustment for residence ⁴	3,053 -232	3,285 -232	3,525 260	$3,016 \\ -1,962$	52,156 3,248 -1,935	3,436 $-2,085$	15,293 962 - 292	1,020 -278	$^{1,074}_{-286}$	339 -169	$349 \\ -159$	366 -160	331 12	353 9	377 -2
9 10	Equals: Net earnings by place of residence	40,916 10,030	43,823 10,567	47,172 11,263	44,278 12,491	46,973 13,084	50,021 13,858	14,039 3,956	14,737 3,951	15,579 4,142	5,203 1,699	5,344 1,711	5,505 1,779	4,984 1,529 1,287	5,393 1,599 1,359	5,784 1,684
11	Plus: Transfer payments	8,343	8,783	9,188	9,960	10,561	11,066	2,834	2,995	3,124	1,261	1,385	1,454	1,287	1,359	1,433
	Earnings by Place of Work															
12	Components of earnings: Wages and salaries	35,750	37,823	40,780	39,743	41,900	44,499	11,148	11,484	12,056	4,149	4,160	4,309	3,637	3,792	4,017
13 14 15 16	Other labor income	3,484 4,967	3,659 5,858	3,915 6,263	3,856 5,658 643	4,056 6,200	4,236 6,808 797	990 3,155	1,003 3,548	1,050 3,833	332 1,230	325 1,368 714	332 1,390	319 1,348 595	333 1,612 789	352 1,794
16	Farm Nonfarm ⁶	1,285 3,682	1,816 4,042	1,907 4,356	5,015	644 5,556	6,011	1,513 1,643	1,758 1,790	1,933 1,899	620 610	654	705 685	753	823	917 877
	Earnings by Industry															
17 18	Farm Nonfarm	1,505 42,695	2,033 45,307	2,134 48,823 41,820	795 48,462	792 51,365 44,253 156	947 54,595	1,702 13,591	1,939 14,097	2,117 14.822	689 5,022	783 5,069	780 5,251	666 4,637	858 4,880	988 5,174
18 19 20	Private Agricultural services, forestry, fisheries, and other ⁷	36,508 164	38,742 154	41,820 174	41,645 164	44,253 156	46,950 179	10,908	11,316	14,822 11,887 75	3,854 26	3,862 23	4.000	3,622	3,820	4,036 31
21 22	Agricultural services		144 10	161 13	153 11	146 10	168 12	82 80	68	73	26 0	22 0	24 24 0	33 3 87 1	24 3	27
23 24	Mining Coal mining	377 0	232	241	363 106	225 100 -7	250	77 3	41 3	47 3	217 64	150	133 52 69 0	87 1	83 1	87 1
25 26	Oil and gas extraction Metal mining	108 220	11 170	24 166 51	125	_7 54	94 16 48	3 51 1	14	18	143	57 83 0	69	13 54	58	62
21 22 23 24 25 26 27 28	Nonmetallic minerals, except fuels	48 2,636	51 2,961	51 3,297	72 3,133	54 79 3,526	92 3,675	23	24 855	24 882	10 356	11 352	11 367	21 279	28 24 3 83 1 2 58 22 306	21 323
1	Manufacturing	10,645	11,033	11,649	11,557	11.908	12.096	2.077	2.106	2,179	331	995	348	ł	574	593
29 30 31 32 33 34 35 36 37 38 39 40 41	Nondurable goodsFood and kindred products	4,063 1,128	4,266 1,194	4,566 1,259	4,462 1,225 13	4,641 1,306 10	4,820 1,349	1,013 587	1,054 596	1,080 591	180 91	186 92 9	188 95	532 242 158	264 179	261 166
32 33	Textile mill products	39 42	40 46	41 46	317	313	329	22	2 25 43	2 27	9	1 3	9	20	0 17	20
34 35	Paper and allied products Printing and publishing	1,252 969	1,303 1,015	1,374 1,113	338 936	358 989	366 1,029	38 163	43 176 77	46	1 39 3	(P) 40 3	(D) 40	5 38 5	17 (P) 40 6	(P) 42 7
36 37	Chemicals and allied products	255 71	272 72	293 81	1,045 59	1,081 62	1,133 60	163 75 7 0	77	188 78 3 0	3 16 0	17	16	0	6	0
38 39	Tobacco manufactures	266	1 0	1 0	276	282	290	116	0 124	136	0 17	0 20	0 19	0 15	16	0 20 (^D)
40 41	Leather and leather products	40 6,583	287 37 6,767	323 37 7,083	253 7,095	240 7,267	252 7,277	1 4	1 7	1.098	0 151	20 (P) 149	19 (P) 160	290 30	310	332 41
42 43	Lumber and wood products Furniture and fixtures	352 100	407 115	490 125	162 205	181 218	198 243	1,064 33 38 51	32	34 44 52 162 291	5	6	6	3	16 (P) 310 36 3	3
44 45 46	Primary metal industries	174	185	207 1.085	398 754	396 776	405 762	51 162	1 155	52 162	-0 16		19	6 23	7	8 31
46 47	Machinery, except electrical Electric and electronic equipment	2,829 678	1,044 2,718 653	2,797 704	807 1,324	813 1,273	821 1,198	281 227	285 223	932	68 5 14	62 6 16	67	23 83 45	27 88 44 3	94 46
48 49	Transportation equipment excluding motor vehicles	73 165	83 207	123 205	1,281 1,432	1,375	1,572 1,315	53 62	44	45 75	14 13	16 11	15 14 15			21 19
48 49 50 51 52	Stone, clay, and glass products	213 796	215 990	231 970	291 310	306 315	307 321	57 85	64 58 86	45 75 59 91	17 1 7	16 1	1 2	16 24 38 19	18 24 40	19 44 22
	Miscellaneous manufacturing industries	128	150	145	130				15	14		8				1
53 54 55	Transportation and public utilities Railroad transportation	3,370 345	3,436	3,638 327	4,724 447	410	5,064 374	533	1,583 501 491	1,596 476 554	543 83 143	538 82 145	550 83 158	430 30 215		450 19 240
56	Trucking and warehousing	927 34	956 25	1,012	95	76	71	1 1	1	1	0	0	1 0	0	0	0
57 58 59	Other transportation ⁸ . Communication	855 638 570	1 628	995 650 628	1.146	1,228	1.279	363	359 147	364 108	31 95 190	34 92 185	90 186	81	78 77	80 78
	Wholesale trade	3,295		3,682		3,596	3.962	1.063	1.065	1,131	462	i		349	347	366
60 61 62 63	Retail trade	4,348 2,766	4,560 3,127	4,894 3,443	4,891 2,827	5,198 3,234	5,484 3,574	1,444 1,009	1,491	1,550 1,171	573 264	454 573 277	290	293	597 310	326
63 64	Banking and credit agenciesOther finance, insurance, and real estate 9	921	1.015	1,037 2,406	1,036	1,148 2,086	1,216 2,358	337 671	353 743	366 805	129 135	135 143	140 150	159 134	165 145	170 155
65	Services	8,907		10,803	10,458	11,537	12,666	2,726	3,009	3,257	1,082	1,159	1,236		1,140	1,234
66 67	Hotels and other lodging places Personal services	.l 550	611	659	258 551	258 602	643	173	189	198	32 77	30 83	29 88	31 70	31 77	33 81
68 69	Private households	. 76 1,641	1,838	2,076	2,254	2,529	2,742	473	545	38 594	97	101	109	16 109	16 121	16 131
70 71	Auto repair, services, and garages	. 152	488 170	511 181	156	571 178	609 188	67	1 80	82	15 97 48 22 15 2	83 14 101 53 25 17	26	109 56 25 18	121 62 29 21	65 30
72 73	Amusement and recreation services	.1 35	1 37	181 275 40	264 76	178 282 78	305 80	8	8	55 8	15	17	109 56 26 17 2 587	18	2	2
74 75	Health services Legal services	669	757	3,608 855	3,500 731	819	951	. 209	237	1,128 262	518 53	545 59	63	444 56	469 63	69
76 77	Educational services	. 438	367 471	397 510	528 248	574 270	627 285	82	119 88	98	53 25 33 0	26 38 0	63 27 42 1	56 41 37	44 45	49
65 66 67 68 69 70 71 72 73 74 75 76 77 78	Museums, botanical, zoological gardens Membership organizations	370	393	415	401	9 425	11	115	118	124	62 81	65	67	57	60	62
		1	1	1	1	1		1	Į.	1	1	l	1	1		
81 82 83	Government and government enterprises. Federal, civilian	6,187 865 114	876	944	1,894	1,866	1,987	427	434	458	1,168 214 247	1,207 224 247	240	1,015 251 140	256 150	1,139 273 175
84	State and local				4,460	4,758			1,971	2,078	708	736	258 758	624	654	691

See footnotes at end of table.

Major Sources, 1985-87—Continued

of dollars]

	Southeast			Alabama			Arkansas			Florida			Georgia			Kentucky			Louisiana		7.
1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987	Line
681,058 672,137 8,921	726,825 717,708 9,117	783,155 772,210 10,945	43,038 42,391 647	45,736 45,000 736	48,753 47,901 852	24,825 23,738 1,086	26,135 25,067 1,068	27,481 26,297 1,184	158,315 156,222 2,093	170,994 168,815 2,179	187,365 184,926 2,439	75,376 74,424 952	82,069 80,966 1,103	88,977 87,747 1,229	40,168 39,261 906	41,985 41,226 759	44,945 44,019 926	50,638 50,341 296	50,539 50,185 354	51,174 50,684 490	1 2 3
56,549 12,044 482,577	57,288 12,687 515,925	58,022 13,497 559,068	4,020 10,705 31,176	4,050 11,293 33,240	4,083 11,940 35,656	2,359 10,523 17,227	2,371 11,025	2,388 11,507	11,373 13,921 98,480	11,694 14,622 106,889	12,023 15,584 118,354	5,973 12,618 58,421	6,100 13,454 64,073	6,222 14,300 69,706	3,728 10,775 28,333	3,726 11,268 29,509	3,727 12,059 31,889	4,485 11,291 37,137	4,499 11,233 36,086	4,461 11,473 36,293	4 5 6 7
28,245 3,430 457,762 114,360 108,936	30,548 3,410 488,788 122,180 115,857	32,896 3,637 529,810 131,065 122,280	1,970 517 29,722 5,607 7,708	2,031 521 31,729 5,963 8,044	2,170 556 34,048 6,335 8,375	1,087 —66 16,075 3,980 4,769	1,170 —106 16,966 4,139 5,029	1,235 -106 17,901 4,335 5,245	5,565 -58 92,857 39,271 26,187	6,138 -47 100,705 42,245 28,044	6,766 -62 111,526 45,762 30,077	3,324 -149 54,948 10,369 10,058	3,687 -195 60,191 11,178 10,700	3,975 204 65,526 12,064 11,386	1,573 218 26,977 6,127 7,063	1,675 360 28,194 6,414 7,376	1,797 337 30,428 6,821 7,696	2,134 —849 84,655 7,785 8,198	2,081 -273 33,732 7,919 8,889	2,096 -251 33,946 8,073 9,156	7 8 9 10 11
395,974 36,430 50,173 7,071 43,103	422,134 38,578 55,213 7,284 47,929	456,738 41,319 61,011 9,013 51,998	25,525 2,446 3,204 558 2,646	27,039 2,588 3,613 648 2,965	28,964 2,762 3,931 759 3,172	13,069 1,311 2,848 924 1,924	13,831 1,360 3,051 908 2,143	14,538 1,433 3,271 1,016 2,254	81,012 7,158 10,311 1,596 8,715	87,927 7,732 11,231 1,687 9,544	97,374 8,414 12,566 1,923 10,643	48,648 4,421 5,352 807 4,546	53,068 4,846 6,159 961 5,198	57,737 5,227 6,742 1,079 5,663	22,249 2,301 3,783 751 3,032	23,190 2,362 3,957 603 3,354	24,969 2,527 4,393 762 3,632	30,206 3,033 3,899 184 3,715	29,022 2,916 4,149 242 3,906	28,995 2,942 4,355 372 3,983	12 13 14 15 16
8,921 473,656 385,717 2,429 1,996 433 10,020 4,588	9,117 506,809 413,683 2,474 2,027 448 7,739 4,139	10,945 548,123 448,428 2,805 2,327 477 7,644 4,011	30,528 24,125 133 84 49 588 433	736 32,503 25,830 121 84 38 481 383 36	852 34,804 27,753 130 93 37 465 362	1,086 16,141 13,418 81 68 14 178	1,068 17,175 14,297 73 63 10 122 2	1,184 18,058 15,084 84 72 12 116	2,093 96,387 80,708 875 771 104 799	2,179 104,711 87,736 917 799 118 194	2,439 115,914 97,186 1,050 916 134 310	952 57,470 47,568 231 184 47 304	1,103 62,970 52,432 237 197 40 225 (P)	1,229 68,477 57,034 264 224 40 271 (P)	906 27,427 22,632 140 138 2 1,772 1,583	759 28,750 23,755 143 140 2 1,635 1,519	926 30,962 25,615 159 156 3 1,637 1,516	296 36,841 30,602 177 110 68 2,896	35,732 29,419 175 96 79 2,237	490 35,803 29,380 175 101 74 1,990 12	17 18 19 20 21 22 23 24 25 26
4,588 74 990 33,197 99,529	2,498 64 1,038 36,258	2,472 70 1,091 38,277 110,487	96 1 58 1,761 7,832	(P) (P) 1,892 8,184	42 (P) (P) 1,989 8,674	139 10 28 1,044 4,157	83 (P) (P) 1,167 4,371	77 (P) (P) 1,148 4,643	555 14 225 8,158 12,002	$ \begin{array}{r} -43 \\ 13 \\ 219 \\ 8,752 \\ \end{array} $ 12,674	79 14 212 9,190	92 (P) 211 3,918 12,061	-10 (P) 234 4,494 13,005	11 (^D) 259 4,569 13,790	138 0 51 1,540 6,566	59 0 57 1,720 6,701	62 0 59 1,929 7,144	2,794 5 89 3,075 5,217	2,125 6 96 2,705 5,039	1,880 6 92 2,530 5.071	27 28
49,377 7,554 9,048 5,341 5,542 5,130 8,997 1,189 1,978 4,172	52,161 8,048 9,823 5,565 5,866 5,627 9,226 1,224 1,996 4,388	55,431 8,495 10,731 5,797 6,156 6,086 9,516 1,259 2,147 4,840	3,668 498 601 616 782 246 391 51 6	3,873 536 666 648 808 268 391 (P) (P) 494	4,151 574 734 696 822 284 408 (P) (P) 561	1,866 653 38 113 373 182 169 38 0 225	1,995 743 (P) 122 394 193 164 (P) 0	2,138 807 (P) 123 429 215 168 (P) 0 250	4,284 1,041 35 365 448 1,196 774 55 34 301	4,484 1,095 41 385 450 1,313 765 62 32	4,745 1,129 45 415 468 1,442 758 62 30	6,675 1,248 1,796 860 952 727 550 34 110	7,195 1,368 1,952 881 1,026 828 581 41 116 383	7,683 1,456 2,132 900 1,064 897 601 44 149 420	2,689 467 92 323 198 368 452 168 280 313	2,794 476 102 334 210 403 463 172 255 353	2,982 498 117 365 235 418 477 196 247 399	3,099 440 27 96 416 234 1,188 652 0	3,124 454 (P) 91 449 230 1,156 658 0 48	3,178 449 (P) 106 455 234 1,169 663 0	29 30 31 32 33 34 35 36 37 38
426 50,151 4,759 3,372 4,188 5,704 8,016	397 52,297 5,107 3,567 4,254 5,874 8,160	406 55,056 5,466 3,872 4,399 6,022 8,546	4,165 541 152 816 501 463	4,311 552 165 814 512 493	4,523 604 179 822 518 542	76 2,292 371 149 202 327 354	2,376 390 159 185 332 381	70 2,505 419 174 202 339 389	33 7,718 499 222 130 789 1,282	311 30 8,191 527 243 135 828 1,298	364 33 8,701 551 259 144 892 1,297	377 20 5,386 651 193 474 452 604	19 5,810 687 198 495 490 656	21 6,107 717 211 522 514 690	28 3,877 174 98 575 358 960	26 3,907 193 98 556 368 941	30 4,162 215 94 612 408 960	2,117 262 12 102 337 278	1,915 271 11 82 317 230	(P) 1,893 279 10 86 276 224	40 41 42 43 44 45 46
9,216 5,775 3,258 3,417 1,386 1,061 37,089	9,392 6,217 3,444 3,657 1,490 1,135	9,798 6,707 3,581 3,838 1,607 1,221	516 459 335 210 64 108	543 492 353 221 68 98	572 524 346 242 74 99	470 76 88 106 95 55	479 85 95 106 105 61	498 101 108 104 106 65	2,004 1,677 93 549 305 167	2,076 1,862 111 600 330 181	2,186 2,040 129 648 364 191	662 916 719 464 132 118	767 995 743 513 144 122	795 1,116 738 533 149 128	784 45 551 189 72 72	809 58 525 206 72 82	855 69 566 218 75 89	290 487 137 160 19 33		228 490 117 128 20 34	1
3,193 9,584 1,556 6,354 9,111 7,290	38,492 2,974 10,122 1,417 7,118 9,210 7,651	2,754 11,152 1,386 7,940 9,884 8,104	2,229 655 73 97 559 615	2,261 215 674 68 111 548 645	2,407 196 730 65 123 607 687	1,438 204 547 6 73 284 324	1,504 198 610 6 88 267 335	1,592 195 694 6 91 263 343	7,487 330 1,359 300 1,887 2,343 1,218	7,740 317 1,443 294 2,064 2,324 1,298	8,303 298 1,609 328 2,254 2,417 1,396	5,425 436 1,212 62 1,524 1,344 848	5,767 414 1,293 67 1,628 1,433 931	6,265 390 1,434 62 1,784 1,639 956	2,117 361 700 60 153 380 464	2,179 328 741 61 186 385 478	2,353 295 781 61 291 413 511	3,413 224 637 764 410 615 765	775	3,198 171 674 552 406 586 807	56 57 58 59
30,335 51,586 25,736 9,980 15,756	31,732 55,475 29,167 11,170 17,996	34,211 59,705 32,501 12,148 20,353	1,779 2,942 1,429 580 849	1,856 3,188 1,588 653 935	1,953 3,373 1,698 687 1,011	894 1,868 818 322 496	914 1,959 913 347 566	952 2,031 941 358 583	6,266 12,457 7,223 2,542 4,681	6,628 13,620 8,286 2,920 5,366	7,382 14,983 9,421 3,221 6,200	5,518 6,049 3,528 1,211 2,317	5,799 6,544 4,118 1,410 2,708	6,232 7,111 4,591 1,548 3,042	1,493 2,942 1,206 550 656	1,501 3,113 1,330 591 739	1,606 3,325 1,419 622 797	2,251 3,797 1,903 865 1,038	1,989 877 1,112	2,068 3,681 2,018 842 1,175	61 62 63 64
95,796 3,691 4,936 2,799 17,440 4,341 1,927	107,889 3,979 5,384 2,820 19,894 4,720 2,131	121,577 4,308 5,824 2,864 22,643 5,152 2,288	5,430 107 263 184 870 279 109	6,259 116 281 185 1,091 293	7,065 124 303 186 1,266 304 124	2,989 79 219 67 436 192 65	3,275 85 243 67 508 214 74	3,576 86 253 68 551 222 72	25,490 1,323 1,015 659 4,108 1,035 450	28,924 1,495 1,099 673 4,638 1,115 505	33,102 1,669 1,197 693 5,303 1,233 554	10,533 408 485 316 2,066 512 174	12,244 452 534 321 2,402 564 202	13,941 475 578 328 2,763 624 228	4,856 126 316 102 596 266 91	5,482 127 350 101 709 299 111	6,043 136 376 101 800 322 125	7,873 247 390 234 1,511 291 207	233 1,501 297 196	8,650 209 400 231 1,524 298 178	67 68 69 70 71
2,410 293 30,293 7,161 3,354 2,083 43 3,763 11,262	2,703 315 33,004 8,180 3,589 2,336 78 3,975 14,780	2,975 341 38,135 9,579 3,952 2,613 86 4,236 16,580	83 9 1,864 394 168 116 0 217 765	84 11 2,028 446 174 125 0 226 1,083	98 11 2,343 514 191 136 0 236 1,227	51 6 1,158 182 69 96 0 129 189	58 7 1,246 206 74 104 0 132 257	61 9 1,418 229 81 116 136 274	1,133 81 7,910 2,178 678 542 9 916 3,452	1,257 89 8,624 2,495 720 623 10 985 4,595	1,395 99 10,146 3,036 807 721 12 1,069 5,166	180 50 2,860 880 411 195 4 422 1,569	212 56 3,239 1,025 441 225 5 446 2,121	237 62 3,858 1,200 488 251 5 470 2,374	101 11 2,046 342 157 124 4 204 372	116 11 2,207 390 167 131 4 212 498	126 11 2,485 445 180 147 5 224 557	2,462	16 2,596 963 333 163 3 297	133 16 2,895 1,088 365 164 3 312 834	73 74 75 76 77 78 79
87,940 20,003 14,301 53,636	93,126 20,053 14,972 58,101	99,696 21,402 15,624 62,670	6,404 1,825 752 3,827	6,673 1,784 773 4,116	7,051 1,941 832 4,278	2,723 536 269 1,917	2,878 543 280 2,054	2,974 573 292 2,109	15,680 2,880 2,216 10,583	16,975 2,933 2,407 11,635	18,728 3,180 2,514 13,034	9,901 2,492 1,430 5,980	10,538 2,483 1,500 6,554	11,443 2,627 1,626 7,190	4,794 988 789 3,018	4,995 985 783	5,347 1,046 829 3,472	6,239 925 622	6,313 928 652	6,422 984 700 4,738	81 82 83

Table 3.—Personal Income by

[Millions

		_								_					_	[Millions
Line	Item	M	lississipp	oi	Nor	th Carol	ina	Sou	th Carol	ina	т	ennesse	-		Virgini	a
Line	Item	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987
	Income by Place of Residence															
1 2	Total personal income (lines 6-11)	24,143 23,577	25,361 24,868	27,013 26,210	73,029 71,786	78,654 77,333 1,321	85,382 83,888	35,783 35,550	38,162 37,988	41,110 40,783	53,681 53,150	57,523 57,082	62,533 61,883	82,511 82,181	89,372 88,941	97,515 97,001
3	Farm income (line 17) 1	566	493	803	1,243	1,321	1,494	233	174	40,783 326	531	440	650	330	431	513
4 5	Population (thousands) 2 Per capita personal income (dollars)	2,613 9,239	2,624 9,663	2,625 10,292	6,260 11,665	6,331 12,423	6,413 13,314	3,334 10,734	3,381 11,286	3,425 12,004	4,766 11,263	4,800 11,984	4,855 12,880	5,701 14,472	5,795 15,423	5,904 16,517
	Derivation of Total Personal Income					,										
6	Earnings by place of work (line 12-16 or 17-84)	16,769 972	17,525 1,037	18,761 1,095	56,119 3,451	60,739 3,804	66,317 4,126	26,525 1,607	28,349 1,749	30,735 1,878	40,696 2,493	43,844 2,729	47,985 2,959	58,443 3,263	63,854 3,612	70,220 3,938
8	Plus: Adjustment for residence * Equals: Net earnings by place of residence	517 16,314	469 16,957	494 18,161	-111 52,557	-172 56,763	-202 61,990	446 25,364	474 27,074	519 29,376	-520 37,683	-634 40,481	-717 44,308	3,216 58,396	3,278 63,520	3,490 69,771
10 11	Plus: Dividends, interest, and rent 5	3,041 4,787	3,318 5,086	3,493 5,359	10,090 10,382	10.841	11.741	4,715 5,704	5,045 6,043	5,409 6,325	7,460 8,538	7,910 9,131	8,503 9,722	13,068 11,047	14,159 11,694	15,340 12,403
	Earnings by Place of Work		·		·											
12	Components of earnings:	13,291	13,842	14,580	46,183	49,826	54,394	22,369	23,906	95 914	32,835	35,259	38,503	49,712	54,141	59,504
13 14	Wages and salaries Other labor income Proprietors' income ⁶	1,264 2,215	1,326 2,358	1,401 2,780	4,115 5,820	4,419 6,494	4,752 7,172	1,984 2,172	2,082 2,360	25,814 2,231 2,690	3,084 4,778	3,312 5,273	3,568 5,913	4,137 4,594	4,467 5,246	4,882 5,833
15 16	Farm Nonfarm ⁶	433 1,781	362 1,996	665 2,115	1,011 4,810	1,090 5,404	1,250 5,922	157 2,016	99 2,261	247 2,443	428 4,349	338 4,935	541 5,372	204 4,390	308 4,939	384 5,449
	Earnings by Industry															
17	Farm	566 16,204	493	803	1,243 54,876	1,321 59,419	1,494	233 26,293	174	326 30,408	531 40,166	440 43,403	650 47,335	330 58,113	431 63,422	513 69,706
19	Nonfarm	12,829 85	17,032 13,487 72 51	17,958 14,244	45.414	49,257 231	64,823 53,954 275	20,678 119	28,175 22,145 124	24,009 141	33,929 133	36,828 122	40,162 141	42,870 205	47,344 235	52,578 275
21 22	Agricultural services	56 29	51 21 181	82 60 23	224 186 38 232	186 46	223 52	80 39 87	124 87 38	99 41	121 12	109 13	127	174 31	193 42	229 46
23 24	Mining	260 0	1 0	159 0	1	106	154 1 13	87 (P)	34 (P)	51 (P) 5	285 106	210 98	226 90 22 37	828 626 134	653 592 —11	688 584 25
18 19 20 21 22 23 24 25 26 27 28	Oil and gas extraction	246 0 14	165 0	146	112	$-18 \\ 1 \\ 122$	13 1 140	(P) 48 (P)	-6 (P) 39	(P) 45	73 35 72	8 33 71	22 37 77	134 7 61	$-11 \\ -69$	25 3 77
28	Nonmetallic minerals, except fuels Construction	886	906 906	13 918	118 3,757	4,227	4,542	38 1,861	2,044	2,113	2,478	2,830	3,113	4,069	4,842	5,501
29 30	Manufacturing	4,286 1,673	4,497 1,777	4,710 1,849	16,594 9,193	17,772 9,999	19,041 10,848	7,689 5,031	8,033 5,274	8,602 5,612	10,695 5,142	11,210 5,331	11,793 5,611	9,924 4,944	10,450 5,211	11,048 5,522
31 32	Food and kindred products Textile mill products	371 98	381 107	413 113	858 3,401	921 3,745 1,045	1,001 4,100	273 1,921 501	289 2,018	313 2,178	867 356	917 382	961 416	750 671	781 728	806 796
29 30 31 32 33 34 35 36 37 38	Apparel and other textile products	388 230 122	406 257 127	408 265 134	994 648	684	1,072 725 605	501 504 185	524 543 198	544 567 217	709 502	741 529 644	774 581 700	336 466 677	350 495 765	354 521 844
36 37	Printing and publishing Chemicals and allied products Petroleum and coal products	187 94	199	196 196 94	519 1,084 21	568 1,242	1,363 24	1,070 13	1,098 15	1,141 13	585 1,312 25 45	1.315	1,336 30	1,041	1,080 19	1,133 21
38 39	Tobacco manufactures	176	94 0 199	0 220	913 701	23 979 737 55	1,079	551	8 577	628	595	27 40 604	40 636	17 575 378	556 406	581 444
40 41	Leather and leather products	2,613	2.720	2,862	7,401	55 7,773 748	821 56 8,193	2,657 278	2,759	2,990	146 5,552	132 5,879	137 6,182	34 4,979	5,239	23 5,526
42 43	Lumber and wood products Furniture and fixtures Primary metal industries.	459 310 97	468 336 91	496 393 100	1,357	748 1,456 305	770 1,595 306	278 81 229 333	300 72 238	323 78 251	332 408 460	367 419 491	409 443 480	442 373 341	5,239 497 392 347	564 416 364
40 41 42 43 44 45 46 47 48	Fabricated metal products		264 281	283 300	278 620 1,620	651 1,679	649 1,783	333 690	344 719	365 780	1,001 898	1,034 920	1,044 975	502 422	517 412	519 448
47 48	Electric and electronic equipment	488 446 72	480 501	469 497	1,525	1,495 103	1,522 125 532	431 101	437 97 86	486 111	806 384	814 445 541	861 492	1,158 1,045	1,179 1,079	1,252 1,100
49 50 51 52	Motor vehicles and equipment	114	83 122	90 130	463 437	494 472	497	76 263	275	115 284	475 379	410	567 438	231 315	275 354 112	260 388
52 52	Instruments and related products	23 63	22 71	25 78	244 105	252 118	284 128	117 60	125 66	130 67	210 199	223 215	231 241	81 69	76	128 88
53 54 55	Transportation and public utilities	1,162 99	1,178 86	1,288 76	3,865 210	4,098 192	4,498 167	1,669 134	1,693 126	1,829 115	2,872 307	3,088 286	3,402 264	4,245 414	4,542 399	4,852 392
56	Trucking and warehousing	390 48	403 48	462 49	1,413 29	1,476 27	1,627 26	436 52	451 53	492 63	1,148	1,224 24	1,371	835 105	901 109	996 120
57 58 59	Other transportation ⁸ . Communication Electric, gas, and sanitary services	67 267 291	74 261 306	85 287 328	471 829 912	562 856 985	683 939 1,055	121 372 554	142 383 587	175 415 569	627 605 154	778 614 162	890 675 176	888 1,282 720	1,029 1,337 767	1,115 1,407 823
60	Wholesale trade	869	880	910	3,467	3,679	1		1	1,402	2,791	2,988	3,247	3,073	3.384	3,689
61 62 63	Retail trade	1,796 749	1,874 831	1,949 893	5,833 2,381	6,318 2,734	4,084 6,842 3,146	1,260 2,706 1,178	1.302	3,192 1,411	4,327 2,100	4,680 2,391	5,125 2,667	5,571 2,761	6,173 3,196	3.777
63 64	Banking and credit agencies Other finance, insurance, and real estate ⁹	354 395	387 443	413 480	989 1,391	1,118 1,616	1,280 1,866	481 697	523 779	547 864	781 1,319	852 1,539	938 1,729	1,076 1,684	1,253 1,943	1,448 2,329
65 66	Services	2,735 75	3,068 71	3,333 66	9,062 252	10,092 273	11,372 291	4,108 198	4,670 223	5,268 238	8,249 329	9,310 351	10,448 383	12,196 467	13,868 474	16,052 538
67 68	Personal services Private households	146 124	151 124	160	608	678 364	751 369	233 187	247 188	267 191	513 189	582 189	645 192	603 319	662 322	731 329
69 70	Business services	290 154 64	330 158 69	124 358 166	1,688 490	1,948 539	2,231	605 214	685 228 105	806 251 123	1,548 392	1,794 439	1,944 483	3,509 427	4,042 477	4,835 549
72 73	Miscellaneous repair services Amusement and recreation services	64 35 5	38 4	70 37	238 167 35	259 195 44	603 283 223 44	99 103 11	105 109 10	123 121 11	156 183 29	183 218 28	196 244 30	208 192 35	237 218 35	261 246 41
74 75	Health services	946 210	1,012 236	1,148 262	2.584	2.841	3.293	1.103	1,202 344	1.393	3.100	3.391	3,894 596	3,164 674	3,456 779	3,985
76 77	Educational services Social services	. 79 . 80	84 83	94 88	604 240	586 657 270	307	297 149 96	158 113	398 174 129	452 331 127	521 353 140	382 149	336 260	374 295	410 339
66 67 68 69 70 71 72 73 74 75 76 77 78 80	Museums, botanical, zoological gardens Membership organizations	. 118	118	119	342	351	364	168	174	182	297	313	332	11 545	43 599	46 662
	Miscellaneous services	1	F .	f			1,201	645 5,615		984 6,400	599 6 237	803 6,575	974 7,173	1,445		1
81 82 83 84	Federal, civilian Military	694 494	3,546 691 533	728 555	1,321	10,161 1,352 1,959	1,418	967 1.321	973	1,033	6,237 1,759 315	1,756 315	1,930 334	15,243 5,214 4,129	5,222 4,327 6,529	5,514 4,447
84	State and local	2,187	2,321	2,432	6,221	6,850	7,441	3,327	3,664	1,436 3,931	4,163	4,504	4,908	5,900	6,529	4,447 7,167

See footnotes at end of table.

Major Sources, 1985-87—Continued

of dollars]

We	st Virgin	nia		Southwest			Arizona		N	ew Mexic	20		Oklahoma	1		Texas		Roc	ky Moun	tain	7.:
1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987	Line
19,553 19,515 39 1,936 10,099	20,296 20,238 58 1,917 10,587	20,907 20,871 36 1,897 11,020	318,106 314,061 4,045 24,317 13,081	327,496 323,219 4,277 24,753 13,231	340,131 334,399 5,732 24,946 13,634	40,954 40,502 453 3,161 12,955	44,857 44,355 501 3,279 13,679	48,466 47,770 697 3,386 14,315	16,248 16,003 245 1,450 11,203	16,944 16,694 250 1,479 11,459	17,812 17,498 315 1,500 11,875	40,209 39,524 685 3,316 12,124	40,493 39,525 967 3,306 12,249	41,069 40,104 965 3,272 12,551	220,694 218,032 2,662 16,389 13,466	225,203 222,645 2,558 16,689 13,494	232,783 229,027 3,756 16,789 13,866	91,450 90,251 1,199 7,216 12,673	94,847 93,074 1,773 7,257 13,070	98,534 96,278 2,256 7,274 13,546	1 2 3 4 5
13,250 806 -231 12,213 2,847 4,493	13,575 835 - 265 12,476 3,049 4,770	13,911 860 -217 12,833 3,190 4,884	240,311 13,777 -302 226,232 52,021 39,853	244,709 14,249 -205 230,254 53,941 43,300	252,766 14,581 193 237,992 55,987 46,152	29,287 1,752 -75 27,459 7,499 5,996	32,157 1,927 -90 30,140 8,204 6,513	34,825 2,062 - 100 32,664 8,769 7,033	11,741 725 18 11,034 2,651 2,563	12,091 755 25 11,360 2,824 2,759	12,665 782 24 11,907 2,955 2,951	28,583 1,765 257 27,076 6,937 6,196	28,518 1,781 310 27,047 6,835 6,610	28,641 1,793 335 27,182 6,977 6,909	170,699 9,535 -502 160,663 34,935 25,097	171,942 9,786 -450 161,707 36,077 27,419	176,635 9,944 -452 166,238 37,287 29,258	68,368 4,028 46 64,386 15,144 11,920	70,564 4,180 52 66,436 15,618 12,793	72,734 4,275 84 68,543 16,343 13,648	6 7 8 9 10 11
10,876 1,177 1,197 18 1,179	11,083 1,170 1,322 38 1,284	11,365 1,180 1,366 16 1,351	194,118 18,154 28,039 3,269 24,770	195,959 18,455 30,295 3,509 26,785	201,083 18,958 32,725 4,922 27,803	24,508 2,141 2,637 302 2,335	26,849 2,326 2,982 351 2,632	28,952 2,469 3,404 536 2,868	9,670 879 1,192 183 1,009	9,930 882 1,280 190 1,090	10,340 925 1,400 252 1,149	22,305 2,172 4,107 586 3,521	21,805 2,112 4,602 871 3,731	21,848 2,141 4,652 864 3,788	137,635 12,961 20,103 2,197 17,906	137,876 13,135 21,431 2,098 19,333	139,943 13,423 23,269 3,271 19,998	55,581 4,956 7,881 710 7,121	56,599 4,932 9,033 1,301 7,733	57,822 5,047 9,865 1,771 8,094	12 13 14 15 16
39 13,212 10,945 26 24 2 1,788 1,603 161 0 24 650	58 13,517 11,153 24 22 2 1,662 1,526 110 0 26 678	36 13,874 11,428 28 27 2 1,576 1,439 109 0 28 735	4,045 236,266 197,335 1,133 1,038 96 13,808 267 12,707 519 316 20,201	4,277 240,432 199,696 1,095 985 111 11,244 395 10,072 447 331 19,877	5,732 247,034 204,049 1,183 1,069 114 10,090 376 8,939 437 338 18,571	453 28,834 23,758 204 199 6 528 (P) 89 377 (P) 3,010	501 31,656 26,103 228 221 8 403 (P) (P) 344 (P) 3,226	697 34,129 28,077 245 237 9 423 (P) 340 (P) 3,017	245 11,496 8,389 45 42 2 703 (P) 412 116 (P) 940	250 11,841 8,611 44 42 2 546 (P) (P) 84 59 934	315 12,350 8,924 50 48 2 500 (P) 79 61 892	685 27,899 22,484 99 96 3 2,346 46 2,254 2 44 1,715	967 27,551 21,938 88 86 2 1,867 (P) 1,774 1 (P) 1,635	965 27,676 21,927 96 94 2 1,630 (P) 1,545 1 (P) 1,594	2,662 168,037 142,705 785 700 84 10,231 65 9,952 23 190 14,537	2,558 169,385 143,044 735 636 99 8,428 194 8,015 17 202 14,082	3,756 172,879 145,121 791 689 101 7,537 192 7,124 16 205 13,068	1,199 67,169 54,290 352 319 33 3,340 698 1,923 444 276 5,551	1,773 68,791 55,315 322 294 27 2,694 654 1,360 392 288 5,436	2,256 70,478 56,458 352 320 32 2,397 601 1,075 440 282 4,902	17 18 19 20 21 22 23 24 25 26 27 28
2,506 1,112 88 11 41 22 89 779 22 5 36 20	2,520 1,104 86 (P) 38 23 90 771 21 (P) 37	2,524 1,112 87 (P) 40 25 95 766 20 (P) 42 21	37,954 13,921 2,739 124 953 830 2,285 3,331 2,325 4 1,205	37,871 14,148 2,882 127 916 863 2,387 3,452 2,174 4 1,210	38,723 14,584 2,965 125 952 902 2,460 3,664 2,110 2 1,262	4,873 785 192 4 58 51 300 92 6 0	5,270 888 216 6 64 59 337 103 6 0 92	5,602 960 219 6 63 63 388 108 7 0 99	849 252 73 16 19 2 69 19 46 0	886 257 76 18 20 2 70 17 43 0 5	921 256 76 17 23 3 73 17 35 0	4,619 1,565 314 18 104 99 244 97 339 0 343 5	4,437 1,536 311 18 103 111 244 93 333 0	4,391 1,553 318 20 104 107 245 100 338 0	27,612 11,318 2,160 86 772 677 1,671 3,123 1,934 3 781	27,279 11,467 2,280 85 730 690 1,735 3,240 1,793 4 796 115	27,809 11,815 2,351 82 762 729 1,754 3,439 1,731 2 843 123	9,915 3,211 1,194 8 122 186 759 534 166 0 197	10,097 3,313 1,252 8 124 197 784 535 163 0 205	10,402 3,467 1,346 7 125 199 838 533 160 0 217 41	29 30 31 32 33 34 35 36 37 38 39 40
1,394 96 17 483 230 159 81 42 18 231 23	1,416 106 19 515 217 150 73 48 16 239 20 13	1,412 118 20 509 215 158 74 43 17 227 20 12	24,034 1,056 406 1,397 2,715 5,902 4,923 3,402 946 1,787 999 502	23,723 1,053 416 1,305 2,576 5,056 5,127 3,960 835 1,778 1,103 514	24,139 1,035 414 1,224 2,531 4,890 5,432 4,341 877 1,697 1,153 545	4,088 144 53 243 202 824 1,162 837 44 209 309 63	4,381 169 57 243 207 791 1,231 1,016 46 219 332 70	4,642 193 56 234 214 786 1,342 1,084 49 229 375 82	597 50 7 38 28 68 173 93 33 61 29 17	629 53 7 41 26 64 120 107 29 59 102 21	665 53 9 40 23 62 131 114 35 55 116	3,055 54 33 120 421/ 1,037 249 301 404 295 65 75	2,901 53 35 121 386 933 236 328 366 294 72	2,838 56 35 115 371 909 224 313 364 299 76 75	16,294 809 313 996 2,063 3,974 3,339 2,171 465 1,222 596 347	15,812 778 317 899 1,957 3,268 3,540 2,509 394 1,206 597 346	15,994 734 314 835 1,923 3,133 3,735 2,829 429 1,114 586 363	6,704 806 121 370 499 1,387 969 1,044 99 478 788 143	6,784 809 117 290 483 1,429 970 1,161 96 466 814 149	6,935 844 119 236 451 1,732 968 1,290 91 427 614 164	41 42 48 44 45 46 47 48 49 50 51 52
1,217 247 252 27 37 229 425	1,210 217 267 29 39 228 430	1,234 194 280 29 43 236 452	17,826 1,228 3,985 452 3,326 4,183 4,652	18,033 1,175 3,978 371 3,761 4,058 4,690	18,748 1,108 4,214 358 4,165 4,146 4,757	1,778 115 385 2 290 528 459	1,913 114 411 1 344 525 517	2,119 113 457 1 449 543 555	956 99 208 0 83 217 349	952 94 204 0 89 206 358	970 90 215 0 95 217 354	2,154 100 582 3 455 498 516	2,212 97 565 3 525 494 528	2,240 91 580 3 545 493 528	12,938 915 2,811 447 2,498 2,939 3,328	12,956 869 2,797 366 2,803 2,834 3,287	13,418 814 2,962 353 3,076 2,894 3,320	6,028 795 1,454 3 989 1,595 1,192	6,010 705 1,453 3 1,103 1,527 1,219	6,235 626 1,524 3 1,155 1,719 1,208	56 57 58
1,298 460 226 234 2,326	1,353 490 239 251 2,540	684 1,397 520 244 277 2,729	16,244 25,765 15,886 5,908 9,978 48,518	16,175 26,123 17,008 6,270 10,738 52,270 1,441	16,063 26,317 17,541 6,258 11,283	1,555 3,384 2,020 809 1,211 6,405	1,626 3,657 2,400 968 1,432 7,379	1,810 3,893 2,677 1,067 1,610 8,291	529 1,267 517 239 278 2,583	528 1,326 559 252 307 2,840	552 1,390 587 260 327 3,063	1,718 3,051 1,511 695 816	1,590 2,993 1,552 696 856 5,564	1,536 2,959 1,542 649 894 5,938	12,442 18,064 11,838 4,166 7,672	12,435 18,147 12,496 4,353 8,142	12,164 18,075 12,736 4,283 8,453 39,522	4,152 7,114 4,004 1,619 2,386	4,122 7,263 4,327 1,736 2,591 15,045	4,161 7,373 4,569 1,779 2,790	61 62 63 64 65
144 53 211 88 67 48 4 1,097	85 157 52 245 96 73 55 5 1,163	91 165 52 260 98 73 54 4 1,278	1,448 2,730 1,018 11,712 2,380 946 947 173 13,350	2,877 1,029 12,346 2,535 966 1,026 183 14,327	1,455 2,996 1,038 13,253 2,654 982 1,092 178 16,226	324 318 80 1,355 324 120 141 21 1,935 510	357 354 83 1,559 400 144 162 25 2,183	436 392 86 1,630 428 139 181 24 2,561	103 121 46 796 125 46 48 11 647	108 129 47 875 131 48 55 17	113 135 47 934 138 47 60 9 782	100 346 102 1,123 343 95 89 17 1,590	90 365 101 1,162 357 91 93 14 1,679	369 100 1,240 368 101 101 15 1,834	920 1,946 789 8,437 1,588 684 667 124 9,179	886 2,029 798 8,751 1,648 682 717 127 9,760	830 2,100 804 9,450 1,719 697 751 130 11,049	511 740 128 2,827 720 323 413 79 3,864	505 784 128 3,072 763 349 456 86 4,190	494 807 129 3,290 785 347 484 86 4,666	71 72 73 74
168 53 55 1 119 136	190 54 61 1 124 179	208 56 67 1 130 194	4,207 1,212 1,002 40 1,869 5,485	1,282 1,056 46 1,990 6,454	5,452 1,431 1,160 49 2,113 6,735	139 169 8 338 623	598 149 187 8 366 803	723 167 217 9 397 902	164 47 61 1 124 242	178 47 63 1 132 305	201 51 68 1 141 336	470 132 134 3 236 490	139 147 3 241 577	564 152 159 3 250 607	3,062 893 638 29 1,172 4,131	3,429 947 659 33 1,252 4,768	3,963 1,062 717 35 1,326 4,890	1,021 458 314 8 731 1,696	1,144 479 341 9 772 1,968	1,288 512 365 9 820 1,985	78 79
2,267 401 45 1,821	2,364 402 48 1,914	2,447 427 50 1,969	38,931 8,267 4,534 26,130	40,736 8,316 4,769 27,651	42,985 8,826 4,968 29,191	5,076 1,049 553 3,474	5,553 1,062 588 3,903	6,052 1,172 606 4,273	3,108 757 393 1,957	3,230 761 409 2,059	3,427 800 426 2,200	5,414 1,362 702 3,350	5,613 1,372 728 3,513	5,749 1,440 793 3,516	25,333 5,098 2,886 17,348	26,340 5,121 3,044 18,175	27,758 5,413 3,143 19,202	12,878 3,264 1,329 8,285	13,476 3,292 1,423 8,761	14,020 3,453 1,487 9,080	

Table 3.—Personal Income by

													_			Millions
Line	Item		Colorado			Idaho			Aontana			Utah		<u>-</u>	Wyomin	
-		1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987
1	Income by Place of Residence											l			•	
1 2 3	Total personal income (lines 6-11)	47,461 46,875 586	49,364 48,709 656	51,369 50,574 794	10,863 10,373 490	11,192 10,640 552	11,847 11,130 717	9,095 9,092 3	9,583 9,224 359	9,992 9,535 457	17,496 17,405 91	18,253 18,100 153	19,095 18,898 197	6,536 6,507 29	6,455 6,401 54	6,231 6,140 91
4 5	Population (thousands) 2	3,233 14,678	3,266 15,114	3,296 15,584	1,004 10,823	1,002 11,172	998 11,868	825 11,021	817 11,726	809 12,347	1,644 10,642	1,664 10,968	1,680 11,366	510 12,827	507 12,723	490 12,709
]	Derivation of Total Personal Income								Ì						Ì	
6	Earnings by place of work (line 12–16 or 17–84)	36,112 2,022	37,386 2,122	38,522 2,169	7,769 521	7,979 538	8,460 560	5,953 421	6,326 429	6,592 442	13,545 804	14,064 841	14,627 871	4,989 261	4,810 250	4,534 232
	Plus: Adjustment for residence 4 Equals: Net earnings by place of residence	-31 34,059	-33 35,231	-37 36,316	71 7,319	71 7,512	84 7,984	12 5,544	11 5,908	6,161	74 12,815	72 13,294	70 13,826	-80 4,649	-69 4,491	-45 4,257
10	Plus: Dividends, interest, and rent ⁵	7,944 5,458	8,271 5,863	8,757 6,296	1,849 1,695	1,888 1,792	1,970 1,894	1,908 1,643	1,915 1,760	1,979 1,852	2,330 2,352	2,430 2,529	2,548 2,721	1,115 773	1,113 850	1,089 885
	Earnings by Place of Work															
12 13	Components of earnings: Wages and salaries	29,484	30,316	31,035	5,867	5,929	6,170	4,764	4,736	4,844	11,307	11,650	12,069	4,159 345	3,967	3,704
13 14	Other labor incomeProprietors' income ⁸	2,611 4,016	2,632 4,438	2,700 4,787 654	528 1,374	5,929 522 1,528	545 1,745	4,764 427 761	409 1,181	423 1,325 353	1,045 1,194	1,047 1,367	1,080 1,478	486	322 520	300 531
14 15 16	Farm Nonfarm ⁸	448 3,568	521 3,917	654 4,133	345 1,029	409 1,118	567 1,178	$-\frac{111}{872}$	1,181 254 927	353 972	45 1,148	108 1,258	151 1,327	-18 504	512	46 484
	Earnings by Industry							!								
17 18	FarmNonfarm	586 35,525 29,324	656 36,730	794 37,727	490 7,280	552 7,427	717 7,743	5,950	359 5,967	457 6,135	91 13,454	153 13,911	197 14,430	29 4,960	54 4,756	91 4,442
18 19 20 21 22 23 24 25 26 27 28	PrivateAgricultural services, forestry, fisheries, and other ⁷	175	30,195 170	30,837 179	5,920 80	7,427 6,021 72	7,743 6,262 86	4,624 37	4,624 30	4,741 33	10,584 42	10,882	11,332 37	3,839 19	3,594 16	3,286 17
21 22	Agricultural services	168 7	161 9	168 10	68 12	64 8	76 10	28 9	. 23 6	26 7	40 2	33 2	35	16 3	14	15 2
23 24	Mining Coal mining	1,580 216	1,267 195	1,067 183 665	150 0	113 0	103 0	233 63	195 60 64	197 54 58 56	380 129 132 93	303 130 70	309 121 59	997 290	816 270	720 243
25 26	Oil and gas extraction Metal mining	216 1,154 183 27	869 172	188	16 98	73	60 60	108 32 30	40	58 56	132 93	76	106	511 38	357 31	291 30
27 28	Nonmetallic minerals, except fuels	27 2,850	31 2,815	32 2,571	36 648	39 653	41 639	30 422	32 413	386	25 1,080	27 1,033	24 937	158 551	158 522	156 369
29 30	Manufacturing	5,463 1.728	5,639 1,787	5,808 1,872	1,360	1,351	1,436	552 203	548 209	549 208 63	2,344 549	2,359 581	2,404 626	197 106	200 109	205 114
31	Food and kindred products	1,728 604 6	5,639 1,787 649 (P)	703 (P)	625 337 0	627 328 0	648 345	552 203 59 0	548 209 62 (P)	63 (P)	549 173	189	626 213 3	22	24	23
32 33 34	Apparel and other textile products Paper and allied products	44 57	45 58	49 57	4 69	1 5	1 5 75	8	9	8	65 27	64 32	63 33 148 82 41			Ĭ 0
35 36	Printing and publishing	496 298 38	508 297 39 (P)	549 294 38 (^D) 147	69 123	73 71 124	75 75 123	32 39 18 43 (P) 2 (P) 349	34 40 19 41	34 42 18 38	129 84	139 82	148 82	1 0 26 11 43 0	1 0 25 13 43 0 3	25 16
37 38	Petroleum and coal products Tobacco manufactures	38 0	39	38	0) 8	0	43	41	38	41 (P)	41	41	43	43	44
39 40	Rubber and miscellaneous plastics products Leather and leather products	143	145	147 34	21 2	2ž	21	(2)	9	3 (P)	28 (P)	32 (P)	(P) 43 (P)	3	3	3 1
41 42	Durable goods Lumber and wood products	3,734 86	3,853 91	3.936	735 412	22 3 724 412	789 436	349 221	(P) 339 221	341 222	65 27 129 84 41 (P) 28 (P) 1,794 66 49	1 64 32 139 82 41 (°) 32 (°) 1,778 60 49	1,778 59 50	91 22	90 24 0 6	92 28 0
43 44	Furniture and fixtures Primary metal industries	58 116	57 99	99 57 75 241	9 2	7	789 436 7 2 45	50	4	46	197	141	108	0 91 22 0 5 10	0 6	5
45 46	Fabricated metal products	86 58 116 282 790	271 840	1,150	9 2 42 156 69 9 6	44 144 68 9	45 156	14 11 8 1	4 42 14 12	13 12	152 408	145 413	144 395	10 21	10 20 2 3 0	9 19
47 48	Electric and electronic equipment Transportation equipment excluding motor vehicles	694 577	693 662	677 734	69 9	68 9	156 86 14	8 1	1 1	1	197 454	203 485 35	200 537	21 1 3	3	2 4
34 35 36 37 38 39 41 42 43 44 45 47 48 49 51	Motor vehicles and equipment	57 293 704	51 285 722	40 261	6 21	19	19	3 26	3 26 2	22 3	33 113	113	39 102	0 26	23	0 22
51 52	Instruments and related products	704 77	722 82	516 87	21 3 7	8	9	9	9	10	78 48	86 48	90 55	26 1 2	23 1 2	1 2
53 54 55	Transportation and public utilities	2,991 222	3,023 193	3,209 164	603	588 97	587 83	710 165	703 154	706 148	1,193 160	1,195 136	1,240 113	531 136	502 125	493 119
55 56	Trucking and warehousing Water transportation	568	571	586	113 213 2	211	221 3	224	225	228	316	324	359	133	125 123 0	130
57 58 59	Other transportation ⁸	706 1,017	987	798 1,182	38 118 119	114 120	47 114	47 121 153	55 110	56 110	164 265 288	186 248	222 248	33 74	33 68 152	31 66
	Electric, gas, and sanitary services	478	1	477	1	{	120	i	158	164	1	302	299	154	\	148
60 61 62 63	Wholesale trade Retail trade	2,254 3,739	2,238 3,849	2,303 3,898 2,887	423 819	426 835 357	441 864 379	367 748 274	344 732 284	346 748 296	1,339	909 1,398 771	894 1,436 834	229 470 177	205 449 177	178 427 173
63 64	Finance, insurance, and real estate Banking and credit agencies Other finance, insurance, and real estate ⁹	2,525 914 1,610	998	1,038 1,849	819 338 155 183	158 199	159 220	136 138	139 145	138 158	692 317 374	346 424	355 479	96 80	94 84	88 85
65 66	Services	7,747 295	8,455 296	8,914 292	1,499	1,626 38	1,727	1,283 55	1,376 54	1,480 54	2,635 68	2,881 58	3,242 59	669 56	707 59	705 55
67	Hotels and other lodging places	407 70	433	451	88 (P)	92 (P)	91 (P)	78 14	77	79 14	127 (P)	136 (P)	143 (P)	45 10	46 10	55 43 9
69 70	Private households Business services	1,726 361	1,890	1,997	372	386	399 97	155	14 169 82	180	480 145	536	626 159	93	91	87
68 69 70 71 72 73 74 75 76 77	Auto repair, services, and garages	. 145	161	163	90 42 24 4	386 96 48 (P)	46 (P) (P)	155 78 32 24 5	34 (P)	180 83 37 (P)	71 76 32	152 73 82	75 87	46 33 15 3	46 33 17 3	45 27 18 2
73 74	Motion pictures Health services	. 35	36 2,200	35	1 493	451	I 519	493	(P) 517	571	32 765	38 847	40 990	161	175	195
75 76	Legal services Educational services	. 622	703	784	92	99	111	94 31	105 32	122	158 183	178 194	210 209	54 10 27	58 10	62
77 78	Social services	168	188	196 5	(D)	99 45 36	47 39 0	43 1 77	45 (P) 77	122 34 50 (P) 79	44 (P)	46 (P)	52 (b)	1 1	58 10 27 1	28
79 80	Membership organizations	. 316			78 158	1 82	85 213	77 107	77 135	79 141	223 244	237 284	256 316	37 79	38 95	39 83
81	Government and government enterprises.	6,201	6,536	6,891	1,360	1,406	1,481	1,326	1,343	1,394	2,870	3,029	3,098	1,121	1,162	1,157
82 83 84	Federal, civilian Military State and local	1,439 820 3,942	879		132	302 146 959	319 154 1,007	328 97 901	321 104 917	344 112 938	1,011 189 1,670	1,026 200 1,803	1,053 209 1,837	184 90 847	186 95 881	197 101 859
-04		0,542	4,200	2,409	920	909	1,007	301	917	998	1,010	1,003	1,007	041	001	009

^p Not shown to avoid disclosure of confidential information; estimates are included in totals.

1. Farm income consists of proprietors' net income; the cash wages, pay-in-kind, and other labor income of hired farm workers; and the salaries of officers of corporate farms.

2. Midyear population estimates of the Bureau of the Census.

^{3.} Personal contributions for social insurance are included in earnings by type and industry but excluded from personal income.

4. U.S. adjustment for residence consists of adjustments for border workers: Earnings of U.S. residents commuting outside U.S. borders to work less earnings of foreign residents commuting inside U.S. borders to work plus certain Caribbean seasonal workers.

Major Sources, 1985-87—Continued

of dollars]

F	ar West	0		California			Nevada			Oregon		W	ashingto	n		Alaska			Hawaii		
1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987	Line
531,841 524,380 7,460	570,474 562,364 8,110	618,513 609,301 9,211	422,142 416,364 5,778	453,404 447,498 5,906	492,989 486,238 6,750	13,791 13,761 30	14,949 14,912 37	16,484 16,427 57	33,955 33,328 627	35,778 35,001 777	38,245 37,327 918	61,953 60,927 1,026	66,343 64,953 1,389	70,795 69,309 1,486	9,777 9,768 9	9,780 9,765 15	9,576 9,561 15	14,576 14,316 260	15,634 15,336 298	16,972 16,652 321	
34,393 15,463	35,133 16,237	35,933 17,213	26,358 16,016	27,001 16,792	27,663 17,821	940 14,671	967 15,453	1,007 16,366	2,689 12,628	2,702 13,239	2,724 14,041	4,406 14,060	4,463 14,866	4,538 15,599	522 18,726	532 18,378	525 18,230	1,051 13,867	1,065 14,683	1,083 15,679	
389,251 23,191 227 366,288 90,893 74,660	420,217 25,245 131 395,103 95,555 79,816	457,802 27,250 49 430,602 103,026 84,885	311,316 18,532 250 293,034 71,780 57,328	336,449 20,214 203 316,438 75,396 61,570	367,656 21,868 183 345,971 81,586 65,431	10,342 478 -246 9,618 2,296 1,878	11,185 519 -263 10,404 2,472 2,073	12,426 571 -305 11,550 2,689 2,246	23,902 1,586 -212 22,105 6,218 5,632	25,333 1,691 -197 23,445 6,513 5,820	27,233 1,805 -226 25,201 6,901 6,143	43,692 2,595 435 41,532 10,600 9,822	47,250 2,821 388 44,817 11,173 10,353	50,487 3,005 398 47,880 11,850 11,065	8,721 549 -542 7,630 949 1,199	8,421 521 - 459 7,441 993 1,346	8,050 497 422 7,131 991 1,454	10,991 678 10,313 2,189 2,074	11,836 716 11,120 2,319 2,195	12,919 778 12,141 2,506 2,326	1 1
314,044 29,730 45,477 5,143 40,334	337,477 31,365 51,375 5,793 45,582	367,615 33,798 56,389 6,746 49,643	250,455 24,158 36,702 3,968 32,734	269,662 25,558 41,229 4,093 37,136	294,691 27,604 45,361 4,815 40,546	8,987 617 739 9 729	9,688 665 832 17 815	10,758 730 939 36 902	18,907 1,875 3,120 441 2,679	19,927 1,874 3,532 592 2,940	21,338 2,008 3,886 724 3,163	35,696 3,080 4,916 724 4,192	38,200 3,268 5,782 1,091 4,691	40,828 3,457 6,203 1,171 5,032	7,130 608 983 7 976	6,808 577 1,036 12 1,023	6,438 571 1,041 13 1,028	9,183 759 1,050 109 941	9,781 842 1,214 146 1,067	10,669 941 1,309 159 1,150	1 1 1 1 1
7,460 381,791 319,066 3,053 2,505 548 3,176 51	8,110 412,107 345,605 3,227 2,515 712 2,070 53	9,211 448,591 377,209 3,729 2,900 830 2,289 52	5,778 305,538 257,060 2,375 2,188 187 2,663 (P)	5,906 330,542 278,792 2,425 2,199 225 1,710 (P)	6,750 360,905 305,220 2,790 2,527 263 1,802 (^a)	30 10,312 8,702 41 32 8 233 0	37 11,148 9,453 43 33 10 233 0	57 12,369 10,524 49 38 11 317 0	627 23,275 19,209 197 94 103 94 (P)	777 24,556 20,390 212 94 118 35 (P)	918 26,315 21,869 252 112 140 49 (P)	1,026 42,666 34,096 440 191 249 185 34	1,389 45,860 36,970 548 189 359 93 (°)	1,486 49,001 39,596 638 223 415 120 (P)	9 8,712 6,097 135 11 123 643 (P)	15 8,406 5,722 188 9 178 651 11	15 8,036 5,361 200 9 190 617 10	260 10,732 7,300 49 38 10 22	298 11,538 8,013 55 43 13 -2	321 12,599 8,933 65 49 16 7	1 1 1 2 2 2 2 2 2 2 2 2 2
2,485 271 368 24,705 77,038	1,304 312 401 27,496 80,723	1,424 410 404 30,191	2,295 (P) 261 19,964 61,963	1,308 (P) 288 22,220	1,386 (P) 289 24,577 68,529	34 155 44 808	5 185 43 935 551	11 264 42 1,018	55 (P) 27 1,193	-5 (P) 29 1,310	8 (P) 31 1,367	101 13 37 2,740 9,211	-4 (P) 41 3,031 10,055	18 (P) 42 3,229 10,507	602 (P) 7 1,213	614 22 5 948 363	571 32 5 782 395	21 0 1 658 527	-3 0 1 773 545	2 0 5 904 567	4
20,347 5,755 321 1,709 2,176 4,328 2,589 1,743	21,356 5,916 355 1,878 2,283 4,658 2,698 1,704	85,462 23,002 6,198 405 2,161 2,395 5,133 2,914 1,685	16,416 4,533 271 1,576 1,187 3,599 2,084 1,636	64,585 17,254 4,669 305 1,744 1,258 3,873 2,173 1,594	18,663 4,898 345 2,021 1,329 4,275 2,374	529 163 36 2 5 3 69 22 2	179 38 2 5 3 77 24 2	203 39 1 5 3 91 24	5,336 1,293 478 30 36 353 252 61 12	1,351 488 (P) 38 367 265 61	5,838 1,447 510 (P) 41 382 295 66 16	9,211 2,475 708 19 92 633 407 422 94	2,572 721 (^b) 91 655 442 439 92	2,689 751 (P) 94 681 471 449 97	244 132 (P) 1 26 47 21	256 138 0 1 32 46 19	273 154 0 1 38 40 19	424 200 (P) 35 6 140 12 24	433 209 4 39 6 135 12 24	448 215 4 38 7 140 12 27	
1,604 121 56,691 4,291 1,279	1,731 132 59,367 4,497 1,309	1,975 135 62,460 4,885 1,427	1,420 109 45,547 1,423 1,152	1,521 115 47,331 1,559 1,176	1,571 1,733 117 49,867 1,774 1,287	(P) 24 (P) 365 19 6	(P) 29 (P) 372 22 8	(P) 37 (P) 385 25 11	(D) 64 (P) 4,043 1,785 50	16 0 77 (^D) 4,182 1,824 53	0 89 (P) 4,390 1,932 54	0 96 5 6,736 1,064 70	(^D) 105 (^D) 7,483 1,093 72	(D) 116 (P) 7,818 1,153 75	0 1 (P) 105 67 1	0 1 0 107 77 (P)	0 1 0 122 95	0 3 (b) 103 8 9	0 3 1 112 8 (^D)	0 3 1 119 9 (P)	4
2,081 4,597 8,560 14,218 13,531 1,167 1,785 4,073 1,108	2,094 4,628 8,608 14,483 15,199 1,175 1,893 4,356 1,125	2,142 4,632 8,901 15,225 16,153 1,267 2,006 4,598 1,224	1,275 4,032 7,557 13,485 9,948 950 1,480 3,337 906	1,311 4,048 7,562 13,711 10,944 942 1,577 3,589 912	1,346 4,035 7,881 14,387 11,696 959 1,663 3,852 987	39 30 68 68 7 17 43 18 50	35 32 67 64 20 46 21 54	40 33 65 65 8 4 51 23 61	296 278 449 347 138 143 84 416 57	300 276 460 356 195 140 91 429 58	342 278 487 403 182 159 100 384 69	470 257 485 318 3,438 57 178 302 95	447 272 520 352 4,056 74 179 318 101	415 286 468 370 4,266 145 192 339 106	0 7 4 0 4 (P) 19 (P) 2	5 3 0 15 (P)	5 2 0 4 0 14 (P) 2	17 4 15 (P) 37 (P) 11	20 4 2 16 1 89 (P)	21 3 3 16 1 40 (P) 12	4444
25,866 1,446 5,966 1,161 5,468 7,619 4,206	27,492 1,336 6,268 1,208 6,528 7,614 4,539	28,744 1,236 6,827 1,276 6,886 7,744 4,775	20,119 948 4,438 796 4,382 6,186 3,369	21,518 876 4,665 847 5,300 6,182 3,647	22,450 808 5,087 876 5,580 6,269 3,830	760 53 123 3 210 179 192	813 45 128 3 252 178 207	878 37 146 5 283 181 226	1,888 197 673 73 181 410 354	1,920 181 710 74 207 383 366	2,030 166 771 79 234 392 387	3,099 248 732 290 695 843 292	3,240 234 765 284 769 870 318	3,386 225 823 316 789 902 332	806 0 117 53 308 213 114	750 0 98 42 300 201 109	724 1 89 37 300 194 104	903 83 77 395 245 103	983 90 77 452 251 113	1,105 97 94 524 269 120	10 10 10 10 10
24,878 39,519 25,080 9,599 15,482	26,702 42,227 29,249 10,800 18,449	27,958 44,991 33,368 11,785 21,583	19,974 31,256 21,052 7,984 13,068	21,555 33,490 24,748 9,002 15,745	22,509 35,692 28,442 9,887 18,555	390 1,110 476 188 289	421 1,177 537 219 318	498 1,300 585 236 349	1,704 2,652 1,199 466 733	1,788 2,806 1,315 500 815	1,869 2,952 1,452 522 930	2,809 4,502 2,353 961 1,392	2,938 4,754 2,650 1,079 1,571	3,082 5,047 2,889 1,140 1,749	310 797 382 165 217	283 731 387 169 218	252 678 352 150 202	443 1,263 744 246 497	466 1,348 844 279 565	506 1,518 927 300 627	
95,751 4,040 4,001 1,413 22,454 4,483 2,132 3,360 3,590	106,420 4,304 4,326 1,435 25,068 4,890 2,177 3,870 3,766	120,475 4,856 4,723 1,472 28,349 5,292 2,200 4,299 4,423	77,694 1,968 3,103 1,231 19,328 3,602 1,752 2,450 3,529	86,542 2,118 3,361 1,252 21,584 3,935 1,752 2,908 3,700	98,429 2,411 3,698 1,285 24,324 4,273 1,746 3,276 4,347	4,355 1,751 132 27 640 107 41 558 8	4,744 1,865 137 27 697 119 46 578	5,290 2,105 146 28 751 132 49 601 16	4,945 137 263 58 847 289 121 103 18	5,472 145 286 58 956 316 143 111	6,060 159 300 59 1,084 337 154 123 20	8,757 185 503 98 1,639 486 217 249 35	9,661 175 542 98 1,832 521 236 273 40	10,697 180 578 100 2,190 550 250 299 40	1,462 82 77 8 313 72 48 22	1,421 82 73 8 277 68 46 27	1,360 80 70 8 255 65 42 26 8	2,690 518 108 33 424 110 34 85 18	3,001 558 118 33 492 119 39 95	3,334 620 127 33 542 131 43 106 20	
25,298 7,100 2,855 1,894 87 3,369 9,674	27,518 8,182 2,922 2,154 101 3,542 12,165	31,525 9,850 3,114 2,479 115 3,799 13,981	20,241 5,861 2,425 1,453 77 2,612 8,062	21,997 6,791 2,479 1,673 89 2,743 10,160	25,350 8,286 2,628 1,947 101 2,953 11,803	566 143 17 31 0 93 243	670 159 18 33 0 101 286	789 195 22 38 1 113 303	1,750 882 156 159 6 241 415	1,882 425 164 179 7 252 529	2,111 478 179 200 7 268 580	2,742 714 257 251 4 423 954	2,969 808 261 268 5 445 1,189	3,275 891 285 295 6 465 1,295	296 98 22 80 1 80 255	301 95 24 84 1 83 244	302 97 26 83 0 82 216	650 217 105 60 7 110 213	704 238 120 66 7 116 277	788 281 130 74 8 124 310	
62,725 12,288 7,866 42,571	66,501 12,355 8,143 46,002	71,382 13,109 8,361 49,912	48,478 9,302 6,346 32,831	51,750 9,386 6,589 35,774	55,685 9,910 6,771 39,003	1,610 286 217 1,107	1,695 296 221 1,178	1,845 328 231 1,287	4,066 811 99 3,157	4,166 810 112 3,244	4,446 879 112 3,456	8,570 1,889 1,205 5,476	8,890 1,863 1,221 5,807	9,405 1,992 1,247 6,166	2,615 514 476 1,625	2,684 527 500 1,657	2,675 550 538 1,587	8,432 966 1,274 1,192	3,525 950 1,299 1,277	3,666 990 1,325 1,351	

^{5.} Includes the capital consumption adjustment for rental income of persons.
6. Includes the inventory valuation and capital consumption adjustments.
7. 'Other' consists of the wages and salaries of U.S. residents employed by international organizations and by foreign embassies and consulates located in the United States.

^{8.} Includes local, interurban, and highway passenger transit, transportation by air, pipelines (except natural gas), and transportation services.

9. Includes security and commodity brokers and services; insurance carriers, agents, brokers, and services; real estate; holding and other investment companies; and combinations of the above.

10. Far West Region totals do not include Alaska and Hawaii.

U.S. Direct Investment Abroad: Detail for Position and Balance of Payments Flows, 1987

The following 30 tables contain BEA's country-by-industry estimates, and estimates by detailed account, of the position and related capital and income flows for U.S. direct investment abroad. They also contain estimates of the position, capital flows, and income for all countries and for all industries in which there was investment.

Summary position and flow estimates, and analyses of the estimates, were published in the June Survey of Cur-RENT BUSINESS. Two other articles on U.S. direct investment abroad—"Capital Expenditures by Majority-Owned Foreign Affiliates of U.S. Companies, 1988" and "U.S. Multinational Companies: Operations in 1986"—appeared in the March and June Surveys, respectively.

Tables for 1986 and 1987 that show subtotals for European Communities and for Other Europe differ from the corresponding tables for 1985. In 1986, Portugal and Spain became members of the European Communities; thus, in the tables for 1986 and 1987, estimates for Portugal and Spain are included in the subtotal for European Communities rather than in that for Other Europe.

Note.—The quarterly survey from which the annual estimates of U.S. direct investment abroad were derived was conducted by Patricia C. Walker, Chief, U.S. Direct Investment Abroad Branch, Patricia E. Di-Venuti, Richard J. McDermott, Mark New, and Dwayne Torney assisted in preparing the estimates. Smith W. Allnutt III, Chief, Data Retrieval and Analysis Branch, designed the computer programs for data retrieval and tabular presentation.

Table 1.—U.S. Direct Investment Position Abroad

	Direct in	vestment	position		Chang	ge	
	Mill	ions of dol	lars	Millions o	of dollars	Perc	ent
	1985	1986	1987	1986	1987	1986	1987
All areas	230.250	259,562	308.793	29.312	49,231	12.7	19.0
Petroleum	57,695	61,731	66,381	4.036	4,650	7.0	7.5
Manufacturing	94,700	104,877	126,640	10,178	21,763	10.7	20.8
Other	77,855	92,954	115,772	15,098	22,818	19.4	24.5
Developed countries	172,058	194,691	233,315	22,633	38,625	13.2	19.8
Petroleum	36,605	39,479	43,762	2,874	4,283	7.9	10.8
Manufacturing	75,564	85,015	104,759	9,451	19,744	12.5	23.2
Other	59,889	70,197	84,794	10,308	14,597	17.2	20.8
Canada	46,909	49,994	56,879	3,085	6,885	6.6	13.8
Petroleum	10,469	10,922	11,931	453	1,009	4.3	9.2
Manufacturing	21,831	23,406	25,800	1,575	2,394	7.2	10.2
Other	14,609	15,665	19,148	1,057	3,483	7.2	22.2
Europe	105,171	122,165	148,954	16,994	26,789	16.2	21.9
Petroleum	21,739	23,803	25,785	2,064	1,982	9.5	8.3
Manufacturing	45,375	51,988	67,475	6,614	15,487	14.6	29.8
Other	38,058	46,374	55,693	8,316	9,319	21.9	20.1
Other	19,978	22,532	27,482	2,554	4,951	12.8	22.0
Petroleum	4,397	4,754	6,046	357	1,292	8.1	27.2
Manufacturing	8,358	9,620	11,483	1,263	1,863	15.1	19.4
Other	7,223	8,157	9,953	935	1,796	12.9	22.0
Developing countries		60,270	71,174	7,505	10,904	14.2	18.1
Petroleum	16,533	18,495	19,009	1,962	514	11.9	2.8
Manufacturing	19,136	19,862	21,881	726	2,019	3.8	10.2
Other	17,096	21,913	30,284	4,817	8,372	28.2	38.2
Latin America	28,261	34,790	42,337	6,529	7,547	23.1	21.7
Petroleum	4,708	5,714	5,771	1,006	57	21.4	1.0
Manufacturing	14,733	14,785	15,902	51	1,117	.3	7.6
Other	8,820	14,291	20,664	5,471	6,373	62.0	44.6
Other	24,504	25,480	28,837	977	3,357	4.0	13.2
Petroleum	11,825	12,780	13,238	956	457	8.1	3.6
Manufacturing		5,078	5,979	675	902	15.3	17.8
Other	8,276	7,622	9,620	-654	1,998	-7.9	26.2
International	5,428	4,602	4,304	-826	-298	-15.2	-6.5

^{*} Less than 0.05 percent (\pm)

Table 2.—U.S. Direct Investment Position Abroad by Account

			1986					1987		
			Int	ercompany de	ebt			Int	ercompany de	ebt
	Total	Equity 1	Total	U.S. parents' receivables	U.S. parents' payables	Total	Equity 1	Total	U.S. parents' receivables	U.S. parents' payables
All areas Petroleum Manufacturing Other	259,562 61,731 104,877 92,954	270,348 56,553 95,277 118,519	$\begin{array}{r} -10,786 \\ 5,178 \\ 9,601 \\ -25,565 \end{array}$	55,344 15,226 18,648 21,471	66,130 10,047 9,047 47,036	308,793 66,381 126,640 115,772	313,264 61,068 117,543 134,653	-4,471 5,314 9,097 -18,882	58,537 14,173 19,897 24,467	63,007 8,860 10,799 43,348
Developed countries	194,691 39,479 85,015 70,197	175,091 33,951 77,130 64,010	19,600 5,528 7,885 6,187	35,918 8,452 14,079 13,386	16,318 2,924 6,194 7,200	233,315 43,762 104,759 84,794	210,619 37,851 96,596 76,172	22,697 5,911 8,163 8,622	39,982 7,956 15,665 16,360	17,285 2,045 7,502 7,738
Canada Petroleum Manufacturing Other	49,994 10,922 23,406 15,665	45,138 10,192 21,234 13,712	4,856 731 2,172 1,953	8,459 1,038 4,783 2,638	3,603 307 2,611 685	56,879 11,931 25,800 19,148	50,922 11,111 23,950 15,861	5,958 820 1,851 3,287	9,816 1,074 4,921 3,821	3,858 254 3,070 535
Europe	122,165 23,803 51,988 46,374	110,833 19,452 47,370 44,011	11,332 4,351 4,618 2,363	22,547 6,500 7,887 8,160	11,215 2,149 3,269 5,797	148,954 25,785 67,475 55,693	136,413 21,458 62,353 52,602	12,541 4,327 5,123 3,092	24,500 5,899 9,199 9,403	11,959 1,572 4,076 6,311
Other Petroleum Manufacturing Other	22,532 4,754 9,620 8,157	19,120 4,308 8,525 6,287	3,412 446 1,095 1,870	4,912 914 1,410 2,588	1,501 468 315 718	27,482 6,046 11,483 9,953	23,285 5,282 10,293 7,709	4,198 764 1,190 2,244	5,666 984 1,545 3,136	1,468 220 355 893
Developing countries Petroleum Manufacturing Other	60,270 18,495 19,862 21,913	90,340 18,572 18,147 53,622	-30,071 -77 $1,716$ $-31,709$	18,728 6,230 4,568 7,930	48,799 6,307 2,853 39,639	71,174 19,009 21,881 30,284	98,122 19,456 20,947 57,719	-26,948 -447 934 -27,435	17,850 5,619 4,232 7,999	44,798 6,067 3,298 35,434
Latin AmericaPetroleumManufacturingOther	34,790 5,714 14,785 14,291	64,307 5,274 12,494 46,538	$\begin{array}{r} -29{,}517\\ 440\\ 2{,}290\\ -32{,}248\end{array}$	10,284 1,353 3,032 5,899	39,801 913 741 38,147	42,337 5,771 15,902 20,664	68,587 5,551 14,087 48,949	-26,251 220 $1,815$ $-28,285$	9,935 1,228 2,814 5,893	36,185 1,008 999 34,178
Other Petroleum Manufacturing Other	25,480 12,780 5,078 7,622	26,034 13,298 5,652 7,084	-554 -517 -575 538	8,445 4,877 1,537 2,031	8,998 5,395 2,111 1,492	28,837 13,238 5,979 9,620	29,535 13,905 6,860 8,770	-698 -668 -881 850	7,915 4,391 1,418 2,106	8,613 5,059 2,298 1,255
International	4,602	4,917	-315	698	1,013	4,304	4,522	_219	705	924

^{1.} Includes capital stock, additional paid-in capital, and retained earnings.

Table 3.—Change in the U.S. Direct Investment Position Abroad by Account

		[2,2211	ions of dollar							
				Equity capital		outflows	Tn	tercompany d	eht	
	Total	Total	Net	Increases	Decreases	Reinvested earnings	Net	Increases in U.S. parents' receivables	Increases in U.S. parents' payables 1	Valuation adjust- ments
					19	86		•	•	
All areas Petroleum Manufacturing	29,312	27,811	274	12,226	11,952	19,709	7,828	709	-7,120	1,501
	4,036	3,964	1,541	3,064	1,524	470	1,953	-2,369	-4,322	73
	10,178	9,838	-3,216	1,435	4,652	11,158	1,897	2,443	546	339
	15,098	14,010	1,950	7,727	5,777	8,080	3,979	635	-3,344	1,089
Developed countries Petroleum Manufacturing Other	22,633	19,803	-682	6,837	7,519	18,680	1,805	1,690	-114	2,830
	2,874	2,664	679	1,127	448	1,546	438	-695	-1,134	210
	9,451	8,941	-2,977	1,076	4,053	10,253	1,664	1,759	94	510
	10,308	8,199	1,616	4,634	3,018	6,881	298	627	925	2,109
Canada	3,085	2,644	-273	1,029	1,302	2,076	841	971	130	441
Petroleum	453	372	320	463	143	391	443	205	-238	81
Manufacturing	1,575	1,491	-315	91	406	1,465	341	706	365	84
Other	1,057	781	-277	475	752	1,002	56	59	3	276
Burope	16,994	15,376	$ \begin{array}{r} -282 \\ 272 \\ -2,502 \\ 1,948 \end{array} $	5,052	5,334	14,192	1,465	859	-606	1,618
Petroleum	2,064	2,029		577	304	1,316	441	-701	-1,142	35
Manufacturing	6,614	6,511		530	3,032	7,754	1,259	1,058	-202	103
Other	8,316	6,835		3,945	1,998	5,123	—235	502	737	1,481
Other	2,554	1,783	-127	756	883	2,412	-502	-139	362	771
	357	262	87	87	1	621	-446	-200	246	95
	1,263	939	-159	455	614	1,034	64	-5	69	324
	935	583	-54	213	268	756	-119	66	185	352
Developing countries Petroleum Manufacturing Other	7,505	8,804	966	5,361	4,395	1,677	6,161	-871	-7,032	-1,299
	1,962	2,067	887	1,931	1,044	-476	1,656	-1,633	-3,290	-106
	726	897	-240	359	599	905	232	684	452	-171
	4,817	5,839	318	3,071	2,753	1,248	4,272	78	-4,194	-1,022
Latin America Petroleum Manufacturing Other	6,529	7,360	292	3,308	3,016	1,933	5,135	294	-4,842	-832
	1,006	1,076	463	570	107	239	374	310	-684	-70
	51	425	127	309	436	396	156	209	52	-374
	5,471	5,859	43	2,429	2,473	1,298	4,605	395	-4,210	-388
Other	977	1,443	$^{673}_{\begin{subarray}{c}424\\-113\\362\end{subarray}}$	2,053	1,380	-256	1,026	-1,164	-2,190	-467
Petroleum	956	991		1,361	937	-715	1,282	-1,323	-2,606	-36
Manufacturing	675	472		50	163	508	76	476	400	203
Other	—654	20		642	280	-49	-333	-317	16	-634
International	-826	-795	-10	28	38	-649	-137	: -111	26	-31
					19	187		· 1	· 	
All areas	49,231	44,455	2,470	11,366	8,8 96	35,669	6,315	3,192	-3,123	4,776
Petroleum	4,650	4,657	1,589	2,808	1,219	2,933	135	-1,052	-1,188	-7
Manufacturing	21,763	20,087	205	1,870	1,665	20,385	503	1,249	1,753	1,676
Other	22,818	19,711	676	6,687	6,011	12,352	6,684	2,996	-3,688	3,107
Developed countries Petroleum Manufacturing Other	38,625	34,109	772	6,738	5, 966	30,240	3,097	4,064	967	4,516
	4,283	4,109	1,253	1,883	629	2,473	383	-496	-879	174
	19,744	18,302	116	1,439	1,323	17,908	278	1,586	1,308	1,442
	14,597	11,698	597	3,416	4,014	9,859	2,436	2,974	538	2,900
Canada	6,885	6,358	408	1,246	838	4,848	1,102	1,357	255	528
Petroleum	1,009	920	- 26	52	78	856	90	36	- 54	89
Manufacturing	2,394	2,351	188	298	110	2,484	-322	138	460	43
Other	3,483	3,087	245	895	650	1,508	1,334	1,183	- 151	395
Europe Petroleum Manufacturing Other	26,789	23,724	798	4,484	3,686	21,718	1,209	1,953	745	3,064
	1,982	1,896	609	1,139	530	1,311	-24	-601	-577	86
	15,487	14,130	117	1,084	967	13,508	505	1,313	808	1,357
	9,319	7,698	72	2,261	2,189	6,898	728	1,242	514	1,621
Other Petroleum Manufacturing. Other	4,951	4,027	-433	1,008	1,442	3,674	786	758	-33	924
	1,292	1,293	670	692	22	306	318	70	-248	-1
	1,863	1,821	-189	57	245	1,915	95	135	40	42
	1,796	912	-915	260	1,175	1,454	373	548	175	884
Developing countries Petroleum Manufacturing Other	10,904	10,507	1,718	4,600	2,882	5,667	3,122	-879	-4,001	398
	514	564	308	898	590	626	-370	-611	-240	-49
	2,019	1,785	89	431	343	2,478	-782	-336	445	234
	8,372	8,159	1,321	3,271	1,950	2,563	4,274	69	-4,206	213
Latin America	7,547	7,166	392	2,315	1,922	3,507	3,267	-349	-3,616	382
Petroleum	57	15	-14	28	41	249	- 220	-125	95	42
Manufacturing	1,117	963	77	334	256	1,361	- 475	-218	258	154
Other	6,373	6,188	328	1,953	1,625	1,897	3,962	-6	-3,969	186
Other Petroleum Manufacturing Other	3,357	3,341	1,325	2,286	960	2,160	-144	-530	-386	16
	457	549	322	870	549	377	-150	-486	-336	-91
	902	822	11	98	86	1,116	-306	-119	187	80
	1,998	1,971	993	1,318	325	666	312	75	-237	27
International	-298	-161	20	27	48	-237	96	7	-89	-138

^{1.} An increase in U.S. parents' payables is a decrease in intercompany debt and, thus, a capital inflow.

Table 4.—U.S. Direct Investment Abroad: Earnings and Reinvestment Ratios

[Millions of dollars or ratio]

	4, 5.4	19	86			19	87		1986-8	7 change in e	arnings
		Earnings		Reinvest-		Earnings		Reinvest-	Total	Distributed	Reinvested
	Total	Distributed	Reinvested	ment ratio ¹	Total	Distributed	Reinvested	ment ratio ¹	Total	Distributed	Reinvesteu
All areas	43,158 8,271 18,586 16,301	23,449 7,801 7,428 8,220	19,709 470 11,158 8,080	.46 .06 .60 .50	55,970 8,095 27,513 20,362	20,300 5,162 7,128 8,010	35,669 2,933 20,385 12,352	.64 .36 .74 .61	12,812 -177 8,927 4,061	-3,149 -2,639 -300 -210	15,961 2,462 9,228 4,271
Developed countries	32,672 6,327 16,014 10,331	13,991 4,780 5,761 3,450	18,680 1,546 10,253 6,881	.57 .24 .64 .67	43,765 5,591 23,686 14,487	13,525 3,118 5,779 4,628	30,240 2,473 17,908 9,859	. 69 .44 .76 .68	11,093 -736 7,672 4,157	-466 -1,662 18 1,178	11,559 926 7,655 2,979
CanadaPetroleum	5,147 905 2,765 1,477	3,071 1,296 1,300 475	2,076 -391 1,465 1,002	.40 .53 .68	6,978 1,440 3,560 1,978	2,130 584 1,075 470	4,848 856 2,484 1,508	.69 .59 .70 .76	1,830 534 795 501	-942 -712 -224 -5	2,772 1,247 1,019 506
EuropePetroleum	23,126 4,239 11,284 7,603	8,934 2,923 3,530 2,480	14,192 1,316 7,754 5,123	.61 .31 .69 .67	31,239 3,227 17,472 10,541	9,522 1,915 3,964 3,643	21,718 1,311 13,508 6,898	.70 .41 .77 .65	8,113 -1,012 6,187 2,938	588 -1,008 433 1,162	7,525 -5 5,754 1,775
Other Petroleum Manufacturing Other	4,398 1,182 1,965 1,251	1,986 561 931 494	2,412 621 1,034 756	.55 .53 .53 .60	5,548 924 2,655 1,969	1,874 619 740 515	3,674 306 1,915 1,454	.66 .33 .72 .74	1,150 -258 690 718	-113 58 -191 21	1,262 -316 881 697
Developing countries Petroleum Manufacturing Other	10,905 2,342 2,572 5,991	9,228 2,818 1,667 4,743	1,677 -476 905 1,248	.15 .35 .21	12,284 2,568 3,827 5,889	6,618 1,942 1,349 3,326	5,667 626 2,478 2,563	.46 .24 .65 .44	1,380 227 1,255 -102	-2,610 -875 -318 -1,417	3,990 1,102 1,573 1,315
Latin America Petroleum Manufacturing Other	654	5,593 415 1,340 3,838	1,933 239 396 1,298	.26 .37 .23 .25	7,182 490 2,314 4,377	3,675 241 953 2,481	3,507 249 1,361 1,897	.49 .51 .59 .43	-344 -164 579 -758	-1,918 -174 -386 -1,358	1,574 10 965 599
Other Petroleum Manufacturing Other	3,379 1,688 836 855	3,635 2,403 328 904	-256 -715 508 -49	2 2 .61	5,103 2,078 1,512 1,512	2,943 1,701 396 846	2,160 377 1,116 666	.42 .18 .74 .44	1,728 391 676 657	-692 -702 68 -59	2,416 1,092 608 716
International	-419	230	-649	2	-80	157	-237	2	339	-73	412

Note.—Earnings and reinvested earnings include all increases (gains) and decreases (losses) in affiliate book value resulting from changes in the exchange rate at which foreign currency-denominated assets or liabilities are translated into U.S. dollars. Most of these gains and losses are

Table 5.—Selected Transactions With, and Position in, Netherland **Antillean Finance Affiliates** [Millions of dollars]

Lìne		1982	1983	1984	1985	1986	1987
1 2 3 4 5	Direct investment position Equity '	12,485 -32,574 562	-38,296	-25,078 16,911 -41,989 539 42,527	-20,784 16,684 -37,468 1,172 38,640	16,692 -32,770	$\begin{array}{r} -13,500 \\ 16,256 \\ -29,756 \\ 761 \\ 30,518 \end{array}$
6 7 8 9 10	Capital outflows Equity capital Reinvested earnings. Intercompany debt, net. Increases in U.S. parents' receivables. Increases in U.S. parents' payables ² .	4,173 796	-3,136 1,411 994 -5,542 -164 5,378	-1,977 982 895 -3,855 -40 3,814	4,245 -864 902 4,208 695 -3,513	5,317 785 -388 4,920 163 -4,757	2,558 -928 472 3,014 -574 -3,587
12 13 14 15	Income (13 - 14 + 15)	-1,997 1,067 (*) -3,064	-3,246 1,358 14 -4,591	-3,430 1,769 2 -5,196	-3,132 1,643 3 -4,772	-2,752 1,138 2 -3,888	$ \begin{array}{r} -2,174 \\ 1,078 \\ 2 \\ -3,251 \end{array} $

* Less than \$500,000.

1. Includes additional paid-in capital and retained earnings.

2. An increase in U.S. parents' payables is a decrease in intercompany debt and, thus, a capital inflow.

Note.—This table shows only transactions with, and positions in, affiliates established to borrow funds abroad and relend them to their U.S. parents.

excluded from the affiliate's calculation of its own earnings and reinvested earnings. An alternative measure of reinvestment ratios—one that more closely approximates the reinvestment ratio from the affiliate's, not from the U.S. balance of payments, perspective—excludes such amounts from earnings and reinvested earnings. For 1986 and 1987, this alternative measure results in reinvestment ratios of approximately 0.30 and 0.50, respectively.

Table 6.—U.S. Direct Investment Abroad: Income

		Income			Chan	ge	
	Milli	ons of dol	lars	Millio		Perc	ent
	1985	1986	1987	1986	1987	1986	1987
All areas	33,202	38,417	52,308	5.216	13.891	15.7	36.2
Petroleum	9,306	8,065	8,130	-1.242	65	-13.3	.8
Manufacturing	14,677	17,911	27,041	3,234	9,131	22.0	51.0
Other	9,219	12,442	17,137	3,224	4,695	35.0	37.7
Developed countries	26,098	32,144	43,342	6,045	11,198	23.2	34.8
Petroleum	5,977	6,226	5,541	250	_686	4.2	-11.0
Manufacturing	12,610	15,589	23,351	2,978	7,762	23.6	49.8
Other	7,512	10,329	14,450	2,817	4,121	37.5	39.9
Canada	4,307	5,086	7,022	778	1,936	18.1	38.1
Petroleum	1,306	841	1,450	-465	609	-35.6	72.4
Manufacturing	2,135	2,738	3,539	603	800	28.2	29.2
Other	866	1,506	2,033	641	526	74.0	34.9
Europe	19,800	22,781	30,860	2,981	8,079	15.1	35.5
Petroleum	4,044	4,232	3,204	188	-1,028	4.6	-24.3
Manufacturing	9,721	10,956	17,217	1,236	6,260	12.7	57.1
Other	6,035	7,592	10,439	1,557	2,847	25.8	37.5
Other	1,991	4,277	5,460	2,286	1,183	114.8	27.7
Petroleum	626	1,153	886	527	-267	84.2	-23.1
Manufacturing	754	1,894	2,595	1,140	701	151.1	37.0
Other	611	1,230	1,978	619	748	101.4	60.8
Developing countries	6,845	6,685	9,029	-160	2,344	-2,3	35.1
Petroleum	3,065	2,228	2,644	836	416	-27.3	18.7
Manufacturing	2,067	2,322	3,690	255	1,369	12.3	58.9
Other	1,714	2,135	2,695	422	560	24.6	26.2
Latin America	2,338	3,403	3,870	1,065	467	45.5	13.7
Petroleum	446	627	488	180	-139	40.4	-22.1
Manufacturing	1,434	1,520	2,208	86	687	6.0	45.2
Other	457	1,255	1,174	798	-81	174.4	-6.5
Other	4,507	3,283	5,159	-1,224	1,877	-27.2	57.2
Petroleum	2,618	1,601	2,156	-1,017	554	-38.8	34.6
Manufacturing	632	801	1,483	169	681	26.7	85.0
Other	1,256	880	1,521	-376	641	-29.9	72.8
International	258	-412	-63	-670	349	(1)	(1)

^{1.} The percent change is not calculated because income is negative in one or both years.

Reinvested earnings divided by earnings.
 Reinvestment ratio is not defined because reinvested earnings are negative.

Table 7.—Source and Relationship of Income and Its Components

[Millions of dollars]

Line		1987 amount	Source and relationship
1 2 3	Earnings	15,642	2 + 3 Reported ¹ Extrapolated ²
4 5	Distributed earnings Reinvested earnings	20,300 35,669	$\begin{array}{c} 6 + 11 \\ 1 - 4 \end{array}$
6	Withholding taxes on distributed earnings	1,269	Extrapolated ²
7	Interest (net of withholding taxes)	-2,393	Extrapolated ²
8	Income	52,308	1 - 6 + 7
9 10 11	Income before capital gains/losses	54,701	8 - 2 1 - 6 Extrapolated ²

^{1.} Data are as reported by the sample; no estimate for nonreporting affiliates is made.

2. Universe estimates are calculated by extrapolating forward data from the 1982 benchmark survey, based on the movement of reported sample data in subsequent years.

Table 8.—U.S. Direct Investment Abroad: Income and Rate of Return

[Millions of dollars or percent]

					1986				-					1987				
				Inc	ome								Inc	ome				
	Total		Earnings		With-		erest (net holding ta		D-46	Total		Earnings		With-	Int with	erest (net holding t	of axes)	Rate of
	less col. 5 plus col. 6)	Total	Before capital gains/ loses	Capital gains/ losses	holding taxes on distrib- uted earnings	Net	U.S. par- ents' receipts	U.S. par- ents' pay- ments	Rate of return ¹	(=col. 11 less col. 14 plus col. 15)	Total	Before capital gains/ loses	Capital gains/ losses	holding taxes on distrib- uted earnings	Net	U.S. par- ents' receipts	U.S. par- ents' pay- ments	return 1
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
All areasPetroleum	38,417 8,065 17,911 12,442	43,158 8,271 18,586 16,301	33,519 6,481 14,185 12,853	9,639 1,790 4,401 3,448	1,482 396 788 298	-3,258 190 113 -3,561	1,492 362 364 767	4,750 172 251 4,328	15.7 13.5 17.9 14.6	52,308 8,130 27,041 17,137	55,970 8,095 27,513 20,362	40,328 6,593 19,140 14,594	15,642 1,501 8,373 5,768	1,269 206 711 353	-2,393 241 239 -2,872	1,637 357 385 895	4,029 116 146 3,767	18.4 12.7 23.4 16.4
Developed countries	32,144 6,226 15,589 10,329	32,672 6,327 16,014 10,331	23,636 4,792 11,496 7,349	9,035 1,535 4,518 2,982	942 231 495 216	414 131 70 213	1,060 252 292 515	645 121 222 302	17.5 16.4 19.4 15.9	43,342 5,541 23,351 14,450	43,765 5,591 23,686 14,487	28,470 4,369 15,203 8,898	15,295 1,222 8,484 5,589	988 188 513 288	565 137 177 250	1,125 248 313 565	560 110 136 315	20.3 13.3 24.6 18.6
Canada Petroleum Manufacturing Other	5,086 841 2,738 1,506	5,147 905 2,765 1,477	5,067 887 2,767 1,413	81 18 -2 65	257 112 101 44	195 48 74 73	237 49 95 93	42 1 21 20	10.5 7.9 12.1 10.0	7,022 1,450 3,539 2,033	6,978 1,440 3,560 1,978	5,622 1,126 2,861 1,635	1,356 314 699 343	174 40 101 33	218 50 80 88	261 61 101 100	44 10 21 12	13.1 12.7 14.4 11.7
EuropePetroleum	22,781 4,232 10,956 7,592	23,126 4,239 11,284 7,603	15,810 2,859 7,801 5,149	7,316 1,380 3,483 2,454	508 87 305 116	$163 \\ 81 \\ -23 \\ 105$	737 200 159 378	574 120 182 272	20.0 18.6 22.5 18.0	30,860 3,204 17,217 10,439	31,239 3,227 17,472 10,541	19,287 2,473 10,635 6,179	11,952 753 6,837 4,362	640 107 318 215	261 85 63 112	759 184 173 402	498 99 110 289	22.8 12.9 28.8 20.5
Other	4,277 1,153 1,894 1,230	4,398 1,182 1,965 1,251	2,760 1,046 928 787	1,638 137 1,037 464	177 32 90 56	57 2 19 35	86 3 38 45	29 (*) 19 10	20.1 25.2 21.1 16.0	5,460 886 2,595 1,978	5,548 924 2,655 1,969	3,560 769 1,707 1,084	1,987 155 948 884	174 41 93 41	87 3 34 50	105 3 39 63	18 (*) 5 13	21.8 16.4 24.6 21.8
Developing countries	6,685 2,228 2,322 2,135	10,905 2,342 2,572 5,991	10,062 1,867 2,689 5,507	842 475 117 484	538 165 293 80	$ \begin{array}{r} -3,681 \\ 51 \\ 43 \\ -3,776 \end{array} $	411 (P) 71 (P)	4,092 (^D) 28 (^D)	11.8 12.7 11.9 10.9	9,029 2,644 3,690 2,695	12,284 2,568 3,827 5,889	12,050 2,405 3,938 5,708	234 163 -111 182	281 18 198 65	-2,974 94 62 -3,130	489 97 72 320	3,464 4 10 3,450	13.7 14.1 17.7 10.3
Latin America	3,403 627 1,520 1,255	7,525 654 1,736 5,136	7,143 644 1,748 4,751	382 10 -13 385	351 6 272 72	$ \begin{array}{r} -3,772 \\ -20 \\ 57 \\ -3,809 \end{array} $	280 (P) 60 (P)	4,052 (^D) 3 (^D)	10.8 12.0 10.3 10.9	3,870 488 2,208 1,174	7,182 490 2,314 4,377	7,308 400 2,478 4,430	-126 90 -164 -52	224 8 166 50	-3,088 6 59 -3,153	359 10 63 285	3,446 4 4 3,438	10.0 8.5 14.4 6.7
Other	3,283 1,601 801 880	3,379 1,688 836 855	2,919 1,223 940 756	460 465 -104 100	188 158 21 8	91 72 -14 33	131 74 11 46	40 2 25 13	13.1 13.0 16.9 11.1	5,159 2,156 1,483 1,521	5,103 2,078 1,512 1,512	4,743 2,005 1,460 1,278	360 74 53 234	57 10 32 14	113 87 2 23	131 87 8 35	18 (*) 6 12	19.0 16.6 26.8 17.6
International	-412	-419	-180	-239	2	9	22	13	-8.2	-63	-80	-192	113	(*)	17	22	5	-1.4

 $^{^{\}bullet}$ Less than \$500,000 (±). $^{\rm D}$ Suppressed to avoid disclosure of data of individual companies. 1. Income divided by the average of the beginning- and end-of-year direct investment position.

Table 9.—U.S. Direct Investment Abroad: Royalties and License Fees and Charges for Other Services [Millions of dollars]

			199	36				-	198	87		
	Royalti	es and lice			for other s	ervices 1	Royaltie	es and lice			for other s	ervices 1
	Net	U.S. parents' receipts	U.S. parents' pay- ments	Net	U.S. parents' receipts	U.S. parents' pay- ments	Net	U.S. parents' receipts	U.S. parents' pay- ments	Net	U.S. parents' receipts	U.S. parents' pay- ments
All areas Petroleum Manufacturing Other	5,427	5,533	106	2,996	5,413	2,417	6,917	7,065	148	2,391	5,147	2,756
	20	20	0	594	780	185	4	4	0	510	675	165
	4,108	4,155	46	1,315	2,176	860	5,463	5,536	72	1,062	2,035	974
	1,299	1,359	59	1,086	2,458	1,371	1,450	1,526	76	820	2,437	1,617
Developed countries	5,106	5,204	98	2,118	4,093	1,975	6,598	6,729	131	1,661	3,980	2,318
	19	19	0	300	389	89	3	3	0	247	.321	74
	3,940	3,979	39	1,071	1,896	825	5,272	5,339	67	825	1,749	925
	1,147	1,206	59	747	1,808	1,061	1,324	1,387	64	589	1,909	1,320
Canada	587	597	11	849	1,153	304	585	614	28	953	1,126	173
Petroleum.	(*)	(*)	0	45	126	81	(*)	(*)	0	40	91	51
Manufacturing.	491	501	10	579	703	124	486	511	25	621	635	13
Other	96	96	(*)	226	324	99	100	103	3	291	401	109
Europe	3,521	3,596	76	1,346	2,497	1,151	4,697	4,782	85	948	2,452	1,504
Petroleum	3	3	0	188	195	8	3	3	0	170	192	22
Manufacturing.	2,745	2,770	24	801	1,057	256	3,736	3,775	39	540	996	455
Other	773	824	51	357	1,244	887	958	1,004	45	238	1,265	1,027
Other	998	1,010	12	$-78 \\ 67 \\ -309 \\ 164$	443	521	1,316	1,334	18	-240	401	641
Petroleum	16	16	0		68	1	(*)	(*)	0	37	39	1
Manufacturing	704	708	4		136	445	1,050	1,053	3	-337	119	456
Other	279	286	7		239	75	266	281	15	60	244	184
Developing countries Petroleum Manufacturing Other	321	329	8	810	1,190	381	319	336	17	685	1,044	359
	1	1	0	242	285	43	1	1	0	230	254	24
	169	176	7	244	279	35	192	197	5	237	286	49
	152	152	(*)	324	626	302	126	138	12	218	504	285
Latin America	178	182	4	202	488	286	165	171	7	172	446	274
	1	1	0	39	57	17	1	1	0	64	74	10
	85	89	4	66	91	26	92	96	4	72	95	23
	92	92	(*)	98	340	243	72	75	3	37	277	240
Other	(*)	147	4	607	702	95	154	165	10	513	598	85
Petroleum		(*)	0	203	228	26	0	0	0	166	181	14
Manufacturing		87	3	179	188	9	100	101	1	165	191	26
Other		60	(*)	226	286	60	54	64	9	182	227	45
International	0	0	0	69	130	61	0	0	0	45	123	79

^{*} Less than \$500,000 (±).

rentals for the use of tangible property were \$146 million, and receipts of film and television tape rentals were \$388 million; U.S. parents' payments were \$2,698 million, \$49 million, and \$9 million, respectively.

Table 10.—U.S. Direct Investment Abroad: Position and Balance of Payments Flows, 1977-87

	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Direct investment position	145,990	162,727	187,858	215,375	228,348	207,752	207,203	211,480	230,250	259,562	308,793
Capital outflows (inflows(—)) Equity capital Reinvested earnings Intercompany debt	(2)	16,056 (2) (2) (2)	25,222 (2) (2) (2) (2)	19,222 (2) (2) (2) (2)	9,624 (2) (2) (2) (2)	-2,369 9,708 1,359 -13,436	373 4,903 7,139 -11,669	2,821 1,347 8,447 -6,973	$^{18,068}_{-2,210}_{19,009}_{1,269}$	27,811 274 19,709 7,828	44,455 2,470 35,669 6,315
Income	19,673	25,458	38,183	37,146	32,549	21,380	20,499	21,217	33,202	38,417	52,308
Royalties and license fees, net receipts	2,173	2,697	3,002	3,693	3,658	3,507	3,597	3,921	4,096	5,427	6,917
Charges for other services, net receipts 3	1,710	2,008	1,978	2,087	2,136	1,816	2,532	2,483	2,490	2,996	2,391

^{1.} There is a break in series between 1981 and 1982 because, beginning with 1982, the estimates are linked to the 1982 benchmark survey of U.S. direct investment abroad; estimates for 1977-81 are linked to the 1977 benchmark survey.

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

^{1.} Consists of service charges, rentals for the use of tangible property, and film and television tape rentals. In 1987, U.S. parents' receipts of service charges were \$4,613 million, receipts of

For years prior to 1982, capital outflows cannot be disaggregated by component because data for the components were not reported separately for unincorporated foreign affiliates.
 Consists of service charges, rentals for the use of tangible property, and film and television tape rentals.

Table 11.—U.S. Direct Investment Position Abroad, 1985

						ns of dollar	·sj								
						Manuf	acturing						Finance		ĺ
	All indus- tries	Petro- leum	Total	Food and kindred products	Chemicals and allied products	Primary and fabri- cated metals	Ma- chinery, except elec- trical	Electric and elec- tronic equip- ment	Trans- portation equip- ment	Other manu- facturing	Whole- sale trade	Banking	(except banking), insur- ance, and real estate	Services	Other indus- tries
All countries	230,250	57,695	94,700	9,252	20,273	5,012	18,987	8,515	11,719	20,942	22,790	14,461	22,501	4,683	13,421
Developed countries	172,058	36,605	75,564	7,029	15,918	3,858	16,886	5,908	9,561	16,404	17,117	7,394	23,258	3,520	8,601
Canada	46,909	10,469	21,831	1,702	4,794	1,668	2,428	1,685	4,977	4,577	2,446	549	5,684	746	5,184
Europe	105,171	21,739	45,375	4,653	8,362	1,887	12,308	3,719	3,845	10,601	11,778	6,268	15,798	2,534	1,680
European Communities (10) Belgium Denmark France Germany Greece Ireland Italy Luxembourg Netherlands United Kingdom	81,380 5,038 1,281 7,643 16,764 210 3,693 5,906 690 7,129 33,024	15,976 555 570 579 2,595 140 -26 479 -10 1,840 9,255	41,885 2,886 194 4,948 10,717 45 2,754 3,815 269 3,495 12,760	4,273 172 96 351 608 1 387 237 0 625 1,796	7,682 1,189 (P) 794 1,181 533 547 (P) 1,159 2,179	1,835 99 5 145 632 (*) 83 84 18 241 529	11,343 241 1,941 3,287 0 556 2,014 10 634 2,659	3,387 333 52 303 903 (P) 267 534 (P) 128 837	3,845 (P) (*) 478 (P) 6 6 25 0 36 641	9,569 (P) (P) 938 (P) (P) 921 374 165 672 4,118	6,086 971 415 1,201 633 55 35 664 4 664 1,444	4,580 300 37 366 1,333 (P) (P) 380 213 127 1,875	9,518 119 (P) 227 1,019 (P) 904 304 214 176 6,521	1,819 161 36 170 45 8 16 91 0 572 721	1,514 47 (P) 153 422 13 (P) 172 0 254 448
Other Europe Austria Finland Norway Portugal Spain	23,791 493 258 3,215 237 2,281	5,762 (P) (P) 2,703 38 189	3,490 200 (^D) 158 91 1,428	380 (P) 0 2 19	730 6 5 (^D) -31 452	52 2 (*) (*) 3 (^D)	965 36 (*) 0 (P)	331 (^D) (^D) (^D) 39 37	(*) (^D) 0 0 (^D) -47	1,082 33 8 26 25 238	5,691 70 197 234 (P) 257	1,687 21 (b) (p) (p) (p) 271	6,280 (P) 0 (P) 1 26	715 10 2 34 (^(b)) 57	165 13 1 1 6 53
Sweden Switzerland Turkey Other	933 15,766 234 375	(P) (P) 100 26 2,184	1,426 449 1,128 36 (P) 4,584	226 22 (P) 2 0	29 228 (P) 1 1,311	-15 (P) 0 0	(P) 78 0 0	6 111 5 0	(P) 0 4 (P) 625	40 591 (P) (P) 443	180 4,591 (P) 88 1,581	1,286 40 6	135 5,741 0 261	(P) (B) 83	(P) (P) 9 3 104
Australia, New Zealand, and South Africa Australia New Zealand South Africa	10,743 8,772 576 1,394	2,213 1,627 (P) (P)	3,773 3,044 162 568	545 389 20 136	1,451 1,300 56 95	222 76 4 143	485 393 5 88	173 135 6 32	114 114 (P) (P)	783 636 (P)	1,312 971 114 227	398 371 (P) (P)	1,255 1,162 45 48	158 142 4 12	1,633 1,455 16 162
Developing countries	52,764	16,533	19,136	2,223	4,356	1,154	2,101	2,607	2,158	4,538	5,673	7,067	-757	1,163	3,949
Latin America	28,261	4,708	14,733	2,052	3,127	850	1,639	1,035	2,018	4,013 2,797	2,855 959	5,300	-2,189 1,436	507 372	2,347 1,704
South America Argentina Brazil Chile Colombia Ecuador Peru Venezuela Other	17,623 2,705 8,893 88 2,148 361 1,243 1,588 597	2,712 468 233 50 1,007 (P) 496 76 (P)	9,836 1,488 6,904 -280 656 140 56 814 58	1,370 248 706 13 116 25 4 217 40	2,012 251 1,320 23 197 18 17 179 8	456 92 620 (P) 24 (P) 19 42 4	1,440 326 1,101 0 3 0 0 8 2	568 45 425 (P) (P) 23 1 53 -2	1,192 174 1,083 (D) (P) 12 0 -98 (P)	352 1,648 11 273 (P) 16 413 (b)	135 360 43 58 21 63 253 25	335 103 108 (P) -6 7 17 (P)	1,430 777 1,040 15 79 12 5 212 -5	90 135 29 9 9 (P) 84 (P)	112 118 123 (P) (P) (P) 133
Central America Mexico Panama Other	9,658 5,088 3,959 611	696 52 508 136	4,572 4,053 245 273	634 445 81 108	943 758 111 74	(P) 319 37 (P)	198 198 0 0	449 439 0 10	826 826 0 0	(P) 1,069 17 (P)	1,214 541 640 33	464 -1 455 10	2,213 185 2,006 22	78 -18 71 25	421 276 33 112
Other Western Hemisphere Bahamas Bermuda Jamaica Netherlands Antilles Trinidad and Tobago United Kingdom Islands, Caribbean Other	980 3,795 13,116 122 -20,499 484 3,490 472	1,300 843 -203 3 40 405 7 206	326 40 (P) 108 21 37 (P) 112	48 (P) (P) 10 (P) 7 0	172 (^D) 0 89 (^D) 23 0 18	3 0 0	(*) 0 0 0 0 (*) 0	0 0 0 (P)	0 0 0 0 0 0 0 0	7 0	33 44 16 (⁰)	4,231 2,209 (P) 5 (P) (*) 1,798 17	-20,784 3 1,527	57 3 -65 6 20 (P) 56 (P)	(P)
Other Africa Saharan Egypt Libya Other Sub-Saharan Liberia Nigeria Other		1,385 31 -97	353 52 32 0' 19 301 0 85 216	0 8 9 0 (P)	105 17 17 0 (*) 88 0 51	6 4 0 2 126 0 (*)	0	5 0 (*) 30 0 (P)	15 8 (P) 0 (P) 8 0 0 8	8 (P) 0 (P) 41	(P) 15 4 (P) (P) (P) 51	$\begin{bmatrix} 0 \\ 1 \\ 86 \\ -1 \\ 41 \end{bmatrix}$	(D) 3 0 (D) (P) -30 0	50 47 (b) (b) 21 (b) (c)	66 (^D) (^D) 161 98 (^D)
Middle East Israel Saudi Arabia United Arab Emirates Other	717 2,442 792	851 644		(*)	25 48 (P)	5 (^D)	(D)	94	$ \begin{array}{c c} -16 & 0 \\ 0 & 0 \\ 0 & -16 \end{array} $	11 (P) (P)	152 (^D)	(D) (D) (D)	150 -7 (P)	3 437 -8	(D (D 2)
Other Asia and Pacific	15,400 3,295 383 4,475 1,140 1,032 1,874 743 750	352 23 3,760 604 92 372 4 -5 790	329 238 408 385 999 205 530 142	(b) 1 5 8 33 15 46 31 (P)	142 140 187 19 172 102 66 138	10 48 7 (P) 13 (*) (P) 8 2	(P) 68 3 (P) (*) 181 (*) 66 (D)	6 34 (P) 309 99 606 67 193	140 0 7 0 0 0 -2 83 (P) 31 0 (P)	93 32 (P) 47 71 12 (P) 62 22	1,390 1 (P) 65 71 191 (P) 126	402 (P) 17 27 177 223 268 63 78	687 5 184 15 106 48 124 11	57 (*) (P) (P) 51 19 20	150 213 (P 150 21 (P 17 4 203
International Addendum—OPEC 1			1,494	(D)	(D)	120	(P)	108	-86	592	602	314	493	475	871

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

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

Table 12.—U.S. Direct Investment Position Abroad, 1986

					iominio	ns of dollar	s]								
	All indus- tries	Petro- leum	Total	Food and kindred	Chemi- cals and allied	Primary and fabri-	Ma- chinery, except	Electric and elec- tronic	Trans- portation equip-	Other manu-	Whole- sale trade	Banking	Finance (except banking), insur- ance,	Services	Other industries
				products	products	cated metals	elec- trical	equip- ment	ment	facturing		ļ	and real estate		
All countries	259,562	61,731	104,877	10,968	22,741	5,311	22,401	7,405	14,186	21,865	26,168	14,576	34,413	4,866	12,931
Developed countries	194,691	39,479	85,015	8,593	18,251	4,412	20,043	4,684	11,347	17,686	20,469	8,408	28,490	4,009	8,821
Canada Europe	49,994 122,165	10,922	23,406 51,988	2,108 5,736	4,847 10,347	1,742 2,089	2,538 15,190	1,906 2,218	5,573 4,768	4,691 11,641	2,594 14,294	575 7,168	6,429 20,058	856 2,876	5,212 1,978
European Communities (12)	98,472	17,572	50,082	5,513	10,036	2,088	14,635	2,340	4,761	10,710	8,196	5,558	12,902	2,293	1,869
Belgium Denmark	5,229 1,113	491 347	2,604 162	199 122	1,311 (P)	(P) 9	223 (P)	55 -18	(P) (*)	641 25	1,284 496	393 36	230 35	167 32	60
France	8,857 20,846 172	3,287 126	6,095 12,951 57	479 533 (*)	1,139 1,706 43	159 772 (*)	2,497 4,136	282 430 6	382 3,078 0	1,158 2,296 8	1,443 978 35	338 1,615	223 1,493 (P)	119 -20 9	168 542
Ireland	4,395 6,935	(P) 268	3,269 4,845	439 348	738 831	98 121	620 2,759	318 188	6 49	1,049 549	32 884	(P) 297	1,095 378	19 110	-6 154
Luxembourg Netherlands	726 11,618	3,226	274 4,463	843	(^b) 1,531	25 278	877	(P) 109	33.	166 791	1,084	230 198	1,767	611	270
Portugal Spain United Kingdom	278 2,612 35,692	35 183 9,187	98 1,377 13,889	26 300 2,223	$-16 \\ 487 \\ 2,192$	(P) 37 482	(P) 598 2,890	(^D) -133 1,054	-251 1,388	339 3,660	52 348 1,557	336 2,128	25 7,405	(P) (P) 915	(P) (P) 611
Other Europe	23,693	6,230	1,906	223	311	1 3	555	-122	7	932	6,098	1,609	7,156	584	109
AustriaFinland	386 292	88 (P)	160 20	14	9 5	(*) (*)	(P) 8	-34 -4	(P) (D)	(P)	231 270	36 (P)	(P) (P)	2 2 26	(P) (*) (P)
Norway Sweden Switzerland	3,626 1,002 17,842	3,250 (P)	-31 545 1,244	2 (b) (c)	5 (P) 29 222 8	-25 23	0 414 (^b)	-102 7 3	(P)	60 736	155 5,272	19 (P) 1,471	108 6,646	2	(P) 63
TurkeyOther	242 302	102 -11	41 -72	(0)	8 (P)	0	6	7 0	4 (P)	(P)	(P) 86	36 (P)	270	(P) (P) 11	6
Japan	11,332	2,612	5,443	157	1,591	130	1,812	475	699	580	2,179	192	648	108	149
Australia, New Zealand, and South Africa	11,200 9,120	2,141 1,615	4,177 3,374	592 396	1,466 1,320	450 307	503 384	86 69	308 273	773 625	1,402 988	473 440	1,355 1,241	168 140	1,482 1,322
New Zealand South Africa	513 1,567	(P) (P)	170 633	20 176	57 89	139	6 113	7 9	(P) (P)	(D) (D)	123 291	(D) (D)	53 61	2 26	21 139
Developing countries	60,270	18,495	19,862	2,376	4,491	899	2,358	2,721	2,839	4,179	5,699	6,168	5,924	857	3,265
Latin America	34,790	5,714	14,785	2,033	3,101	658	1,769	883	2,666	3,675	2,773	4,712	4,190	549	2,066
South AmericaArgentina	2,919	3,304 456	10,203 1,586	1,362 275	2,018 261	378 (^D)	1,616 305	547 (P)	1,689 269	2,594 317	981 168	635 355	1,642 177	363 77 129	1,517 100
Brazil	9,187 224 2,033	237 53	7,141 -278 585	700 17 123	1,388 26 159	511 (P) 34 (P)	1,301 0 3	376 (P) (P)	1,239 (^D)	1,626 14 205	436 45 57	166 (P)	1,075 74 83	32 (^D)	107 131 (P)
Ecuador Peru	468 1,131	1,023 258 438	152 49	28	18 15	18	0	20 1	13	(D) 14	28 64	(P) 3 4	13 5	(P) 87	6 (P)
VenezuelaOther	2,139 543	666 172	886 82	173 45	142 10	60	3 3	81 (P)	101	326 (D)	159 25	12 (^D)	224 -10	87	105 (P)
Central AmericaMexico	9,571 4,750	591 42	4,323 3,776	632 426	959 778	258 193	153 153	337 320	977 977	1,007 929	1,150 347	608 (^D)	2,289 158	236 129	373 (P)
Panama Other	4,293	446 103	251 296	76 131	110 72	(P) (D)	0 0	0 17	0	(D) (D)	780 22	574 (P)	2,113 18	80 27	48 (P)
Other Western HemisphereBahamas		1,820 846	258 33 0	39 (P) 0	124 (°)	23	(*)	$-\frac{1}{0}$	0	73	642 260	3,470 1,217	259 398	$-50 \\ -2$	176 9
Bermuda	14,765 107	409 (D)	94	11	73	0	0	0	0	9	267 27	(P) 6	14,173 (^D)	-181 5	5
Netherlands Antilles Trinidad and Tobago United Kingdom Islands, Caribbean	-15,817 368 $3,771$	37 312 (^D)	25 11 (P)	(P) 6 0	(P) -2 0	(P) 0 0	0	0 0 (P)		7 0	6 (P) 27	(b) (*) 1,956	-16,078 3 1,662	10 (P) 72	(P) 2 39
Other	. 620	203	(D)	2	18	(D)	ŏ	(P)	0	57	(p)	68	(D)	(D)	63
Other AfricaSaharanEgypt	4,313 2,076 1,814	3,478 1,725 1,505	268 60 36	23 9 (*)	87 20 20	120 (P) (P)	1 1	21 (P) (P)	(p) (p) (p)	(b) (c) (*)	117 43 37	211 113 112	5	73 54 53	123 76 69
Libya Other	. 196	1,305 195 24	0	0 9	0	0	0	(*) (*) (*)	0	(P)	0 6	0	0 4	1 (*)	0 7
Sub-SaharanLiberia	. 2,236	1,753 -6	25 208 0	14	67	(P) 0	0	0	-6	6	74 (^D)	98 -2 53	38	1 (*) 18 5 6	47 (P)
Nigeria Other	. 575 1,590	500 1,259	33 176	0 14	33 34	-1 (P)	0	(^D)	_6	(D)	26	53 47	0 38	8	36
Middle EastIsrael	4,590 600	2,893 (D)	377 177	(*)	99 29 38	20	27 (P) 2	126 118		(b)	571 (P) 183	102 (P)	149 85	52 15	447 (^D)
Saudi Arabia United Arab Emirates	. 857	906 688 (P)		0	38 (P) (P)	(P) 0 (P)	(P) 1	8 0	0	(P) (P) -3	183 52 (P)	11 -142	85 (P) (P) 19	114 (P) (P)	(D)
Other Asia and Pacific	16,577	6,410	4,432	(*) 320	1,204	101	-	1,691	172	383	2,238 1,621	1,142	1,542 1,138	1	1
Hong KongIndia	3,980 446	394 32	443 373 225	(P)	182 159	52 7	562 (P) 76	23 43 (P)	8	95 34 (^D)	1	317 35	4	183 22 (*) 1 0	(*)
Indonesia Malaysia Philippines	1,109	3,766 694 106	316 568	6 8 195	191 19 187	6	3 (P) (*)	236 100	0	(P) 78	(P) 55 63	$-11 \\ 1 \\ 238$	21 -36	48	22 149
Singapore South Korea	2,238 800	469 8	1,353 246	15 37	138 71	-2 (^D)	245 (P) 93	845 74	100 (^D)	12	187	132 282	46 174	48 21 (P) 7	30 18 17
Taiwan Thailand Other	. 870 1,079 . 525	$-11 \\ 720 \\ 233$	217	40 6 (P)	205 40 11	2	93 -5	209 150 (P)	0	24	(P) 154 38 27	47 75 26	15	13 (P)	17 8 (P)
International	4,602	3,758		(4)	11				(3)			20			844
Addendum—OPEC 1	10,906	7,248		206	434	92	19	111	114	502	505	307	469	141	1

^{*} Less than \$500,000 (±).

Description Suppressed to avoid disclosure of data of individual companies.

See footnote 1, table 11.

Table 13.—U.S. Direct Investment Position Abroad, 1987

		ı — —			[MIIIIO	ns of dollar	sj			7			·		
		1	<u> </u>	1	· ·	Manui	acturing	I					Finance (except		
	All indus- tries	Petro- leum	Total	Food and kindred products	Chemicals and allied products	Primary and fabri- cated metals	Ma- chinery, except elec- trical	Electric and elec- tronic equip- ment	Trans- portation equip- ment	Other manu- facturing	Whole- sale trade	Banking	banking), insur- ance, and real estate	Services	Other indus- tries
All countries	308,793	66,381	126,640	12,643	26,914	5,662	27,344	9,784	17,708	26,584	31,330	15,354	49,097	6,812	13,179
Developed countries	233,315	43,762	104,759	10,168	21,765	4,596	24,664	6,841	14,859	21,867	24,900	9,353	35,946	5,069	9,526
Canada	56,879	11,931	25,800	2,276	4,916	1,862	2,923	2,237	6,556	5,030	3,178	608	8,851	919	5,592
Europe	148,954	25,785	67,475	6,938	13,189	1,984	18,787	3,869	7,564	15,143	17,457	7,831	24,525	3,758	2,122
European Communities (12) Belgium Denmark France Germany Greece Ireland	122,247 7,078 1,114 11,478 24,450 215 5,484	19,098 547 170 531 3,319 132 -23	64,914 3,486 253 8,374 15,974 94 4,111	6,659 263 155 543 522 (P) 641	12,839 1,557 (P) 1,703 1,975 52 1,038	1,984 116 (P) 163 470 (*) 121	18,193 292 (P) 3,384 5,095 0 761	3,770 253 17 308 839 8	7,644 (P) (*) 436 4,324 0 6	13,825 (P) 38 1,837 2,751 (P) 1,176	10,629 1,522 562 1,726 1,035 (^D) 66	5,804 504 (P) 274 1,802 -63 (P)	16,846 708 53 244 1,674 (P) 1,389	3,011 267 38 93 -17 (b) -70	1,945 43 (P 236 663
Italy. Luxembourg. Netherlands Portugal. Spain United Kingdom	8,449 723 14,164 381 4,037 44,673	252 (P) 3,078 (P) 124 11,011	6,084 193 5,318 193 2,567 18,268	448 0 1,004 (P) 431 2,599	1,050 (P) 1,897 -8 519 3,008	105 21 321 (P) 61 583	3,158 -6 874 (P) 740 3,865	386 (P) 168 (b) 73 1,238	163 0 (P) (P) (P) (P) 2,188	774 115 (P) 39 (P) 4,787	1,108 (P) 1,905 83 559 2,035	289 253 177 67 395 2,056	446 288 2,432 (P) 21 9,571	169 0 931 (P) 319 1,219	102 324 7 51 512
Other Europe Austria. Finland Norway. Sweden. Switzerland Turkey. Other.	26,707 387 387 4,142 1,188 19,973 241 390	6,687 117 (P) 3,552 (P) (P) (P) 88 37	2,562 109 25 91 617 1,720 52 -52	279 (P) 0 2 41 (P) 3 0	350 10 5 (P) 32 251 (P) 0	(*) 3 (*) (*) -32 28 (*)	594 43 7 2 468 73 0	99 1 0 0 6 83 9	-80 (P) 0 0 (P) 0 4 (P)	1,319 17 13 (P) (P) (P) (P) (P)	6,828 46 303 327 209 5,817 (P)	2,027 47 (P) 22 (P) 1,880 32 (P)	7,679 23 0 (P) 127 7,136 0 (P)	747 24 1 32 -3 (P) 16 (P)	1777 200 (*) (*) (*) (*) (*) 1211 (*) 3
Japan	14,270	2,561	7,073	365	2,093	173	(D)	625	546	(D)	2,934	343	945	154	260
Australia, New Zealand, and South Africa Australia New Zealand South Africa	13,212 10,988 635 1,590	3,484 2,943 (P)	4,411 3,493 211 707	589 435 20 133	1,566 1,406 63 97	577 402 6 169	(^D) 264 (^D) 131	109 91 9 10	192 154 (P) (D)	(^b) 741 69 (^b)	1,332 1,017 128 186	571 (P) (P) 0	1,624 1,478 72 74	238 203 2 32	1,552 (P) (P) (P)
Developing countries	71,174	19,009	21,881	2,474	5,150	1,066	2,681	2,943	2,850	4,717	6,430	6,001	13,150	1,743	2,959
Latin America	42,337	5,771	15,902	2,051	3,496	774	2,011	720	2,689	4,160	2,942	4,312	10,496	874	2,040
South America Argentina Brazii Chile Colombia Ecuador Peru Venezuela Other	19,312 2,854 9,955 224 2,037 497 1,102 2,124 519	3,020 398 273 59 1,013 237 367 534 139	11,084 1,616 7,730 -221 585 157 63 1,061 93	1,460 295 653 38 153 32 (P) 221	2,262 269 1,543 37 173 17 20 191	476 89 628 (P) 5 (P) 19 66	$\begin{array}{c} 1,910 \\ 305 \\ 1,620 \\ 0 \\ 4 \\ 0 \\ 0 \\ -22 \\ 3 \end{array}$	322 62 117 (^b) 7 20 (*) 111 (^b)	1,671 (P) 1,228 (P) (P) 13 0 114 -2	2,983 (P) 1,942 (P) (P) (P) (P) 380 (P)	924 169 397 21 65 33 78 134 26	720 361 115 201 (P) 9 -2 7 (P)	1,707 158 1,183 78 96 (P) (P) 174 -14	412 84 149 37 12 9 (P) 106 (P)	1,445 68 108 49 (P) (P) (P) 109 (P)
Central America	10,430 4,997 4,780 654	841 65 648 129	4,553 3,959 278 316	553 333 79 141	1,111 906 126 79	(^D) 206 (^D) 13	102 102 0 0	394 375 0 19	1,018 1,018 0 0	1,020 (P) 64	1,205 277 901 27	470 (P) 419 (P)	2,597 198 2,380 19	261 147 84 30	502 (P) 69 (P)
Other Western Hemisphere Bahamas Bermuda Jamaica Netherlands Antilles Trinidad and Tobago United Kingdom Islands, Caribbean Other	12,594 2,566 18,229 90 -13,208 356 3,970 592	1,910 792 530 (P) (P) 311 (P) (P)	264 26 0 106 21 7 (P)	38 (P) 0 13 (P) 7 0 4	123 (P) 0 82 (P) -7 0 19	(P) 0 0 0 3 0 0 (P)	(*) 0 0 0 (*) 0	5 0 0 0 0 0 (P)	0 0 0 0 0 0	(P) (*) 0 10 0 8 0 (P)	813 318 316 23 22 (P) 66 (P)	3,122 901 (P) 6 (P) (*) 1,918 70	6,192 505 17,230 (P) -13,500 3 1,857 (P)	201 16 53 4 20 (P) 74 (P)	93 9 (^b) -24 (^p) (^p) 40 (^p)
Other Africa Saharan Egypt Libya Other Sub-Saharan Liberia Nigeria Other	5,085 1,985 1,663 252 70 3,100 65 1,267 1,768	4,237 1,670 1,400 246 23 2,567 -4 1,120 1,450	308 71 41 0 30 237 0 40 197	73 18 (P) 0 (P) 55 0 0 55	91 (P) (P) (*) (P) 0 32 (P)	116 (P) 5 0 (P) (P) 0 -2 (P)	1 1 1 0 0 0 0 0 0	20 5 5 0 0 15 0 (P)	1 9 7 0 2 -8 0 0 -8	7 10 (P) 0 (P) -4 0 (P) (P)	81 28 (P) 1 (P) 53 (*) 28 25	184 65 65 0 (*) 119 1 68 49	57 4 (*) 0 4 53 23 0 30	85 65 63 1 (*) 20 5 7 8	132 82 (P) 3 (P) 51 39 4
Middle East Israel Saudi Arabia United Arab Emirates Other	4,762 793 2,385 762 820	2,812 (b) 1,079 595 (D)	408 201 163 20 24	(*) 0 0 0 (*)	83 32 (P) (P) (P)	44 2 40 0 2	26 (b) (*) (*) (p)	146 139 6 0	0 0 0 0	109 (b) (b) -3 (b)	636 (^D) (^D) 60 40	-54 4 (^D) 1 (^D)	234 156 -17 (^D) (^D)	539 39 582 -6 -76	186 (*) 163 (b)
Other Asia and Pacific. Hong Kong	18,991 5,453 466 3,929 1,111 1,211 2,521 1,018 1,312 1,282 687	6,188 462 -14 3,251 704 101 579 7 -14 857 254	5,264 563 416 234 329 602 1,493 339 983 256 48	350 (b) 1 7 4 222 22 22 41 29 6 (b)	1,480 240 184 196 21 213 (^p) 78 273 (^p) 6	132 13 60 7 5 14 -3 (P) 20 (P) 0	642 126 87 9 (P) -4 208 (P) 181 4	2,058 40 35 -2 246 91 966 115 379 172 15	160 0 9 0 0 -22 61 (P) 43 0 (P)	442 (°) 42 18 (°) 67 (°) 48 58 26 2	2,771 2,019 (P) 52 84 150 (P) 161 49	1,559 489 40 3 -8 237 163 370 135 87 42	2,364 1,849 (P) 195 11 72 180 20 9 (P)	245 76 (*) (*) 0 53 32 37 7 14 26	601 -5 (*) (P) 23 133 34 (P) 21 10 (P)
International		3,610						 					***************************************		693
Addendum—OPEC 1	11,498	7,334	1,677	259	464	124	-2	139	127	566	491	327	479	629	562

^{*} Less than \$500,000 (\pm) . Duppressed to avoid disclosure of data of individual companies. 1. See footnote 1, table 11.

Table 14.—U.S. Direct Investment Abroad: Capital Outflows, 1985

					illions of d	ollars; infl)ws (-)j				. 7			_	
	All indus- tries	Petro- leum	Total	Food and kindred products	Chemicals and allied products	Primary and fabri- cated metals	Ma- chinery, except elec- trical	Electric and elec- tronic equip- ment	Trans- portation equip- ment	Other manu- facturing	Whole- sale trade	Banking	Finance (except banking), insur- ance, and real estate	Services	Other indus- tries
All countries	18,068	-1,433	9,043	1,196	782	62	3,996	275	1,065	1,666	1,834	1,094	7,246	278	7
Developed countries	13,669	-348	8,675	1,156	958	145	3,914	230	764	1,508	1,353	1,351	2,219	234	184
Canada	705	-1,837	1,034	86	-86	69	89	109	662	105	57	34	120	37	-151
Europe	13,622	1,273	7,431	919	1,103	147	3,526	231	97	1,406	1,220 969	1,322	1,897 1,564	167 69	312 309
European Communities (10) Belgium Denmark France Germany Greece Ireland Italy Luxembourg Netherlands United Kingdom	11,849 485 149 1,504 1,920 -36 721 985 48 1,241 4,831	882 -85 -22 113 -314 16 -29 -96 -17 244 1,072	7,155 319 14 1,021 1,854 -2 489 795 24 522 2,118	908 21 26 35 104 (*) 85 68 0 176 392	962 119 (P) 113 125 (•) 191 49 (P) 115 257	163 19 (P) 27 97 0 16 -4 (P) 2 19	3,214 -26 (*) 665 899 0 87 530 -9 232 834	286 7 -3 22 104 (P) 36 103 (P) 1	365 (b) (*) 56 (P) 0 (*) -3 0 -5 80	1,257 (P) (P) 103 (P) (P) 74 52 43 1 518	969 143 139 214 41 -5 4 164 (*) 161	78 9 77 211 -46 4 26 29 31 483	1,584 31 (P) -6 90 1 (P) 75 12 272 843	-6 7 26 -24 (*) 10 20 0 -38 73	3 (P) 60 61 (*) (P) 1 0 49 135
Other Europe Austria. Finland Norway. Portugal. Spain Sweden. Switzerland. Turkey Other.	1,773 -16 -71 376 15 197 71 1,049 6	391 (P) -5 299 (P) -5 -51 (P) -5 2	276 -14 (P) -37 14 51 109 188 (P)	11 (P) 0 (*) 5 -5 4 (P) (*)	142 (*) (P) (P) -10 92 3 55 (P)	-16 (*) (*) (-1) -1 -1 (P) (P) (P) 0	312 9 (*) (*) (*) (*) (*) (*) (*) (*) (*) (*)	-55 (P) (P) (P) 15 -28 (*) 22 (*)	-267 (P) 0 -1 (P) -244 (P) 0 (*) (*) (*)	149 2 (P) (P) 3 50 4 91 (P)	252 16 69 78 (P) 63 19 -8 (P) (*)	420 9 (P) (P) (P) 69 0 305 -1	333 (P) 0 (P) (*) 4 -7 312 0 17	98 5 (*) 4 4 19 1 44 (^D) (^D)	3 4 (b) (b) 1 -4 1 (b) (c) (c)
Japan Australia, New Zealand, and South Africa Australia New Zealand South Africa	1,160 -408 -271 42 -180	133 82 31 (^D)	553 -342 -189 11 -164	62 89 74 2 13	72 -131 -94 15 -51	-38 -33 -29 -3 -2	327 -28 5 -1 -33	-75 -35 -15 -3 -17	144 -139 -99 (P)	61 -64 -32 (P)	196 -121 -115 29 -34	(*) -5 -4 (b) (P)	179 23 59 -31 -5	53 -23 -22 1 -1	46 -23 -29 12 -6
Developing countries	4,226 4,083	-1,227 -1,083	368 293	40 70	-176 -143	-83 -58	82 57	46 -37	300 266	158 140	481 201	-257 83	5,027 4,865	44 65	-209 -341
Latin America South America Argentina Brazil Chile Colombia Ecuador Peru Venezuela Other	-1,057 10 -251 43 -466 -11 -218 -218	-592 57 -6 6 -409 (P) -170 -119	-33 -77 185 -2 -4 12 -31 -122 7	58 52 -1 (*) -10 3 -2 9 8	-93 -15 -23 2 -10 1 -4 -46 2	-59 -9 -23 (P) -1 (P) -3 -19 (*)	64 41 23 0 (*) 0 0 0 -2	-6 -20 24 (^b) (^c) 2 (*) -7 -3	-76 (P) 97 (P) (P) 1 (P) -78 (P)	79 (P) 888 -5 41 (P) (P) 21 (P)	-7 2 -1 -5 -19 3 -5 16	-371 10 -374 27 (^D) -9 -2 -2	-31 27 -52 6 -3 (*) (*) -5 -4	-6 2 -1 5 1 (*) (D) -12	-17 -10 -2 7 (P) (P) (P) 27 (P)
Central America	436 -140	19 -32 86 -35	401 430 (D) (D)	10 31 (^b) (^p)	33 2 23 7	(D) 1 -3 (D)	-6 -6 0 0	$ \begin{array}{r} -33 \\ -15 \\ 0 \\ -17 \end{array} $	342 342 (*) 0	(P) 76 -1 (P)	38 58 -16 -3	68 2 74 -8	$\begin{array}{c c} -166 \\ -10 \\ -144 \\ -12 \end{array}$	19 13 2 4	-24 (b)
Other Western Hemisphere	599 -116 4,092 -172 543	-510 -30 -128 (P) (P) -150 2	-76 2 (P) -73 5 -16 (P) 6	2 (P) (P) (*) (P) (P) 0 -2	-83 (D) 0 -74 (P) -14 0 1	(P) 0 0 0 (*) 0 0 0 (*)	(*) 0 0 0 0 (*) 0	0 0 (P)	0	0 (*) 0 (P) 0	170 (P) 16 19 -6 -2 (P) (P)	386 37 (^b) -1 (^c) -2 309 -1	5,062 -63 686 (b) 4,245 (*) 224 (p)	52 13 33 -1 (*) (*) -3 9	-4 -1 (b) -2
Other Africa Saharan Egypt Libya Other Sub-Saharan Liberia Nigeria Other	$-10 \\ -281$	94 348 333 -8 23 -254 5 -301 43	-30 7 6 0 1 -37 0 3 -40	(P)	1 (P) (P) 0 (*) (P) 0 7 (P)	2 1 1 0 (*) 1 0 -1 2	(*) (*) 0 0 0 0 0	(*)	(P) (P) (P)	(P) (P) (P) (P)	-4 5 5 (*) (*) -9 (^D) -2 (^D)	-6 3 2 0 (*) -8 -1 -16 9	6 0 (*) -30 -11 0	-1 (*) -2 (b)	7 6
Middle East Israel Saudi Arabia United Arab Emirates Other	$ \begin{array}{c c} & 116 \\ & 73 \\ & -183 \end{array} $	5	$ \begin{array}{c c} -102 \\ 5 \\ -110 \\ 1 \\ 2 \end{array} $	0 1 0	-92 4 -100 (P)	-3 (b) 0	-1 (*) -1 (P) (P)	_1	0	(b)	96 (P) 21 (P) (*)	-94 (*) (P) (P) -106	86 8 14 (^D)	$-33 \\ -7$	(P) (P) 2
Other Asia and Pacific. Hong Kong. India	. 44 52 176 42 244 45 37 . 1	-47 (b) (b) -11	70 -24 59 24 52 -51	(*) (*) (*) -39 -1 4 2 (^D)	15 4 29 -2	(*) (P) (*) -2	25 (P) 12 (P) (P) (*) 50 (*) (P)	11 (^D) 58 -13 27 -14	0 1 0 0 33 -30 (P) (*)	9 5 (P) (P) 3 -1 (P) -2	187 191 (*) (*) -10 -4 -29 (*) 18 -5 1	-77 -19 49 -57 21	-4 2 (^D)	0 (P) -1 5 -4	(P) -1 (P) (P)
International	i .				ļ			-			ļ				31
Addendum—OPEC 1	. –355	-420	-209	(B)	(P)	-41	(b)	5		46	29	-21	79		260

^{*} Less than \$500,000 (±).

Description Suppressed to avoid disclosure of data of individual companies.

See footnote 1, table 11.

Table 15.—U.S. Direct Investment Abroad: Capital Outflows, 1986

					illions of c	lollars; infl	ows (—)j								
						Manuf	acturing						Finance		
	All indus- tries	Petro- leum	Total _	Food and kindred products	Chemicals and allied products	Primary and fabri- cated metals	Ma- chinery, except elec- trical	Electric and elec- tronic equip- ment	Trans- portation equip- ment	Other manu- facturing	Whole- sale trade	Banking	(except banking), insur- ance, and real estate	Services	Other industries
All countries	27,811	3,964	9,838	1,469	1,932	571	3,675	-1,374	1,914	1,651	2,352	-529	12,251	219	-283
Developed countries	19,803	2,664	8,941	1,472	1,802	650	3,543	-1,590	1,388	1,676	2,281	668	4,763	296	191
Canada	2,644	372	1,491	352	70	189	89	114	636	40	47	23	577	90	44
Europe	15,376	2,029	6,511	1,057	1,399	200	3,046	-1,743	947	1,605	1,828	570	3,982	204	251
European Communities (12) Belgium Denmark France Germany Greece Ireland Italy Luxembourg Netherlands Portugal Spain United Kingdom	12,825 144 -157 1,263 3,357 -4 699 419 41 4,410 32 370 2,252	1,333 -26 -213 -113 715 -13 (P) -256 (P) 1,393 -3 -5 -137	6,572 -289 -39 1,064 1,925 11 542 957 4 1,060 -2 -25 1,364	974 6 22 128 -83 (*) 56 112 0 281 8 74 370	1,380 31 (P) 90 248 12 197 265 (P) 381 5 48	210 (P) 5 14 138 (*) 15 32 7 45 (P) (P) -50	2,960 -1 (P) 545 826 0 95 813 -7 237 (P) (P) 336	-1,367 -281 -73 7 -416 (P) 51 -495 (P) -30 (P) -170 55	974 (P) (*) 67 (P) 0 (*) 29 0 -3 (P) -204 602	1,441 (P) (P) 214 (P) (P) 127 202 (*) 148 4 115 -48	1,199 214 82 252 222 14 -4 142 (*) 260 14 107 -105	283 103 -1 31 281 (P) (P) -469 166 (P) 566 193	3,020 123 (°) 60 184 (°) 161 41 (°) 1,590 1 –5 828	176 9 -3 -46 -69 (*) 3 21 0 31 (P) -20	243 11 (P) 15 99 -7 (P) -16 0 13 (P) (P) 129
Other Europe Austria. Finland Norway Sweden Switzerland Turkey Other	2,550 -103 27 403 61 2,235 6 -79	697 (P) 546 (P) (P) 1 - 35	-61 -43 (P) -190 76 151 3 (P)	83 (*) (*) (*) (*) (*) (*)	19 3 -1 (P) (*) 12 (P) (P)	-10 (*) (*) -1 -10 1 0	86 (a) (*) (b) (a) (b) (c)	-376 $^{(P)}$	-27 (P) (P) 0 (P) 0 (Y) (P) (P)	164 12 (P) (P) 1 163 (P) (P)	628 (P) 33 31 -33 617 (P) -2	288 15 (P) (P) (P) 272 -5 (P)	962 (P) 0 (P) 8 931 0	28 -12 (*) -11 -6 (0) (0) (0)	9 (P) -1 (P) (P) (P) -4 (P)
Japan	1,982	417	1,009	30	315	30	410	109	67	48	320	14	151	26	45
Australia, New Zealand, and South Africa Australia New Zealand South Africa	$^{-198}_{-180} \ ^{-64}_{45}$	-155 -98 (^D)	$ \begin{array}{r} -71 \\ -52 \\ 7 \\ -25 \end{array} $	33 4 1 29	18 20 2 -3	231 232 1 -2	$^{-2}_{-34} \begin{tabular}{c} -2 \ (*) \ 32 \end{tabular}$	$ \begin{array}{r} -71 \\ -59 \\ 2 \\ -13 \end{array} $	-262 -184 (P) (P)	-18 -31 (P) (P)	87 31 6 49	61 54 (P) (P)	53 39 8 6	$ \begin{array}{r} -24 \\ -29 \\ 0 \\ 5 \end{array} $	-149 -125 5 -29
Developing countries	8,804	2,067	897	-3	130	-79	132	215	526	-24	71	-1,197	7,488	77	-447
Latin America	7,360	1,076	425	-33	-6	-16	(*)	-86	501	65	42	-873	6,937	-74	-174
South America Argentina Brazil Chile Colombia Ecuador Peru Venezuela Other	880 210 113 75 -52 126 -104 531 -18	604 -5 -3 4 3 (P) -58 590 (P)	522 181 323 2 (*) 12 -1 -19 23	-9 27 -7 3 7 3 -2 -44	70 49 83 2 -38 (*) 5 -35	6 (P) (P) 4 (P) (*) 18 (P) 18 (P) 18 (P) 18	$\begin{array}{c} 67 \\ -21 \\ 94 \\ 0 \\ (*) \\ 0 \\ 0 \\ -7 \\ 1 \end{array}$	-59 (P) -67 (P) (P) -2 -1 18 (P)	343 92 162 (P) (P) 1 0 39	105 27 76 3 4 (P) -2 -9 (P)	-11 9 25 2 4 (*) (*) -51 (*)	-202 20 -266 51 (P) 9 -3 -4 (P)	105 -1 35 59 5 (*) (*) 12 -5	26 17 -6 3 (P) (*) (P) 9	-165 -13 -46 (P) (P) (P) -4 (P)
Central America	207 -134 394 -53	-48 -10 -19 -20	-32 -70 16 22	-18 -45 5 22	-28 -23 -1 -4	(b) -34 (b) (b)	-67 -67 0	-9 -15 0 6	159 159 0	(P) -46 (D) (P)	91 -39 140 -11	145 (P) 121 (P)	92 17 113 4	$-10 \\ -21 \\ 9 \\ 2$	-31 (P) 14 (P)
Other Western Hemisphere Bahamas Bermuda Jamaica Netherlands Antilles Trinidad and Tobago United Kingdom Islands, Caribbean Other	6,274 -1,027 1,742 -16 5,302 -117 284 106	520 3 612 (P) -3 -93 (P) -2	-65 -7 (P) -14 3 -26 (P) (D)	-6 (P) (P) 1 (P) (*) 0 -9	-48 (P) 0 -16 (P) -26 0 (*)	(B) 0 0 0 (P) 0 0 (B)	(*) 0 0 0 0 (*) 0	-18 0 0 0 0 0 0 (^D)	0 0 0 0 0 0	(P) 0 0 1 0 (*) 0 (P)	-38 33 10 -6 -38 (P) (P)	-817 -993 (P) 1 (P) (*) 159 -4	6,740 -46 1,193 (P) 5,317 (*) 153 (P)	-89 -5 -83 -1 -1 (P) (*)	23 -12 (P) -7 (P) (P) 2 30
Other Africa Saharan Egypt Libya Other Sub-Saharan Liberia Nigeria Other	$\begin{array}{c} -31 \\ -211 \\ -112 \\ 14 \\ -113 \\ 180 \\ -51 \\ 538 \\ -307 \end{array}$	144 -234 -130 12 -117 379 -37 593 -177	$\begin{array}{c} -70 \\ 9 \\ 3 \\ 0 \\ 5 \\ -79 \\ 0 \\ -39 \\ -40 \end{array}$	6 1 0 0 1 4 0 (P)	-18 3 3 0 (*) -21 0 -18 -3	-12 (P) (D) (O) (*) (P) (O) -1 (P)	(*) (*) (*) 0 0 0 0	-10 (P) (P) (P) (P) (P) (P)	(P) (P) (P) 0 (P) 14 0 0	(P) (P) (P) (P) (P) (P) (P) (P)	-14 (P) 22 (*) (P) (P) (P) (P) -17	-18 -15 -15 0 (*) -3 -1 4 -7	31 (P) -2 0 (P) (P) 29 0 (P)	1 5 6 (P) (P) -3 (P) (P) -4	-106 3 3 (P) (P) -110 (P) (P) (P)
Middle East Israel Saudi Arabia United Arab Emirates Other	516 -112 56 65 506	826 (P) 81 43 (P)	29 44 -39 3 21	$\begin{array}{c c} -1 & 0 \\ -1 & 0 \\ 0 & 0 \end{array}$	1 4 -10 (^D)	-46 -1 (P) 0 (B)	10 (P) 1 (P) (P)	36 32 4 0 0	(P) 0 0 0 (P)	(^b) (^D) (^D) (^D) -1	-57 (P) 31 (P) (P)	-148 (^D) (^D) (^D) (^D) -158	-77 -59 (P) (P)	23 12 22 (P) (D)	-81 (P) (P) (P) (b)
Other Asia and Pacific. Hong Kong	959 645 65 -79 -36 114 195 63 100 3 -110	21 42 9 18 90 21 -41 4 -6 -70 -45	513 -15 46 3 -104 47 334 42 94 75 -8	26 (°) (*) (*) -1 22 -1 -9 9 (°) (°)	154 39 22 4 (*) 15 24 6 52 3 11	-5 -7 4 (*) (P) 1 -2: (P) (P) (*) 0	122 (P) 8 (*) (P) 0 84 (P) 13 (P) 0	276 37 9 (P) -82 (*) 222 13 26 46 (P)	22 0 1 0 0 2 7 (P) 3 0 (P)	-81 -76 3 (b) (b) (c) 6 -1 (c) (d) (d) 2	100 145 (*) (P) -3 -8 -6 (P) 25 -8	-158 -85 -87 -27 -27 -27 -91 -91 -0 -16 -5 (^b)	597 556 -1 -19 6 -2 -2 -2 49 3 6 (*)	-28 -35 (*) (*) (*) (*) -3 2 (*) (*) (*)	-86 37 (°) (°) (°) -1 -1 (°) (*) 4 (°)
International	-795	-768					••••••								28
Addendum—OPEC 1	1,201	1,425	-79	(D)	(D)	-27	(D)	12	41	-2	-48	-14	-25	18	-77

^{*} Less than \$500,000 (±).

Description Suppressed to avoid disclosure of data of individual companies.

See footnote 1, table 11.

Table 16.—U.S. Direct Investment Abroad: Capital Outflows, 1987

						ollars; inflo	ws ()j					-	, · · · · · · · · · · · · · · · · · · ·		
	All indus- tries	Petro- leum	Total	Food and kindred products	Chemicals and allied products	Primary and fabri- cated metals	Ma- chinery, except elec- trical	Electric and elec- tronic equip- ment	Transportation equipment	Other manu- facturing	Whole- sale trade	Banking	Finance (except banking), insur- ance, and real estate	Services	Other indus- tries
All countries	44,455	4,657	20,087	1,630	4,093	219	4,691	1,419	3,456	4,578	5,040	604	13,829	1,947	-1,708
Developed countries	34,109	4,109	18,302	1,606	3,502	129	4,352	1,238	3,452	4,024	4,306	790	6,689	1,052	-1,140
Canada	6,358	920	2,351	225	82	120	393	207	969	355	564	34	2,202	64 907	223 -874
European Communities (12)	23,724 20,869	1,896	14,130 13,662	1,107 1,057	2,820 2,778	-160 -155	3,324 3,276	878 843	2,721 2,807	3,440 3,056	2,915 2,014	554 144	4,196 3,718	743	-853
Belgium	1,637 153	56 -309	756 73	60 33	246	(P)	69 (P)	76 17	(P)	(P) 13	152 62	111 (P)	478 18	99 5	-15
France	2,049 3,333 20	-20 -20	1,808 2,815	64 -12 (b)	508 260 9	-302 (*) 23	520 1,004 0	18 186 2	1,239 0	651 439 (P)	197 61 (P)	-64 194 (⁰)	150 (P)	-26 11 (P)	66 122
GreeceIrelandItaly	983 1,357	5 (P) 16	741 1,086	104 99	300 215	23 22	138 418	50 44	(*) 108	126 224	34	(P) -10	290 67	-89 60	-1 (^D) -52
Luxembourg Netherlands	-19 $2,439$	(P) 7	-81 829	0 161	(P) 365	4	-9 -4 (P)	(P) 41 (P)	0	-50 (D)	223 (P) 713	-122	(D) 674	320	17
Portugal Spain	87 1,186	-53 1,760	1,047	126	8 80	43 (P) 24 66	142	19	(P) (P) (P) 750	10 (D)	31 110	23 59 -61	(P) -1 1,979	(P) (P) 322	(P) (P) -988
United Kingdom	7,950 2,855	456	4,497	416 50	812 43	_6	1,000 49	333 34		1,119	901	410	478	164	-366 -21 (D)
AustriaFinland	-55 92	30	-105 2	(P)	3 (*) (P)		(D)	(*)	-86 (P) (P)	-43	(P) 72	12 (P)	(P)	25 (*)	0
Norway Sweden	428 180	302 (b) (b)	36 66	(*) (D) (D)	(P) 3 30	-12	-1 2 54 (P) 0	$\begin{array}{c c} & 0 \\ -1 \\ 34 \end{array}$	(P)	(D) (D) (D)	56 53 718	(P) 409	(P) 19 446	-5	(b) (b) -31
Switzerland Turkey Other	2,130 -8 88	-13 48	436 11 21	(9)	(P) (P)	(*)	0	2	(*) (P)	(P)	(P)	-11 (P)	0 (P)	-5 (P) (P)	(P) (D)
Japan	2,639	-51	1,543	207	498	42	(D)	150	-153	(D)	754	151	96	36	110
Australia, New Zealand, and South Africa	1,388 1,157	1,344	278 148	67 63	102 76 6	127	(^p) -118	3 4	-85 -87	(^D)	73	51 (P)	195 166	46 39	-599
Australia	1,137 109 122	1,329 (^D)	33 97	(*) 4	6 21	95 2 31	(P)	2 -3	(P)	(b) (b)	22 5 46	(P) (P)	19 11	0 7	(P)
Developing countries		564	1,785	24	592	90	339	182	4	554	733	-186	7,140	894	-423
Latin America	7,166	15	963	-21	330	56	259	-187	17	508	170	-404	6,228	352	-158
South AmericaArgentina	474 86	-287 -69	704 20	50 20	179 -7	38 (P)	306 12	-233 (P)	-24 (D)	388 (P) 316 (P) (P)	-50 1	80 5	69 -18	51 8	-93 -34
Brazil Chile	669 -7	37	501 55	-84 22	$-7 \\ 153 \\ 12 \\ 8$	67 (P)	319 0	-259 (D)	-11 (b) (b)	316 (P)	-33 -23	47 36 (P)	109 4 12	21 5 (P)	-12 -89
Colombia Ecuador Peru	$-12 \\ 29 \\ -40$	$\begin{vmatrix} -11 \\ -21 \\ -71 \end{vmatrix}$	$\begin{bmatrix} -17 \\ 5 \\ 3 \end{bmatrix}$	30 4 (D)	_1	-38 (P)	(*) 0 0	(P) (P) (*) (*)	1 0	(P)	-23 8 5 15	6	(P)	(*)	(P) (P)
Venezuela Other	-54	-125 -32	126 11	48 (0)	5 7 2	$\begin{bmatrix} 1 \\ 5 \\ -1 \end{bmatrix}$	$-\frac{0}{1}$	24 (P)	13	54 (P)	-24 1	-4 (^D)	-49 -4	19 (P)	(P)
Central America	789	212	245	-79	152	(D)	-47	41	41	(P)	49	- 145	281	49 42	99 (P)
MexicoPanamaOther	241 446 101	23 163 26	197 27 21	$ \begin{array}{c c} -93 \\ 3 \\ 11 \end{array} $	128 17	14 (D) (D)	-47 0 0	39 0 2	41 0 0	115 (P) (P)	-78 121 5	-154 (P)	15 266 (*)	4 3	
Other Western Hemisphere	5,903	90	15 -7	8	-1	(D)	(*)	5	0	(P) 0	172	-339	5,878	251 17	-163
Bahamas Bermuda Jamaica	-199 3,462 -16	-54 121	(*)	(D)	(P) (*) 9	0	0	0 0	0	0 0	57 50 -4	-309 (P)	3,053 (P)	234 -1	(*) (D) -28 (D)
Netherlands Antilles Trinidad and Tobago	2,587	(P) (P) -1	-4	(P)	(P) -5	(P)	0	0	0	(*)	16 (P) 39	(*) (*) (*) -37	2,558	1 (P)	(P)
United Kingdom Islands, Caribbean Other	180	(P) (P)	1 (4)	0 2	(*)	(D)	0	(p)	0	(P)	39 (P)	$-\frac{37}{2}$	176 (P)	(P)	(*) (D)
Other AfricaSaharan	687 -130	766 -54	22 5	34	4 (P)	-4	0	1 (^D)	(P) (P) (P)	(P) (P) (P)	$-36 \\ -15$	-69 -80	-1	10	5
EgyptLibya	- 189 56	-105 51	$-\frac{1}{0}$	(P)	(P) (P)	(P) (P) 0		(P) (P)	1 0	1 0	(^D)	-80 0	_1	10	(D)
OtherSub-Saharan	817	$^{-1}_{820}$	17 0	(P) 30 0	(*) (P) 0	(P) (P) 0	0 0	(P) 0	-2	-12 0	(P) -21 (P) (P)	12 -4		2	-28 (P)
Liberia Nigeria Other	. 627 . 187	621 197	-1		-1 (^D)	1	0	(P)	1 0	(P)	(P) -1	14	0		3 (P) -28 (P) (P) -22
Middle East	186	-56		0	-16	7	(*) (P)	20	(P)	1	66	-156	83	490	-254
IsraelSaudi ArabiaUnited Arab Emirates	. 192 399 -88	173	-5	0 0	(P)	-2 (P) 0	(b) -2 (b) (*)	$\begin{bmatrix} 21 \\ -2 \\ 0 \end{bmatrix}$	0		(P) (P) 7	(P) -11		24 470	-245
Other	-316	-93 (^D)	1	0	(P)	(D)	i	0	(D)	(p)	(D)	(b)	(D)	(D)	
Other Asia and Pacific	. 1,451	-161 68	120	10 (P)	274 59	31 11	80 (P)	348 17	1 0	(D)	533 398	443 166	702	32 (*)	-35 (*)
India Indonesia Malaysia	. 475	-516 9	7	1	25 3 2		6 (P)	(P) 8	0	(D)	398 (P) (P) -2 21 -37 (P)	14 -9	(*)	32 (*) -1 0	(b) 2
Philippines Singapore	. 48	-5	14	7	26 (P) 7	1 -1	-3 -37 (P) 88	-9 121 28	2	-10	21 -37	-7 72 88 86	(*) 37 19	1 5	16
South Korea Taiwan	. 442	111 (*) -2	81 337	-11	68	(P)	(D) 88	28 167	1 8	19 (P)	11	88	5	(P) (*)	(P) 4 2
Thailand Other	. 196 184	137 19	33	(*) (D)	-6		10	22 (P)	(^D)		10 121	13 16	1 -1		(P)
International	1	ļ	1		·····		ļ	·			ļ				145
* Less than \$500,000 (+)	. 476	100	123	53	-15	15	-21	22	14	55	-19	20	9	489	-246

^{*} Less than \$500,000 (\pm) . $^{\rm D}$ Suppressed to avoid disclosure of data of individual companies. 1. See footnote 1, table 11.

Table 17.—U.S. Direct Investment Abroad: Equity Capital Outflows, 1985

						Manuf	acturing					· ·			
	All indus- tries	Petro- leum	Total	Food and kindred products	Chemicals and allied products	Primary and fabri- cated metals	Ma- chinery, except elec- trical	Electric and elec- tronic equip- ment	Trans- portation equip- ment	Other manu- facturing	Whole- sale trade	Banking	Finance (except banking), insur- ance, and real estate	Services	Other industries
All countries	-2,210	-2,594	287	133	238	-9	27	-131	35	-6	179	756	-329	-236	-274
Developed countries	-945	-2,510	246	(D)	162	41	23	-22	-40	(D)	163	574	829	-30	-217
Canada	2,625	-2,733	70	(D)	(D)	(B)	-5	(D)	(^D)	(D)	2	8	186	-1	-158
Europe	1,321	149	123	(D)	91	(^D)	19	(D)	(D)	-16	19	568	479	-30	13
European Communities (10) Belgium Denmark France Germany Greece Ireland Italy Luxembourg Netherlands United Kingdom	23 (P) 82 102 (P) 25 31 9 - 135 1,045	41 0 (P) 0 1 0 (P) -7 0 -191 204	157 25 0 19 69 0 2 34 (P) (P)	(P) (O) (O) (O) (O) (O) (O) (O) (O) (O) (O	84 1 0 (P) 37 0 0 14 0 -4 (P)	(P) 0 0 (P) 1 0 0 0 (P) 0 (*)	16 0 (P) 8 0 0 19 0 (P) -24	17 2 0 0 4 0 0 4 0 0 0 8	1 0 0 3 (P) 0 0 (P) 0 0 (P) 0	(P) (P) (O) (P) (O) (O) (O) (O) (O) (O) (O) (O) (O) (O	55 -12 0 33 28 2 0 1 0 (*) 3	(P) 1 25 11 (P) (P) 2 (P) (P) 397	521 (b) 1 2 (b) (*) 0 1 0 (p) 460	-37 0 (*) 2 -2 0 0 0 0 0 -41 3	(*) (*) (*) (*) (*) 0 0 0 0 (*) (*)
Other Europe Austria Finland Norway Portugal Spain Sweden Switzerland Turkey Other	3 202 9 (P) (P) -44	108 0 0 179 5 (P) (P) (P) -5	-34 -2 0 1 4 -21 -16 (*) 0	-2 -2 0 0 0 (*) 0 0 0 0 0 0	8 0 0 0 0 8 0 0 0	(P) 0 0 0 4 (P) 0 0 0	3 0 0 0 3 0 0	(P) 0 0 0 0 (P) (*) 0	(P) 0 0 0 0 (P) 0 0 0	(P) 0 0 1 0 (P) -16 (*) 0	-37 (*) -1 (P) 0 (P) (*) (P) 0 0	93 5 3 (P) (*) 1 0 (D) 4 (*)	-42 0 0 (*) 0 0 0 0 -42 0 0	7 0 0 (*) 0 (*) 0 7 0	11 0 0 0 0 0 1 10 0
Japan Australia, New Zealand, and South Africa Australia New Zealand South Africa	1	67 68 0 -1	3 49 (^D) (^D) -5	(*) 0 0 0 0	(P) (P) (-12 (P) (P)	-3 -1 (*) -2 0	0 9 (P) 0 (P)	-27 -8 0 0 -8	0 0 0 0	(P) (P) (P) 0 -1	(D) (D) (D) (O) (*)	-50 48 48 0 0	(P) 134 (P) (*)	(*) (*) -1 0 1	-71 -67 0 -5
Developing countries	-1,276	-111	41	(P)	76	-51	4	-109	75	(D)	17	182	-1,158	-206	-42
Latin America	1,646	-684	_9	(b)	22	-51	3	(D)	(D)	7	(a)	165	-1,172	(P)	-17
South America Argentina Brazil Chile Colombia Ecuador Peru. Venezuela Other	123 -64 16 (P) 2 -81 -2	-605 50 3 0 (P) 2 -83 (*)	$\begin{array}{c} -39 \\ 66 \\ -110 \\ 1 \\ 7 \\ 0 \\ 1 \\ -6 \\ 3 \end{array}$	(P) (P) -12 0 (*) 0 0 0 0	(P) 12 0 5 0 1 -6 0	(P) (P) -20 0 2 0 0 -2 0	(*) 0 -2 0 0 0 0 0 2	(P) (P) -95 1 0 0 0 0	(P) (P) 4 0 (*) 0 0 3 2	8 7 4 0 0 0 0 0 0 0 -3 (*)	(*) 0 0 0 0 (*) 0	92 7 (P) 13 0 (*) 1 3 (P)	-13 (*) (B) 8 (P) 0 0 1 0	(*) 0 (*) 0 0 0 0	-4 -1 (^b) -6 -7 0 0 0 (^b)
Central America	. 102 32	0 0 0 0	(P) 58 0 (P)	0 0 0 0	11 11 0 (*)	(P) 0 0	2 2 0 0	1 1 0 0	(P) (P) 0	-1 (b) 0 (b)	(b) (p) 0	(P) 5 40 (P)	-14 2 -1 -15	(P) (P) 0	-14 (*) -7 -7
Other Western Hemisphere	. (P) -73 (P) -860 -75 16	-79 (*) 0 0 -75 0 -4	(P) 0 (P) (P) 0 0 0 -5	(P) 0 (P) 0 0 0 0 0	(P) 0 0 (P) 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	31 0 0 0 0 0 0 0 31	(P) (P) 0 (*) 4 0 1 (*)	-1,145 (P) (P) (P) -46 -864 0 15 (*)	0 0 0 0 0 0 0	\ \ \i
Other Africa Saharan Egypt Libya Other Sub-Saharan Liberia Nigeria Other	(a) (b) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	219 29 (P) (P) (P) 190 (P) (P) (P) 115	-19 0 0 0 0 -19 0 (*) -18	(*) 0 0 0 (*) 0 (*) 0	(*) 0 0 0 (*) 0 0 (*)	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0	0 0 0	-18 0 0 0 0 -18 0 0 -18	(P) 0 0 0 0 (P) 0 (P) 0	12 7 7 0 0 4 1 0 4	-6 1 1 0 0 -7 (^D) 0 (^D)	0 0	(P)
Middle East Israel Saudi Arabia United Arab Emirates Other	$ \begin{array}{c c} & 6 \\ & -44 \\ & -162 \end{array} $	70 0 137 -122 55	1 1 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	1 0 0	0	0 0 0 0	-2 (*) 0 -2	2	(D)	-179 (P)	$\begin{vmatrix} -1 \\ 0 \end{vmatrix}$
Other Asia and Pacific	328 -37 4 232 8 -85 39 19 -4 -15	284 (^D) 2 201 0 (^D) 0 0 (^D)	68 47 -1 14 (^D) (^D) 2 4 3	000000000000000000000000000000000000000	53 47 -2 5 0 0 0 0 3 0 (*)	0 0 0 0 0 0 0 0	1 0 0 0 0 0 1 0 0 0 0 0	(b) 0 0 0 (c) 0 0 0 0 4 0 0	(D) 0 0 0 0 (D) 0 0	1 0 (*) 0		11 (b) 4 -2 (*) 2 51 9	(D) -22 0 (P) 0 0 -1 2 0 0	0 0 0 -3 4 0	(b) (b) (c) (d) (d) (d) (d)
International				/es	1	······	2	/D\	3	(B)	4	4	23	(P)	–16
Addendum—OPEC 1	24	158	8	(*)	-1	-2	2	(P)	3	(D)	4	4	23	1 (8)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

^{*} Less than \$500,000 (\pm). Description Suppressed to avoid disclosure of data of individual companies. 1. See footnote 1, table 11.

Table 18.—U.S. Direct Investment Abroad: Equity Capital Outflows, 1986

				[M	illions of d	ollars; infl	ows (—)]								
						Manuf	acturing						Finance		
	All indus- tries	Petro- leum	Total	Food and kindred products	Chemicals and allied products	Primary and fabri- cated metals	Ma- chinery, except elec- trical	Electric and elec- tronic equip- ment	Trans- portation equip- ment	Other manu- facturing	Whole- sale trade	Banking	(except banking), insur- ance, and real estate	Services	Other indus- tries
All countries	274	1,541	-3,216	-14	-549	133	-42	-2,322	118	-540	-113	-536	3,209	-193	-418
Developed countries	-682	679	-2,977	73	-463	183	-53	-2,264	-28	-425	-73	-92	2,208	-205	-222
Canada	-273	320	-315	(D)	(D)	(_D)	11	-63	(D)	-265	-24	2	-28	-10	-216
Europe	-282	272	-2,502	43	-470	(P)	45	-2,105	(D)	-16	-97	-112	2,319	180	18
European Communities (12) Belgium	179 -160	193 0	$-2,060 \\ -414$	43 1	-467	(P)	54 0	-1,669	(P)	$-22 \\ 0$	-130	-69	(P) (P)	$-130 \\ -3$	(D) (*)
Denmark France	-173 -227	(P)	-80 -227	(P)		0 -3	0	(P) -2	ŏ	ا ا	(D)		(P) - 30	_9	(*) 0
GermanyGreece	-603	0	-563 -8	0	(P) 0	1 0	(P) -3 0	-2 (P) -8	0	(P) 7 0	-25 -1	45 (P)	2 (*)	(P) (P)	(P)
IrelandItaly	_15 _1368	3 (D)	(^D) -579	(P) -4	0 −13	, ŏ	(D)	-551	, ŏ	(P) (P) 0		_591	-50 (P)	(D)	(a)
LuxembourgNetherlands	-7 (P)	(P)	0 -43	(P)	0 (D)) -1) 0	(P)) ó) ó	(P)	(b) (D)	(P)) (Ď)	0
Portugal Spain	(Þ) - −85	(P)	(P) -45) 6	(P)	(*)	0	(D) (D)	Ŏ	1 0	Ó	(P)) Ó) (Þ)	-3
United Kingdom	929	123	-112	ŏ	– 54	(P)	-22	`ó	(P)	-37	-51	326	590	. `í	52
Other Europe	(D)	79 0	-442 (P)	0	$-3 \\ 0$	0	$-9 \\ 0$	-436 (D)	0	6	33 (*)	-43 6	(P)	-50 0	(P) 0
Finland Norway	(P) -136	76	(D)	0	0	ŏ	0	(D) (D)	Ŏ	0	0	0	0	(P)	0
Sweden Switzerland	$-6 \\ -226$	0	-122	0	$-\frac{3}{0}$	0	(p) (p)	(P)	0	0 6	(D) (D) (D)	0 -51	(*)	-32 (*)	(P) 0
TurkeyOther	$\begin{pmatrix} 6 \\ -1 \end{pmatrix}$	3 0	0	0	0	0	0	0	0	0	0	$\begin{vmatrix} & 3 \\ -1 & \end{vmatrix}$	0	(*)	0
Japan	149	(D)	-184	-1	38	_3	(^D)	(D)	10	(P)	15	1	8	(P)	0
Australia, New Zealand, and South Africa	22	(D)	25 85	(P)	(P)	218	(P) -33	(P)	(D) (D)	(^D)	34	17	-91	(D)	-23
Australia New Zealand	22 (P) (P) -96	(P) 30	85 0	-6	$\begin{bmatrix} -4 \\ 0 \end{bmatrix}$	237	1 0	(P) 0	(P)	$-\frac{24}{0}$	29 (P) (P)	14 3	-91 0	0	10
South Africa	i	0	-60	(D)	(D)	-19	(P)	-9	(D)	(D)	1	0	(*)	(D)	-33
Developing countries		887	-240	-88	-86	-50	11	-58	146	-115	-40	-443		12	-212
Latin America	1	463	-127	-80	-88	-50	(D)	(D)	156	(P)	(D)	-581	636	1	(P)
South America Argentina	297 24	(D)	$-145 \\ 12$	(P) 0	$-70 \\ 3$	$-\frac{16}{3}$	2 0	(P)	(^D)	-50	(D)	123 (P)	23	-2 -1	-47 (P) (P)
Brazil Chile	82	1 0	-73 (D)	(^D)	-57 0	-19 0	2 0	-3 (P)	(P) 0	8 0	(P) 0	31 (P) 2	(P) (P)	(*) 0	(b) -2
Colombia Ecuador	-12 (P)	(b) (D) 0	-11 0	(*)	(P) 0	1 0	0	0	(*)	(P) 0	(*)	5	0	0	-2 (P) (*) -2
PeruVenezuela	$^{-4}_{312}$	391	-3 (P)	0	(P)	0	0	$-\frac{1}{0}$	0	-4 (b) 0	0 2 0	(P)	-21	0	-2 (P)
Other	i	(P)	(*)	0	0	0	0	0	(*)		ļ	1	0	0	0
Central America Mexico	39	$\begin{bmatrix} & 1 \\ 1 \\ 0 \end{bmatrix}$	40 40	(D)	(D)	$-35 \\ -35$	(P)	(D)	(P)	(p) (p)	(P) (*) (P)	33	-8	3	(D)
Panama Other	29 -13	0	0	0	0	0	0	0	0	0	(P)	29	(b)	0	(P)
Other Western Hemisphere	-61	(P) 0	$-22 \\ 0$	(b)	(P)	0	0	0	0	0	(P) 0	-737	627	0	-15
Bahamas Bermuda	-277	0	0	0	0 0	0 0	0 0	0 0	0	0 0	0	0	-277	0 0	
Jamaica	786	0 0 (P)	(P) 0 0	0	(P) 0 0	0 0	0	0	0 0	0	0 0	1	785	0	0
United Kingdom Islands, Caribbean Other	(P) -16 (P)	(P)	(P)	(D)	0	0	0		0	0	(P)	(D)	(D)	ŏ	0
Other Africa			1		0	"	"	_2	0	(*)	1	l .	(1)	0	(P)
Saharan Egypt	$ \begin{array}{cccc} & -72 & 3 \\ & 22 & \\ & -12 & -8 \\ & -75 & -11 & \end{array} $	5 24	-2 (*) 0	ŏ	0	0	Ŏ O	(*)	, o	0	(*)	$-1 \\ -1$	Ö	0	0
Libya Other	$-\frac{12}{-8}$	24 -11 -8	0) ŏ	0	0	0	0	0	0	0 0	0	0	0	
Sub-Saharan Liberia	_75 11	-8 (P) 0	(*) -2 0	0	0	0	0	(*) -2 0	0	(*)	1 0	(*)	-1 0		
NigeriaOther	(P)	(P) 77	-2	1 0	0	0	0	0	0		0	$-3 \\ -1$	-1	0	(P)
Middle East	. 769	(D)	(D)	(D)	0	0	0	0	0	-1	(*)	85	(P)	(P)	
Israel Saudi Arabia	1 3	(P)	(P)	(P)	0	0	0	0	0	0 -1	0	0	0 0	(P)	(b)
United Arab Emirates Other	. 20	-7 (P)	0	0	0	0	0	0			(*)		(P) -1	0	0
Other Asia and Pacific	23		(P)	(D)	2	0	(b)	(b)	-10	(2)	(P)	59	(P)	(<u>b</u>)	-82
Hong Kong India	. 3	(P)		0	0	0	(*)	0	0		0	3	0	(P)	0
Indonesia Malaysia	.l –9	0	-5	0	0	0	-4	_1	1 0	Ö	0	(P) -5	-21	0	`ó
Philippines Singapore	.1 -41	(P)	-6	(*)	-16	Ŏ	(D)	-5 -3 6 (P)	(P)	0	(*)	(P)	0		(P)
South Korea Taiwan	$\begin{bmatrix} & 42 \\ -33 \end{bmatrix}$	0	(D)	(P)	(P)		(P)	(p)	9		0	(b)	0	0	
Thailand Other	. (D)	(^D)	2	1 0	(*)	0	0	0	0	. 0	0	(*) (D)	(*)	0	
International					ļ		ļ								16
Addendum-OPEC 1	. 100	217	-73	(P)	(D)	0	0	0	. 0	(D)	2	17	-25	(D)	(D)
		ــــــــــــــــــــــــــــــــــــــ	1			<u> </u>		1		J	1.			<u> </u>	

^{*} Less than \$500,000 (±).

Description Suppressed to avoid disclosure of data of individual companies.

See footnote 1, table 11.

Table 19.—U.S. Direct Investment Abroad: Equity Capital Outflows, 1987

Petro tries					MJ	illions of d	ollars; infl	ows (—)]			_					
Developed countries		indus-		Total	and kindred	cals and allied	Primary and fabri- cated	Ma- chinery, except elec-	and elec- tronic equip-	portation equip-	manu-	sale	Banking	(except banking), insur- ance, and real	Services	Other indus- tries
Cimeris	All countries	2,470	1,589	205	59	42	- 204	8	52	-78	325	96	567	2,087	191	-2,265
Engrey Property	Developed countries	772	1,253	116	141	62	-162	-38	-8	-204	326	79	-131	1,212	162	-1,918
December Communities (12)	Canada	408	-26	188	, (P)	60	(D)	29	(D)	-26	-2	8	(D)	414	-3	(D)
Demicrack	Europe	798	(D)		107	17								1,107	l .	(P)
Norway	Belgium Denmark France Germany Greece Ireland Italy Luxembourg Netherlands Portugal Spain	-37 (P) 228 -387 (P) (P) -124 36 (*) 10 -4 1,200	0 (e) (e) 0 (e) 0 (e) 0 (f) 911	(P) 0 219 -229 (*) -4 -110 (P) -22 1 -16 299	(*) 0 4 (*) 0 0 (*) 0 0 (*) 0 0 (*)	-1 0 2 9 0 0 (P) (P) (P) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(*) 0 4 (P) 0 0 (P) 1 0 0 0 0 (P)	0 57 -5 0 -5 (P) 0 0 0 (P) 2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 (P) 5 0 0 (P) 0 5 (P) 0 5 (P)	(P) (P) (P) (P) (P) (P) 3 3 1 (P) 287	4 (P) 1 7 4 0 4 0 -2 0 (P) 27	(P) (*) 20 (P) (P) (*) 7 7 -12 (P) (P) 2 29	(P)	0 0 -11 -2 0 0 0 0 (P) 0 (°)	(P) 0 0 0 3 0 0 1 0 (P) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Australia, New Zealand, and South Africa. -158	Austria Finland Norway Sweden Switzerland Turkey	$-47 \\ 0 \\ 47$	38 0 0 (P)	(P) (P) (P)	0 0 0 0 0	0 0 0 (P)	0 0 (P) 0	0 0 0 0 -2 0	0 0 0 0 0	0 0 0 0 0	0 0 (P) 1	(*) (*) (*) (*)	(P) 0 3 0	1 0 1 (*) (D) 0	0 0 0 0	(P) 0 0 0 (P) (P) 0
Australia	- Japan	-280	0	-106	-3	-3	0	(D)	(*)	(D)	(D)	(D)	6	(^D)	(D)	(D)
Latin America 332 -14 77 (b) -10 (b) 39 (b) 111 (c) 1 464 49 28 -18 -10 10 -46 -25 (c) 26 10 (c) (c) (c) (c) 17 2 -5 (c) (d) 18 111 11 15 (c) (c)	Australia New Zealand	(D)	0	-78 0	(P) 0	$-12 \\ 0$	0	(P) 0	0	(P) 0	0	(D)	0	(P) 0	(a) (b)	-642 -642 0 (*)
South America	Developing countries	1,718	(D)	89	-81	-20	-42	46	61	126	-1	17	698	875	29	(P)
Argentina	Latin America	392	14	77	(P)	-10	(D)	39	(D)	111	(P)	1	464	49	28	-213
Panama	Argentina Brazil Chile Colombia Ecuador Peru Venezuela	-24 110 -69 -23 6 (*)	(P) 1 0 5 0	14 14 (b) -28 0 0 -11	1 (P) (P) 1 0 0	15 (P) 0 -1 0 (P)	(P) -9 3 (P) 0 0	0 26 0 0 0 0	(P) 0 0 0 0	(P) (0 (*) 0 0 0 4	(P) (O) (O) (O) (O) (O) (O)	17 (P) 0 1 0 0	(P) (P) 0	-5 (P) (P) 0 0 0	(P) 0 0 0 0 0	(P) (P) (O) (O) (O) (O) (O)
Netherlands Antilles	Mexico Panama	100	0	(P)	0	15	(P)	13	(P) 0	(P)		(P)	(P) (P) 48 (*)	-39 -6 (P)	0	0 0 0 0
Libya	Bahamas. Bermuda	-928 3 -9	0 0 0 0 3 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0	0 0 0 0 0	0 0 0 0	0 0 0	0 0 0 0 0 0	0 0 0 0	0 0 0 0	(P) 0 (*) (P) 0 -9	(P) (P) (*) (P) 0 (*)	0 0 0 0	(P) 0 0 1 0 0 0 0 (P)
Saudi Arabia C O O O O O O O O O	Saharan Egypt. Libya Other Sub-Saharan Liberia Nigeria	3 (P) 0 (P) 295	(P) (P) 1 0 (P) (P) 0 (P) 5	0 0 0 (P)	0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0 0 0	(P)	0 0 0 -4 0 (*)	0 0 0 0 0 0 0	(P) -4 0	0 0 0 0 0	0 0 0 0	(P) 0 0 0 0 (P) (P) (P)
Other Asia and Pacific 817 -261 18 (P) (P) 0 7 13 (P) (P) 17 241 (P) 0 Hong Kong. 950 3 2 0 0 0 0 0 2 0 (P) 0	IsraelSaudi ArabiaUnited Arab Emirates	211 -10 (P) -53 (P)	(P)	-5	0) Ó	0	0 0	(P) 0 0	0 0	0 0	0 0	0 0 2	(*)	0 1 0	$-\frac{1}{0}$
	Other Asia and Pacific	817 950 16 -343 -3 -26 44	(P) (P) (O) (P) (P) (P)	2 (P) -2 -5 -8 -5 37 8 (P)	0 0 0 -3 (P) 0 0	0 0 -2 0 0 0 0 0 (p)	0 0 0 0 0 0 0 0 0	(P) 0 0 0 0 0 (P) 0	0 0 0 -2 (b) -5 4 (p)	0 0 0 0 0 0 (P)	2 0 0 0 2 0 (P)	0 0 -5 0 (P) (P) 0 0	(P) 3 (P) (*) 13 54 23 9 (P)	(*) (*) 2 0 (*) 0 0 0	000000000000000000000000000000000000000	(P) 0 0 (P) 0 0 0 0 3
Addendum—OPEC 1					ļ	ļ	ļ	ļ				 	·····			. (P)
* Less than \$500,000 (+)		. 156	172	-19	0	-42	(_D)	0	5	4	(p)	-5	29	(D)	1	(P)

^{*} Less than \$500,000 (±).

Description Suppressed to avoid disclosure of data of individual companies.

See footnote 1, table 11.

Table 20.—U.S. Direct Investment Abroad: Reinvested Earnings, 1985

					[Million	ns of dollar	8]								
						Manuf	acturing	•					Finance		
	All indus- tries	Petro- leum	Total	Food and kindred products	Chemicals and allied products	Primary and fabri- cated metals	Ma- chinery, except elec- trical	Electric and elec- tronic equip- ment	Trans- portation equip- ment	Other manu- facturing	Whole- sale trade	Banking	(except banking), insur- ance, and real estate	Services	Other indus- tries
All countries	19,009	2,594	10,054	971	970	198	4,043	637	1,614	1,619	1,952	355	3,224	412	418
Developed countries	16,243	2,475	9,118	920	945	212	3,913	366	1,282	1,480	1,626	801	1,671	311	241
Canada	2,001	738	952	64	68	62	86	119	547	142	85	11	90	59	66
Europe	13,644	1,540	7,998	844	1,021	210	3,550	312	704	1,358	1,423	783	1,488	264	147
European Communities (10) Belgium Denmark France. Germany. Greece. Ireland Italy. Luxembourg. Netherlands United Kingdom	11,375 628 212 1,101 2,722 -58 676 792 22 1,455 3,825	1,250 32 37 -26 266 (P) -1 (P) (P) 363 679	7,635 302 26 909 2,051 -4 405 737 -8 743 2,473	799 1 26 59 73 (*) 87 44 0 150 360	956 35 1 79 116 -1 98 (P) (P) 284 348	230 12 2 14 149 0 18 (P) (P) 12 27	3,238 12 (*) 586 959 0 104 539 -7 208 838	313 (P) -7 19 99 (*) 38 90 (P) -8 44	887 (P) 0 63 356 0 (*) (P) 0 -4 425	1,212 168 3 90 298 -3 62 38 22 102 431	698 140 132 116 16 (P) (P) 42 (*) 144 102	424 65 8 48 200 63 (P) (P) 32 17 91	1,032 64 (*) 23 145 1 (P) (P) (P) 129 330	188 19 7 21 -8 (*) 10 19 0 46 73	149 1 3 9 51 -1 -1 -4 0 13 76
Other Europe Austria. Finland Norway Portugal. Spain Sweden Switzerland Turkey Other	2,269 12 68 182 37 183 169 1,612 15 -9	291 (P) -5 88 -22 1 (P) (P) (P)	363 18 1 (P) 26 61 128 (P) (*) -34	45 (*) 0 (*) 5 (*) (*) (*) (*)	65 (*) (*) 6 -3 31 5 29 (*)	-13 -8 4 0 0	312 (P) (*) 0 (P) (P) (P) 5 0	-1 3 -1 (P) 155 -33 (*) (P) (*) 0	-183 (b) 0 0 (c) -163 7 0 (*) -32	146 5 1 -2 4 30 10 98 1 (*)	725 10 69 72 19 36 22 480 (P)	360 4 4 1 10 68 0 277 -5 1	456 (P) 0 (P) (*) 2 (P) 432 0 20	76 3 (*) 4 3 17 (*) 46 1 1	-1 4 (*) 1 1 -2 (*) -7 1 (*)
Japan Australia, New Zealand, and South Africa Australia New Zealand South Africa	$-430 \\ -304 \\ 34 \\ -160$	81 (P) 5 (P)	602 -434 -275 4 -163	25 -13 -9 2 -6	72 -79 -36 4 -46	-32 -27 -25 -1 -1	(P) (-59 (*) (P)	-55 -10 -5 -1 -3	(P) -69 -2 (P)	79 -99 -72 3 -30	153 -35 -12 13 -36	51 -44 (P) -1 (P)	72 20 9 10 1	-11 -9 (*) -2	-7 -14 2 5
Developing countries	2,842 1,882	150 -164	936 579	51 96	25 47	-13 15	130 77	271 62	332 163	140 120	326 107	-445 -83	1,554 1,467	-6	-18
South America Argentina Brazil Chile Colombia Ecuador Peru Venezuela Other	-227 -91 -56 4 67 15 -52 -53 -60	12 -31 -8 6 106 (P) -49 (P) -3	232 -81 377 -3 -31 13 -9 -32 -3	64 39 23 (*) -7 3 -2 4	$\begin{array}{c} 9 \\ -2 \\ 67 \\ 2 \\ -36 \\ 2 \\ -4 \\ -21 \\ 2 \end{array}$	-14 -12 -3 -3 -1 (*) -2 7	84 23 63 0 (*) 0 0 0 -3	71 -9 80 2 -3 2 (*) 4 -3	-25 (P) 97 1 (P) 1 0 -51 -6	43 (P) 52 -4 (P) 4 (*) 29 (*)	-4 (*) 6 -9 (*) 2 -4 -1 1	-464 3 -435 14 (b) (b) (c) -3 -5 (b)	6 12 -2 -2 5 1 (*) -5 -3	5 3 -1 4 2 (*) (*) -2 (*)	-14 3 5 -7 (P) (*) 12 (P) (P)
Central America	$^{357}_{-127}$	$ \begin{array}{r} -9 \\ -8 \\ 24 \\ -25 \end{array} $	357 351 (P) (P)	23 23 -2 2	67 37 (P)	26 31 -3 -2	-7 -7 0 0	$\begin{bmatrix} -11 \\ 4 \\ 0 \\ -16 \end{bmatrix}$	188 188 0 0	71 75 1 -5	55 47 13 -5	27 -3 34 -5	$ \begin{array}{c c} -210 \\ -6 \\ -208 \\ 4 \end{array} $	$\begin{bmatrix} -8 \\ -14 \\ 1 \\ 5 \end{bmatrix}$	-29 -10 (P) (P)
Other Western Hemisphere Bahamas Bermuda Jamaica Netherlands Antilles Trinidad and Tobago United Kingdom Islands, Caribbean Other	1,927 149 480 24 802 64 504	-167 2 32 3 (P) (P) (P) (*)	$\begin{array}{c c} -10 \\ 2 \\ 0 \\ -23 \\ 5 \\ -9 \\ 1 \\ 15 \end{array}$	8 (*) 0 (*) 3 1 0 4	$\begin{bmatrix} -29 \\ 2 \\ 0 \\ -23 \\ 1 \\ -10 \\ 0 \\ 1 \end{bmatrix}$	3 0 0 0 (*) 0 0 3	(*) 0 0 0 0 (*) 0	2 0 0 0 0 0 0 1 1	0 0 0 0	6 0 0 (*) 0 (*) 0 0 6	56 17 12 (P) 6 (P) -2 2	353 10 (P) -1 (P) (P) 308 -1	1,671 102 457 -2 902 (*) (P)	(P)	1
Other Africa Saharan Egypt Libya Other Sub-Saharan Liberia Nigeria Other	. 99 39 95 -35 -24 -49 211	74 22 87 -35 38 (P) 183	-9 5 3 0 2 -14 0 14 -28		$\begin{bmatrix} -1 \\ 1 \\ 1 \\ 0 \\ 0 \\ -2 \\ 0 \\ 7 \\ -9 \end{bmatrix}$	$\begin{bmatrix} -2 \\ 1 \\ 1 \\ 0 \\ (^*) \\ -2 \\ 0 \\ -1 \\ -1 \end{bmatrix}$	(*) (*) 0 0 0 0 0	-3 1 1 0 (*) -5 0 (*) -5	1 0 0 -3	-4 0 7	-11 1 (*) (*) -12 (b) (b) -11	-20 -5 -5 0 (*) -15 -2 -16	-21 2 2 0 (*) -23 -23 0 (*)		11 7 (P) (D) -2 4 -11 (P) (D)
Middle East Israel Saudi Arabia United Arab Emirates. Other	51 179 80	$-32 \\ 70$	-99 (P) -114 (P) 3	1 0 1 0 0	-92 (^b) (^p) 1 3	1 0	(P) 1 (*) (P) (*)	5 (*) 0	0 0	(P)	80 (^D) (^D) -4 2	-88 (*) (P) -12 (P)	-9 (b)	96 (P)	171 (b) 164 (b) 9
Other Asia and Pacific. Hong Kong. India. Indonesia. Malaysia. Philippines. Singapore. South Korea. Taiwan. Thailand. Other.	. 127 49 174 . 174 . 89 -72 . 156 . 106 . 24	29 (b) 198 (c) -28 -68 (*) -7 88	465 10 33 -15 (P) (P) 314 32 63 22 -6	2 (*) (*) (*) (*) -52 -2 2 3 -1	5 31 1	-8 4 1 (*) 1 -2 1 1 (*)	(P) (P) 10 (*) (*) 0 47 0 (P) 6	21 3 130 -9 31 15	(*) (*) (*) (*) (*) (*) (*)	-4 (D) 4 -2 (D) (D) (D)	150 137 (*) 6 -2 (^b) -20 (^p) 16 -4 3	-79 -71 (^b) -50	43 1 4 1 4 -3 18 2 -1	-5 (*) -2 0 -5 2 (*) -2 1	57 14 (*) -11 4 (^D) 1 (^D) 1 5 -5
International	1	i		9	(P)	(D)	(P)	11	-50	43	49	-24	30	94	44
THE CALL OF THE CA	100	310	130			(*)	(-)	11		40	1 23				

^{*} Less than \$500,000 (±).

Description Suppressed to avoid disclosure of data of individual companies.

See footnote 1, table 11.

Table 21.—U.S. Direct Investment Abroad: Reinvested Earnings, 1986

<u> </u>					[Millio	ns of dollar	rs]								
						Manuf	acturing						Finance		
	All indus- tries	Petro- leum	Total	Food and kindred products	Chemicals and allied products	Primary and fabri- cated metals	Ma- chinery, except elec- trical	Electric and elec- tronic equip- ment	Trans- portation equip- ment	Other manu- facturing	Whole- sale trade	Banking	(except banking), insur- ance, and real estate	Services	Other indus- tries
All countries	19,709	470	11,158	1,458	2,483	446	3,069	810	490	2,402	2,702	33	4,370	364	611
Developed countries	18,680	1,546	10,253	1,390	2,271	456	3,069	697	124	2,247	2,422	780	2,848	269	561
Canada	2,076	-391	1,465	105	50	179	170	173	562	226	125	35	540	111	192
Europe	14,192	1,316	7,754	1,136	1,892	236	2,539	381	-257	1,827	1,966	689	2,111	127	230
European Communities (12) Belgium Denmark France Germany Greece Ireland Italy Luxembourg Netherlands Portugal Spain United Kingdom	11,644 863 110 1,361 3,476 -156 771 2,166 137 2,744 58 195 -81	1,164 40 -32 93 592 (P) -22 274 (P) 1,254 3 -33 -990	7,404 433 46 1,040 2,275 17 575 1,526 86 904 19 36 446	1,057 32 25 112 111 (*) 108 111 0 239 7 69 243	1,854 220 (P) 302 281 9 203 263 (P) 247 8 80 247	243 18 5 13 148 (*) 14 -6 18 -5 1	2,461 (P) 2 292 2 392 731 0 922 782 -7 238 (P) (P) 226	349 63 97 139 6 39 97 97 97 97 41	-281 (P) 70 475 0 (*) 33 0 -4 (*) (P) -510	1,671 175 6 224 390 3 119 206 105 163 3 71 198	1,257 201 92 198 164 -5 150 (*) 283 14 99 55	356 79 -10 38 236 (P) 2 122 (P) 51 14 98 -132	1,172 95 6 9 116 (*) 219 69 29 214 1 5 410	64 14 6 -16 -29 (*) 2 25 0 17 7 -11 49	226 (*) 2 -1 123 -1 -1 0 21 (*) 1 81
Other Europe Austria Finland Norway Sweden Switzerland Turkey Other	2,548 -7 41 35 105 2,369 11 -5	152 (P) (P) -45 (P) (P) 1 (P)	350 35 (P) 14 77 248 2 (P)	79 (*) 0 (*) (P) (P) 1 0	38 3 -1 5 2 28 (*)	-7 (*) 0 -1 -7 1 0	79 8 (*) 0 (P) (P) 0	32 (P) -1 (P) 4 9 2 0	-26 (P) 0 0 3 0 (*)	156 14 (P) (P) 5 130 (*) (*)	709 -16 34 37 -3 646 (^b)	333 9 2 -1 4 325 -8 2	938 -4 0 (P) (P) 885 0 33	63 2 (*) (P) -4 (P) 3 1	(*)
Japan Australia, New Zealand, and South Africa Australia New Zealand South Africa	2,254 158 70 67 154	617 4 71 (P) (P)	1,133 -99 -161 4 58	52 98 (P) 1 (P)	269 59 44 2 14	8 -9 1 16	(P) (P) (P) (*) 8	126 17 17 1 1 -1	(b) (b) (c) (d) (d) (e)	175 19 3 3 13	339 -8 -67 7 53	13 44 40 (*) 3	99 98 86 8 5	16 16 12 0 4	103 90 (P)
Developing countries		-476	905	68	212	-10	(*).	113	366	155	280	-747 -291	1,522	95 26	99
Latin America. South America. Argentina. Brazil. Chile. Colombia. Ecuador Peru. Venezuela. Other.	320 204 -49 35 47 11 -13 81	239 210 47 -13 7 42 -5 21 113 -2	396 361 125 214 8 16 8 2 -34 22	35 -25 28 -32 3 6 3 -2 -36 5	82 128 9 147 2 -10 1 2 -25 2	31 14 5 -10 -3 3 (*) (*) (19 -1	-20 -33 -70 0 (*) 0 -8 1	-138 -98 4 -107 2 (*) -2 (*) 8 -3	246 122 (P) 37 1 -7 1 0 -20 (P)	190 (P) 110 3 24 4 2 28 (P)	109 -23 2 8 -1 (*) 3 1 -35 (*)	$\begin{array}{c} -325 \\ -4 \\ -297 \\ 5 \\ -6 \\ 4 \\ -10 \\ -12 \end{array}$	1,440 113 14 41 15 7 1 (*) 38 -5	22 17 -1 3 (*) (*) -1 3 (*)	-39 3 -1 -1 -12 -1 -33 5 1
Central America Mexico. Panama Other	$-15 \\ 491$	70 -11 64 18	79 39 18 22	54 34 4 16	-4 -5 (P) (P)	16 4 (P) (P)	$ \begin{array}{c c} -51 \\ -51 \\ 0 \\ 0 \end{array} $	-29 0 (P)	124 124 0 0	-38 1 (⁰)	69 -36 111 -5	113 (P) 92 (P)	189 -13 200 1	$\begin{bmatrix} -9 \\ -19 \\ 8 \\ 2 \end{bmatrix}$	-3 (P) -2 (P)
Other Western Hemisphere Bahamas Bermuda Jamaica Netherlands Antilles Trinidad and Tobago United Kingdom Islands, Caribbean Other	$ \begin{array}{r} -347 \\ 1,607 \\ 21 \\ -359 \end{array} $	-42 -27 30 1 (*) (D) 1 (D)	$\begin{array}{c c} -44 \\ -7 \\ 0 \\ -8 \\ 6 \\ -26 \\ 1 \\ -10 \end{array}$	7 0 0 1 4 (*) 0 1	-42 -7 0 -9 1 (^D) 0 (^D)	0	(*) 0 0 0 0 (*) 0	(P) 0 0 0 0 0 1 (P)	0 0 0 0 0 0	(P) 0 0 1 0 (P) 0 4	62 (P) 41 -7 -3 (P) -5	-79 -282 (P) (*) (P) (*) 188 -5	1,139 -53 1,514 (P) -388 (*) 49 (P)	12 1 12 (b) -1 (*) 1 (p)	(P) (P) (P) (P) (P)
Other Africa Saharan Egypt Libya Other Sub-Saharan Liberia Nigeria Other	-708 -264 -186 -25 -53 -444 -26 72 -491	-655 -269 -186 -27 -56 -386 (⁰) 86	$ \begin{array}{c c} -32 \\ 3 \\ -1 \\ 0 \\ 4 \\ -35 \\ 0 \\ -21 \\ -15 \end{array} $	3 1 0 0 1 1 1 0 0	-23 -2 -2 0 0 -21 0 -18 -3	0 (*) 6 0 -1	(*) (*) (*) 0 0 0 0	4 1 1 0 (*) 3 0 (*)	(P) (*) (*) 0 0 (P) 0 0 (P)	(P) 2 -1 0 3 (P) 0 -1 (P)	-18 4 4 (*) (*) -22 (D) -5 (D)	-9 -14 -13 0 (*) 4 (*) 8 -3	5 -1 -1 0 (*) 6. 6 0 (*)	1 -1	$\begin{bmatrix} -1 \\ -11 \\ 3 \\ 3 \\ -17 \end{bmatrix}$
Middle East Israel Saudi Arabia United Arab Emirates Other	$\begin{array}{c} 92 \\ 210 \\ -1 \end{array}$	70 1 147 (*) -78	-5 29 -42 3 5		1 4 (^D) 1 (^D)	0	3 1 (*) 3 (*)	22 24 -2 0 0	0 0 0 0	5 1 (P) -1 (P)	47 (b) 12 -3 (b)	-233 1 (P) (P) -235	-2 8 -4 (^D)		(P)
Other Asia and Pacific	. 204 72 - 246 - 13 121 233 - 10 45	-130 15 9 -214 (b) -12 -15 (*) -6 85 (b)	545 43 49 4 -26 38 385 9 35 15 -8	(*) (*) 23 -1 -10 5	38 2	-7 4 (*) -1 1 -2 1 1 (*)	-33	225 -1 (°) 5 -20 -3 185 6 33 7 (°)	(D) 0 1 0 0 0 3 (P) -1 2 0 1	(P) 2 (P) -6 -4 7 (*) 9 -12 2 (*)	142 186 (*) -6 (*) 1 -13 -40 16 -7 4	-98 7 -27 -23 53 -121 5 -3 -5	79 60 7 3 4 -1 -6 8 3 2 (*)	9 (*)	(*) -2 (D) 44 -2 -1 4 (D)
International		-600					·								49
Addendum—OPEC 1	. 39	55	-82	-24	-45	-26	-6	9	-19	28	-33	-30	32	35	63

^{*} Less than \$500,000 (±).

Description Suppressed to avoid disclosure of data of individual companies.

See footnote 1, table 11.

Table 22.—U.S. Direct Investment Abroad: Reinvested Earnings, 1987

					[Million	ns of dollar	s]								
						Manuf	acturing					**	Finance		
	All indus- tries	Petro- leum	Total	Food and kindred products	Chemicals and allied products	Primary and fabri- cated metals	Ma- chinery, except elec- trical	Electric and elec- tronic equip- ment	Trans- portation equip- ment	Other manu- facturing	Whole- sale trade	Banking	(except banking), insur- ance, and real estate	Services	Other indus- tries
All countries	35,669	2,933	20,385	1,968	3,632	875	4,477	1,178	3,724	4,531	4,107	26	6,407	874	938
Developed countries	30,240	2,473	17,908	1,701	3,108	728	4,169	963	3,212	4,027	3,583	927	3,650	820	880
Canada	4,848	856	2,484	326	296	300	392	174	433	563	155	82	704	107	459
Europe	21,718	1,311	13,508	1,140	2,300	335	2,984	696	2,870	3,182	2,827	599	2,543	674	255
European Communities (12) Belgium Denmark France Germany Greece Ireland	19,456 1,330 122 1,549 4,530 4 978	1,021 (P) -4 15 216 6 -3	13,087 661 62 1,212 3,593 13 808	1,089 56 33 80 166 (*) 84	2,253 238 -1 160 247 9 288	336 2 7 19 104 0 30	2,945 49 2 453 925 0 164	(P) 57 (P) 2 179 2 49	(P) (P) 0 100 1,475 0 -3	2,908 (P) (B) 399 497 2 196	2,209 275 56 295 245 2 5	253 (P) -5 -65 268 -16 (P)	2,087 183 2 72 87 1 261	557 27 8 6 31 -1 (P) 49	242 6 2 14 90 -1 -1
Italy. Luxembourg. Netherlands. Portugal. Spain. United Kingdom.	1,296 57 1,843 58 920 6,770	-80 (*) -189 (D) -90 1,116	1,149 17 704 69 842 3,957	115 0 90 5 54 406	181 (P) 328 (P) 93 734	19 -4 27 (*) 23 109	558 -8 -1 -1 121 682	39 (P) 41 (P) 11 220	26 0 -1 (b) (p) 812	212 47 219 9 (P) 994	195 1 772 28 93 242	-15 19 7 16 62 -90	49 20 306 2 4 1,100	49 0 211 (^D) 6 298	-50 0 33 (*) 1 148
Other Europe Austria. Finland Norway Sweden. Switzerland Turkey Other.	2,262 42 90 254 73 1,837 -1 -32	290 (P) 162 (P) 86 -6 -1	421 3 (P) 19 46 367 7 (P)	51 1 0 (*) (D) (D) (D) 1	$\begin{array}{c} 47 \\ 1 \\ -1 \\ 6 \\ 3 \\ 37 \\ 2 \\ 0 \end{array}$	-1 (*) 0 (*) -7 4 (*) 1	40 -2 -1 1 (b) (c) 0 (*)	(P) (*) 0 0 -1 (P) 2 0	(P) 0 0 0 3 0 (*) (P)	274 4 (P) 11 3 244 3 (P)	618 5 70 43 20 473 (P) (P)	346 5 -2 (*) -3 357 -13 2	456 -22 0 (°) 21 442 0 (°)	117 8 (*) 6 -4 104 3 1	14 (P) 0 (P) (P) 9 (P) (*)
Japan	2,467 1,207 867 107 232	121 184 162 (^D) (^D)	1,433 482 355 32 94	175 59 52 (*) 7	370 141 118 6 17	40 58 21 2 30	(P) (D) (P) (*) 10	82 11 8 2 (*)	(D) (D) (D) 7 3	155 126 84 16 26	454 147 32 11 103 524	138 109 100 8 1	231 172 140 19 12 2,758	19 20 15 0 5	72 94 63 (P) (P)
Developing countries		626 249	2,478 1,361	267 186	524 274	147 95	309 133	215 —157	512 400	429	165	-872	2,758	36	96
South America	808 9 608 52 116 -20 -62 130 -24 1,038 503	-3 13 37 7 90 -29 (P) -29 (P)	810 -4 548 34 55 5 3 162 7 562 470	129 23 26 7 31 4 -1 32 6	164 -41 162 7 8 -1 5 21 2 2 131 106	63 (*) 59 (P) (P) (*) 1 (P) -1 33 24 (P)	175 (P) 171 0 (*) 0 0 1 (P) -41 -41 -41	-164 (*) -181 2 1 (*) (*) (*) 17 -3 4	151 5 77 (P) (P) 1 0 (P) (*)	298 (P) 234 (*) 6 1 12 44 (P) 134 127	-74 -5 -39 -19 (*) 2 5 -19 1	-48 31 -31 6 (*) (*) -77 -5 -9 -199	95 -16 79 21 (P) (*) (*) 3 (P) 319 -7	39 10 10 6 (*) (*) -1 14 (*)	_16
Panama Other Other Western Hemisphere Bahamas Bermuda Jamaica Netherlands Antilles Trinidad and Tobago United Kingdom Islands, Caribbean Other	-548 1,560 48	143 -6 116 -222 (P) 5 5 (P) (*) 6	32 59	7 42 6 0 0 2 1 1 0 2	(b) (c) (c) -21 -7 (*) -10 1 -5 0 -1	(b) (b) (c) (d) (e) (e) (f) (f) (f) (f) (f)	(*) 0 0 0 0 0 0 (*) 0	3 0 0 0 0 0 0 1 2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 6 3 0 0 1 1 0 (*) 0 2	115 6 104 24 41 (P) -2 1 1 (P)	-202 1 -630 -603 (b) (*) -2 (*) -31 (b)	2,058 53 1,437 -2 472 (*)	5 3 -4 8 -16 (*) 1 1 6 -4	28 (*)
Other Africa Saharan Egypt Libya Other Sub-Saharan Liberia Nigeria Other	$\begin{array}{c} 86 \\ -209 \\ -190 \\ -2 \\ -17 \\ 295 \\ 5 \\ 220 \\ 70 \\ \end{array}$	35 -188 -157 -6 -24 223 3 202 18	68 7 2 0 4 61 0 2 59	32 (P) 2 0 (P) (P) 0 0 (D)	8 (*) (*) 0 0 8 0 3 5	26 (P) 1 0 (P) (P) 0 -1 (P)	(*) (*) (*) 0 0 0 0	(*) (*) 0 0 1 0 0	1 1 0 0 4 0 0	-4 1 -2 0 3 -5 0 (*) -5	-20 6 5 1 (*) -25 (D)	-41 -51 -50 0 -1 10 -1 14 -4	(*)	10 9 8 (*) (*) 1 1 1 (*)	9 4 3 2 13 (P) (*)
Middle East Israel Saudi Arabia United Arab Emirates Other	64 218 28	239 1 207 18 13	29 7 17 1 4	0 0 0 0	22 4 (°) (*) (°)	$\begin{bmatrix} -7 \\ -2 \\ -4 \\ 0 \\ 0 \end{bmatrix}$	1 (*) -1 1 (*)	$\begin{bmatrix} & 3 \\ 4 \\ -1 \\ 0 \\ 0 \end{bmatrix}$	0 0	10 (*) (*) (*) (*)	39 (P) 2 (P) 9	$ \begin{array}{c c} -177 \\ 1 \\ 7 \\ -13 \\ -171 \end{array} $	34 (^D) 1 (^D) (*)	-32 (*) (D)	(P) 17 2 (P)
Other Asia and Pacific. Hong Kong. India Indonesia Malaysia. Philippines Singapore South Korea Taiwan Thailand Other.	. 702 49 67 10 77 487 109 336	103 24 2 44 (P) (P) 6 (*) 1 (P) -34	1,020 108 47 8 17 65 462 32 240 46 4	49 4 (*) 1 1 36 8 3 -4 (*) (*)	220 53 25 7 2 28 (P) 7 51 6 (P)		175 -3 14 (*) 1 0 70 -1 (b) (b) 0	367 13 -8 0 7 6 227 16 78 27 2	(*) 0 0 2 (b) (p) 7 0	69 (P) 8 -1 7 -8 2 17 13 (P) -2	340 331 (*) (P) (P) 3 (*) -10 20 6 -5	188 622 -66-9 -20 14 71 66 (b)	-1 (P) -3 (P) -3 6	38 16 (*) -1 0 4 5 (P) (*) 1	37 5 (P) 4 2
International	-237 630	-166 420	195	37	40			10			_12		40	_22	– 71
Addendum—OPEC 1	630	420	195	31	42	1	1	16	43	55	-12	-9	49	-22	9

^{*} Less than \$500,000 (\pm). Suppressed to avoid disclosure of data of individual companies. 1. See footnote 1, table 11.

Table 23.—U.S. Direct Investment Abroad: Intercompany Debt Outflows, 1985

						Manuf	acturing						Finance		
	All indus- tries	Petro- leum	Total	Food and kindred products	Chemicals and allied products	Primary and fabri- cated metals	Ma- chinery, except elec- trical	Electric and elec- tronic equip- ment	Trans- portation equip- ment	Other manu- facturing	Whole- sale trade	Banking	(except banking), insur- ance, and real estate	Services	Other indus- tries
All countries	1,269	-1,432	-1,298	92	-426	-127	-74	-232	-585	53	-298	-18	4,350	102	-137
Developed countries	-1,628	-313	-688	(D)	150	-108	-21	-115	-478	(D)	-436	-24	~281	-47	160
Canada	-80	158	12	(P)	(^D)	(P)	8	(D)	(^D)	(^D)	~29	15	-156	-21	-59
Europe	-1,343	-416	-690	(D)	-9	(P)	-43	(D)	(D)	64	-221	29	-70	-68	152
European Communities (10) Belgium Denmark France Germany Greece Ireland Italy Luxembourg Netherlands United Kingdom	-741 -161 (P) 321 -905 (P) 21 162 17 -79 -38	-409 -117 (P) 138 -581 (P) (P) (P) (P) 72 189	-637 -8 -12 93 -266 1 82 24 (P) (P)	(°) (°) (°) (°) -24 31 (°) -2 (°) 0 23 30	-78 82 (P) (P) -28 1 93 (P) 1 -165 (P)	(P) 7 (P) (P) -53 0 -2 (P) (P) -10 -9	-40 -38 0 (P) -67 0 -16 -28 -1 (P) 21	-44 (P) 3 3 1 (P) -2 10 -1 10 -34	-523 -29 (*) -10 -139 0 0 (^p) 0 (^p) -345	(P) 3 (P) 22 -9 (P) 11 3 21 -101 108	215 15 7 65 -4 (P) (P) 120 0 17 3	3 (b) 0 3 (*) (p) 0 (p) (p) (p) (p) (p) (p) (p) (p) (p) (p)	11 (P) (P) (P) (P) (S) 53	-82 -25 (*) 3 -14 0 (*) 1 0 -48 -3	159 2 (P) 51 (P) (*) (P) 35 (P)
Other Europe	-602 -31 1 -8 -30 (P) (P) -519 -8 13	-7 -9 (*) 32 (P) (P) -14 -2 (P) (P)	-53 -30 (P) (P) -16 11 -3 (P) (*)	-31 (b) 0 0 (*) (p) (p) (*) 0	69 (*) (P) (P) -7 54 -2 26 (P)	(P) 0 (*) (*) -4 1 (P) (P) 0	-2 (P) 0 (*) -3 (P) -7 1 0	(a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	(P) 0 0 -1 -1 (P) (P) 0 0 (P)	(P) -2 (P) (P) -1 (P) 10 -6 (P) (P)	~436 5 2 (P) (P) -3. (P) -5 (P)	-32 0 (P) 0 (P) 0 (*) 0 (D) 0 0 0 0	-81 (*) 0 (p) 0 2 (p) -78 0 -4	15 2 0 -1 1 1 -1 -9 (^D)	(D)
Japan Australia, New Zealand, and South Africa Australia New Zealand South Africa	-36 -169 -194 35 -11	11 -66 (^b) (^p) -4	-52 42 (P) (P) 4	38 102 83 (*) 19	(P) (P) -47 (P) (P)	-3 -5 -4 (*) -1	(P) (P) (P) -1 1	7 -18 -10 -2 -6	(D) (D) -31 (D) -2	(D) (D) (D) (D)	(D) (D) (D) 16 2	0 -10 (^b) (^c)	(P) -84 (P) -6	53 -12 -12 -1 (*)	55 51 10 -6
Developing countries	2,660	-1,266	-610	(P)	-276	-19	-52	-117	107	(D)	138	6	4,631	149	-388
Latin America	3,847	-235	-277	(b)	-213	-23	-22	(D)	(P)	. 12	(D)	1	4,570	(D)	306
South America Argentina Brazil Chile Colombia Ecuador Peru Venezuela Other	-263 -22 -131 23 (P) -28 -85 -163	2 38 -2 (*) (P) -28 -38 (P) 63	-226 -61 -82 -1 20 -1 -23 -85 7	(P) (P) -12 (*) -3 (*) (*) (*)	(b) (b) (7) -101 (*) 21 -1 -1 -19 0	(P) (P) 1 (P) -2 (P) -1 -24 (*)	$\begin{array}{c c} -20 \\ 19 \\ -38 \\ 0 \\ 0 \\ 0 \\ 0 \\ -1 \\ 0 \end{array}$	(P) (P) 39 (P) (P) (*) (*) -11	(P) -12 -3 (P) (*) 0 (P) -30 (P)	28 -2 32 (*) (P) (P) -5 (P)	-5 (*) -8 3 -19 1 (*) 17 (*)	(P) (O) (O) (O) (O) (O) (O)	-23 15 (b) (*) (*) (P) -1 0 -1 -1	-11 -2 (*) 1 -1 1 (°) -9 (°)	20 -8 (P) (P)
Central America Mexico Panama Other	~206 -23 -44 -138	28 -24 62 -10	(P) 22 -8 (P)	-13 9 (^D)	-46 -46 (P)	(b) (*) (b)	$\begin{bmatrix} -2 \\ -2 \\ 0 \\ 0 \end{bmatrix}$	$ \begin{array}{c c} -23 \\ -21 \\ 0 \\ -2 \end{array} $	(P) (P) (*) 0	(D) (D) (D) -2 6	(b) (b) (b) -29 2	(P) 0 0 (P)	58 -7 66 -1	(b) (b) 1 -1	-267 -14 -136 -118
Other Western Hemisphere	4,315 (P) 191 (P) 4,150 -33 24 11	-265 -33 -160 (P) -44 (P) 2 9	(b) (*) 0 (b) (*) -7 (b) -3	(P) (P) (O) (P) (P) (D) (D) (D) (D)	(b) (b) (c) (d) (d) (d) (d) (e) (e)	(P) 0 0 0 0 0 0 0 0 0 (P)	(*) 0 0 0 0 (*) 0	0 0 0 0 0 0 0 (P)	0 0 0 0 0 0	(P) 0 0 (*) 0 (P) 0 (P)	84 (P) 4 (P) -13 (P) (P) (P)	(D) (D) (D) (D) (D) (P) (*)	4,536 (P) (P) (P) (P) (P) (P) (P) (P) (P) (*)	54 -3 (^D) (*) 0 (^D) 9	(b) (b) (c) (d) (d) (e) (e) (e)
Other Africa Saharan Egypt Libya Other Sub-Saharan Liberia Nigeria Other	-241 250 (P) (P) (P) -491 (P) (P) 58	-237 245 (D) (D) (P) -482 -9 (D) (O)	-3 2 2 0 (*) -5 0 -11 7	-2 0 0 0 0 0 -2 0 (P)	(P) (P) (O) (*) (P) (O) (*) (P)	3 0 0 0 0 3 0 0 3 3	0 0 0 0 0 0 0	-4 (*) (*) 0 0 -4 0 (b)	(P) (P) (P) (P) (P)	(P)	(b) 4 4 0 0 (c) 0 -5 (d)	2 0 0 0 0 0 2 0 0 0 2 0 0 2	(*) (*) (*) (*)	(b) (c) (c) (c) (d)	(a) (a) (*)
Middle East Israel Saudi Arabia United Arab Emirates Other	$ \begin{array}{r} -105 \\ 59 \\ -62 \\ -100 \\ -2 \end{array} $	-281 5 -146 -140 (*)	3 (P) 3 (P) -1	(*) 0 (*) 0 0	(*) (*) (*) (*) (*)	-1 (*) (*) 0 (*)	(p) -1 -1 -2 (p)	$\begin{bmatrix} -2 \\ -2 \\ -1 \\ 0 \\ 0 \end{bmatrix}$	$\begin{array}{c c} -1 \\ 0 \\ 0 \\ 0 \\ -1 \end{array}$	(P) -1 (P) (P) (P)	18 52 (^b) (^p) (*)	0 0 0 (P) (P)	(D) -1 23 (D) 1	-4	(D)
Other Asia and Pacific Hong Kong. India Indonesia Malaysia Philippines Singapore South Korea Taiwan Thailand Other	-841 -45 -1 -231 -54 -87 -240 -88	-514 (P)	-326 -18 2 9 40 -19 -257 -12 -14 -57 (*)	177 (P) 0 0 1 1 14 1 2 (*) (P) (*)	-65 (P) -11 -3 (*) -15 (P) -1 -5 -3 (*)	1 0 (*) (*) (*) (*) (*) (*) (*) (*) (*) (*)	(P) 55 (P) (P) (*) 2 0 (P) (P) 0	(b) 1 (*) 10 36 -15 -193 -9 -9 -19 (P)	(b) 0 1 1 0 0 0 1 1 (b) (c) (c) 0 (d)	-3 (*) (*) (*) (*) 2 -1 (*) (*) (*) (*) (*)	(b) 766 0 -22 (b) (b) (c) 14 2 -2 -2	0 -1 0 (*) 1	3 -3 -24	0 (D) 0 (D) (*) 1 -2	(P) (*) 2 -2 (*) (P) (*)
International	Į.	147	or	/n\	6.4	<i>a</i> n		(D)	90		9.4	,	27	(P)	91
Addendum—OPEC 1	-1,069	-1,087	-87	(D)	-24	(b)	-3	(P)	-30	(D)	-24	-1	1 27	1 (6)	, , , , , , , , , , , , , , , , , , ,

^{*} Less than \$500,000 (±).

Description Suppressed to avoid disclosure of data of individual companies.

See footnote 1, table 11.

Table 24.—U.S. Direct Investment Abroad: Intercompany Debt Outflows, 1986

				[M i											
						Manuf	acturing						Finance (except		
	All indus- tries	Petro- leum	Total	Food and kindred products	Chemicals and allied products	Primary and fabri- cated metals	Ma- chinery, except elec- trical	Electric and elec- tronic equip- ment	Trans- portation equip- ment	Other manu- facturing	Whole- sale trade	Banking	banking), insur- ance, and real estate	Services	Other indus- tries
All countries	7,828	1,953	1,897	26	-2	-8	648	138	1,306	-211	-237	-26	4,672	47	-477
Developed countries	1,805	438	1,664	9	-5	10	528	-23	1,292	-147	-68	-19	-293	231	-148
Canada	841	443	341	(D)	(p)	(D)	-92	5	. (D)	80	-54	-13	65	-10	69
Europe	1,465	441	1,259	-122	-22	(D)	462	-19	(D)	-206	-41	-6	-448	257	4
European Communities (12)	1,002 -558 -94 128 484 (P) -58 -378 -88 -978 -90 (P) (P) (P)	-25 -66 (P) -206 123 (P) (P) -1 (P) -6 (P) 729	1,228 -309 -5 251 213 3 (P) 10 -82 199 (P) -16 1,030	-126 -27 (P) 16 -195 0 (P) 5 0 (P) (*) -1 127	-7 (P) 56 (P) 3 -6 14 10 (P) -3 (P) -94	(P) (P) (*) 4 -11 (*) 2 -3 13 28 (P) (P) (P)	445 (P) (P) (P) 98 0 3 (P) (*) (*) 6 -10 132	-47 (P) 10 -7 (P) (P) 11 -41 (*) (P) -5 12 14	(P) -154 (*) -4 (P) 0 0 1 (P) (P) (P)	-208 (P)	72 (b) -10 (c) 83 8 8 1 50 0 (c) 1 4 -109	3 1 0 0 (*) -6 (b) (b) (c) (c) -1	(P) (V) (*) 21 66 (P) -8 (P) (*) (*) (P) 0 4 -172	242 -2 (*) (D) (P) (P) (P) (P) (P) (P) (P) (P	(P) 11 (P) 16 (P) -6 (P) (P) 0 -8 (P) (P) -4 (P)
Other Europe Austria Finland Norway Sweden Switzerland Turkey Other	463 (P) (P) (504 -38 92 -11 -72	466 -1 (P) 516 -20 1 -2 (P)	32 (P) (*) (P) (P) 25 (*) -24	4 (P) 0 0 (*) 8 (P) 0	-16 (*) (*) (*) (P) 1 -16 (P) (P)	-3 0 (*) (*) -3 (*) 0	16 (P) (*) 0 10 (P) 0	0	(*) (*) (*) (*) (*)	2 -1 (*) 4 -4 27 (P) (P)	-114 (P) (*) (P) (P) (P) -5 (P)	(b) (b) (b) (c) (c) (d) (d)	0 (*) (P) (P) 0 -25	15 -13 0 (*) (P) 27 (P) (P)	(*) -1 (*) (*) (*) (*) (*) (*)
Japan Australia, New Zealand, and South Africa Australia New Zealand South Africa	(P) (P) -13	(P) (P) (P) -34 14	60 4 24 3 -23 232	-20 (P) (P) (*) -7	8 (^D) -20 (*) (^D)	-1 5 4 (*) 1 -18	91 67 (^D) (*) (^P)	_	(P) 8 3 (P) (P)	(b) (b) -10 (b) (*) (*)	-33 61 69 (P) (P)	0 0 (P)	46 44 (*)	(P) (P) (P) 0 (P) -184	
Developing countries Latin America)	374	156	11	1	3	Į.	(D)	99	(D)	(D)	ļ		1	(P)
South America Argentina Brazil Chile Colombia Ecuador Peru Venezuela. Other	263 -18 216 -43 -87 (P) -87 138 (P)	(P) (P) 8 -3 (P) 108 -79 86 35	307 45 182 (P) -5 5 (*) (P) 2	(P) -22 (P) (*) 1 0 (*) -8 0	11 37 -6 (*) (*) (*) (*) (*) (*)	8 (P) 10 (P) (*) (*) (*) (-1) 0	0 0 0 0 1	(*) (*) (*) (*) (*) (*) 10 (*)	(P) (P) (P) (P) (P) 0 0 60 4	-36 (b) -42 (*) (b) (b) (c) (b) (d) (d) (d)	1	(P)	$ \begin{array}{c cccc} -16 & -16 & (P) &$	(P)	(b) (c) (d) (d) (e) (d) (e) (e) (f) (f) (f)
Central America Mexico Panama Other	$ \begin{array}{r} -358 \\ -158 \\ -126 \\ -74 \end{array} $	-119 1 -82 -38	-151 -149 -2 (*)	1 (*)	(P) (P) (P) (P)	(P) -3 (*) (P)	(P)	(b) 0	(D) (D) 0	(P) (P) (P) 3	(D) -3 (D) -6		4 (P)	$-\frac{6}{1}$	16
Other Western Hemisphere	$\begin{array}{c} 41 \\ 412 \\ -32 \end{array}$	(P) 30 582 (P) -3 -166 (P) 4	(P)	(P) (P) (*) (*) (*)	(P)	(b) 0 0 0 (c) 0 0 (c) 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 (*)	0 0 0 0 0 0 (P)	0 0	3 0 0 (*) 0 (*) 0 (P)	-31 -35 (*)		7 0 -44 0 0 1 4,920	-6 -94 (P) 0	$ \begin{array}{c c} -1 \\ -39 \\ -5 \\ (^p) \\ 1 \end{array} $
Other Africa Saharan Egypt Libya Other Sub-Saharan Liberia Nigeria Other	50 52 51 -58 700 -14	(P) 30 33 51 -53 (P) (P) (P) (P)	$ \begin{array}{c c} -36 & 6 \\ 5 & 0 \\ 1 & -42 \\ 0 & -18 \\ -24 & 0 \end{array} $	0 0 0 3 0 (P)	5 0 (*) (*)	-18 (D) (P) (O) (O) (O) (O) (O) (O) (O) (O) (O) (O		(P) (P) (O) (D) (D) (D)	(P) (P) (O)		(P) 18	<u> </u>	(b) (b) (c) (c) (c) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	(B)	-1 (*) (P) (P) (P) (P) (P) (P) -5
Middle East Israel Saudi Arabia United Arab Emirates Other	204 157 47	(P) (D) (P) 50 108	(P)	(P)	(*) (P) (P)	-1 (*) (D) (D)	(P 1		0 0	(a)	-104 -115 3 (P	2 0	(P (P (P)	-10 (P) (P)	$ \begin{vmatrix} -30 \\ -73 \\ (^{\text{P}}) \\ -15 \end{vmatrix} $
Other Asia and Pacific. Hong Kong. India Indonesia. Malaysia. Philippines. Singapore South Korea. Taiwan. Thailand. Other.	133 -10 310 -14 7 31 88 (P)	390 (P) (*) 314 (P) 33 (P) 4 -1 (P) (P)	-3 -3 -1 -72 14 -21 -21	(b) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	$egin{array}{cccccccccccccccccccccccccccccccccccc$	(*) (*) (*) (*)	(P)	38 (P) (P) (P) (P) (P) (P) (P) (P)	0 (*) 0 0 0 -108 (b) 1	(P (P (P (P (P (P (P (P (P	(b) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	(p)	2 120 	(b) (c) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	(*) (*) (*) (*) (*) (*) (*)
International	1	-142	l l												5
Addendum—OPEC 1	1,062	1,158	77	-8	9		2 (p) [60	, (р) -10	6	0 -3	3 (^p) (^D)

^{*} Less than \$500,000 (±).

Description Suppressed to avoid disclosure of data of individual companies.

See footnote 1, table 11.

Table 25.—U.S. Direct Investment Abroad: Intercompany Debt Outflows, 1987

				,		ollars; inflo	,,,,		<u> </u>						
						Manuf	acturing			-			Finance		
	All indus- tries	Petro- leum	Total	Food and kindred products	Chemicals and allied products	Primary and fabri- cated metals	Ma- chinery, except elec- trical	Electric and elec- tronic equip- ment	Trans- portation equip- ment	Other manu- facturing	Whole- sale trade	Banking	(except banking), insur- ance, and real estate	Services	Other indus- tries
All countries	6,315	135	-503	-397	419	-452	206	189	-190	-279	837	11	5,335	882	-382
Developed countries	3,097	383	278	-236	332	-438	221	283	444	-329	645	-6	1,828	71	-102
Canada	1,102	90	-322	(D)	-274	(D)	28	(D)	562	-207	402	(D)	1,084	~41	(D)
Europe	1,209	(P)	505	-140	503	(D)	424	213	-49	(Ф)	51	-13	546	108	(B)
European Communities (12). Belgium Denmark France Germany Greece Ireland Italy Luxembourg Netherlands Portugal Spain United Kingdom	345 (P) 271 -809 (P) 185 -112 597 19 270	-158 (P) (P) (P) (P) (P) (P) (P) (P) 8 36 -266	437 (P) 11 376 -549 1 -63 47 (P) 147 8 220 240	-139 4 (*) -20. (P) (P) 20 -16 0 70 (P) 71 (P)	510 9 (P) 347 4 (*) 12 (P) -11 (P) (P) (P) 78	-284 (P)	413 20 (P) 10 84 0 -21 (P) -1 -3 (P) (P) 315	(P) 20 (P) (P) (*) (*) (*) 114 8 112	(P) 54 0 (P) -240 0 3 (P) 0 -1 1 -2 139 (P)	-290 (*) (P) (P) (P) (P) (P) (P) (P) (P) (P) (P	-254 -127 (P) -99 -191 (P) 29 24 (P) -56 2 (P) 172	-13 -5 (P) -18 (P) 0 0 -2 0 (P) (P) (P) (P) (P) (P) (P) (P)	(P) (P) (P) (P) 57 (P) (P) 1 (P) 0 (P) -41	61 72 -33 -31 -18 (P) (P) 11 0 (P) 2 (P) (P)	(P) -21 (P) 52 29 0 (P) 3 0 (P) (P) (P) (P)
Other Europe Austria. Finland Norway Sweden. Switzerland Turkey Other	-50 2 128 110 271 -4 127	(P) 4 103 56 (P) (P) 48	68 (P) (P) 18 (P) (P) 3 49	-1 (b) 0 0 0 -1 (b) 0	-7 -1 1 (P) (P) (P) 0	(P) (*) (*) (*) (*) (*)	11 (*) (*) (*) (*) -7 0	(P) (*) 0 (*) (P) 0	(P) (P) (P) (P) (P) (O) (*)	(P) (D) (D) (P) (P) 49 (P) 48	305 -2 3 7 33 (P) (P) -1	(P) (P) (P) (P) (P) (P) (P)	(P) (P) 0 0 -3 (P) 0 28	47 18 0 (*) -1 (°) (°) (°)	l .
Japan Australia, New Zealand, and South Africa Australia New Zealand South Africa	452 334 (P) (P) (P) -49	-172 (P) (P) (*) -7	217 -122 -130 1 8	(P) (P) (*) -3	131 -27 -31 (*) 3	74 74 0 (*)	-26 -149 -163 (P) (P)	68 (P) -5 (*) (P)	-69 (P) (P)	(P) 31 (P) (P)	(b) (p) (p) -6 -63	(b) (b) (b) 0	(P) (P) (*) -2	(P) (P) (P) (P)	(P) 51 (P) (P) (P)
Developing countries		(D)	-782	-161	87	-14	~16	-95	-634	51	192	17	3,508	811	(D)
Latin America South America Argentina Brazil Chile Colombia Ecuador Peru Venezuela	$ \begin{array}{r} -316 \\ -72 \\ -48 \\ 9 \\ -105 \\ 43 \\ 22 \end{array} $	-220 -273 (P) -2 -2 -106 8 (P) -89	-475 -116 9 -61 (^D) -43 -1 (*) -24	(P) -34 -5 (P) (P) -1 0 (P) 16	66 40 18 (P) 4 1 (*) (*)	(P) (P) (*) 17 (*) 1 (P) 0 (P)	86 105 (P) 121 0 0 0 -27	(P) -79 (P) (P) (P) (P) (*) (P)	-494 (P) (P) (P) -1 -43 -1 0 (P) (*)	(b) (p) -3 (p) (p) (p) (p) (p) 10	5 (P) -11 (P) -4 7 3 10 -5	(P)	-3 3 (^b) (^b) (^b) (^b)	(P) -2 (P) -11 (P) 0 (P) 5	11 -1
Other	-14 -340 -361 (P)	-14 (P) (P) 20 32	(P) -384 (P) -5 (P)	(*) (b) (b) (c) -4 -31	6 7 (P)	(P)	-19 -19 0 0	(P) (P) (P) (P)	(*) (P) (P) 0	7 (P) (P) (P)	(*) (b) (P) 6 -1	(D) (D) (D) (D)	1 28 (P) (P)	(b) (b) (b) -2 (*)	14 (^p) 4 (^p)
Other Western Hemisphere Bahamas Bermuda Jamaica Netherlands Antilles Trinidad and Tobago United Kingdom Islands, Caribbean Other	(b) (c) (d) (d) (e) (e) (e) (e) (f) (f) (f) (f) (f) (f) (f) (f) (f) (f	(D) -31 (D) (D) (D) (D) (D) (D) (D) (D)	25 -1 0 19 3 (*) (*) (*)	(*) (*) (*) (*) (*) (*)	(P) 0 19 (P) (*) 0	(P) 0 0 0 (P) 0 0 (P)	(*) 0 0 0 0 (*) 0	2 0 0 0 0 0 0 (P)	0	0	68 34 9 (P) 18 (P) 38 -3	(b) (c) (d) (d) (d) (d) (d) (d)	(P) (P) (P) (P) 0 75		(P)
Other Africa Saharan Egypt Libya Other Sub-Saharan Liberia Nigeria Other	58 (P) 227 1 (P)	(P) (P) 52 58 (P) (P) -1 (P) 174	(P) -2 -3 0 1 (P) 0 -3 (P)	(P) (P) (P) (P) (P) (P)	-4 (P) (B) (O) (*) (P) 0 -3 (P)	-30 0 (P) 0 (P) -30 -30 0 -30	0 0 0 0 0 0 0	(*) (P) (P) 0 0 (P) 0 (P) (P)	(P) (P) (O)	(P) -3 0	-16 -21 (b) 0 (b) 5 4 (b) (b)	(P) 0 0 0 0	0 0 0 3 12	(*) 0 1 0 0	(P) (P) -14 5
Middle East Israel	63	(P) (P) (P) (P) -152	(P) (P) -17 -9 -1	0 0 0 0 0	(P) -1 -17 (P) -1	(P) 0 -1 0 (P)	-1 (P) -1 (D) 0	(b) (c) -1 0	0	(P) (D) 3 (P) 0	27 35 (P) (P) (P)	0 (D) (D) (D)	74 (P) -6	501 (P)	-261
Other Asia and Pacific. Hong Kong	201 18 199 6 3 210 37 . 88 . 14	-3 42 (P) (P) (P) (P) (P) (P) (P) (P) (P) (P)	89 (P)	$ \begin{array}{c c} 0 \\ -1 \\ (^{D}) \\ -1 \\ 1 \\ -6 \end{array} $	(b) 5 5 -1 -2 (*) -1 38 (*) (9) (9) (9) (9)	(*) 0 (*) (*) 0 (*) -1 (^b)	-101 (b) (c) (b) 6 (c) -37 -107 0 (c) (b) 0	8 (0)	0 1 0 0 (*) (*)	(*) (*) (*) (*) (*) (*) (*) (*) (*) (*)	67 (b) (*) (b) (p) (p) (p) (p) (p)	(P) 0 (P) 0 -1 4 -5 11	(P) (P) (P) 1 (P) 23 1 0 -1	15 0 (*) 0 1 6 1 0 (*)	(*) (*) (*) (*) (*)
International	96	(p)			ļ										(b)
AddendumOPEC 1	310	-493	53	16	-15	(D)	-22	1	-33	(D)	-3	C	(0)	510	(b)

^{*} Less than \$500,000 (±).

Description Suppressed to avoid disclosure of data of individual companies.

See footnote 1, table 11.

Table 26.—U.S. Direct Investment Abroad: Income, 1985

					[Million	ns of dollar	sj 								
						Manuf	acturing						Finance		
	All indus- tries	Petro- leum	Total	Food and kindred products	Chemicals and allied products	Primary and fabri- cated metals	Ma- chinery, except elec- trical	Electric and elec- tronic equip- ment	Trans- portation equip- ment	Other manu- facturing	Whole- sale trade	Banking	(except banking), insurance, and real estate	Services	Other indus- tries
All countries	33,202	9,306	14,677	1,619	2,320	453	4,738	1,042	2,005	2,501	3,161	2,886	1,464	720	988
Developed countries	26,098	5,977	12,610	1,414	2,043	363	4,454	638	1,582	2,116	2,434	1,429	2,569	512	568
Canada	4,307	1,306	2,135	172	236	101	250	153	880	343	142	12	307	95	310
Europe	19,800	4,044	9,721	1,089	1,723	304	3,683	514	659	1,748	1,996	1,361	2,099	400	179
European Communities (10) Belgium Denmark France Germany Greece Ireland Italy Luxembourg Netherlands United Kingdom	16,317 944 235 1,447 3,401 -20 785 1,025 79 2,197 6,224	3,286 32 40 -12 388 (P) 3 (P) 1,041 1,889	9,163 513 34 1,056 2,438 (*) 501 895 44 854 2,828	1,005 13 30 74 141 (*) 119 70 0 170 388	1,622 208 1 144 227 1 117 (P) (P) 310 573	315 18 3 23 165 0 18 (P) (P) 26 61	3,362 15 (*) 597 1,000 113 575 -7 209 859	503 (P) -6 37 158 (*) 41 108 (P) 28 76	790 (P) 0 677 360 0 (*) (D) 0 -3 317	1,566 172 6 114 388 -2 93 65 63 114 552	984 157 142 211 75 (P) (P) 86 (*) 167 138	957 151 8 92 251 -34 (P) 32 19 398	1,458 65 (*) 59 187 1 (P) (P) 39 754	292 23 7 30 4 1 11: 29 0 63 126	176 2 3 11 58 -1 -1 -2 0 15 91
Other Europe Austria Finland Norway Portugal Spain Sweden Switzerland Turkey Other	3,483 36 85 601 49 312 190 2,119 49 42	759 (P) 3 491 -19 1 (P) (P) (P)	557 26 3 (P) 33 171 135 (P) 3 -34	84 5 0 (*) 6 (P) (P)	100 2 1 7 -3 55 6 35 (*)	-11 (*) 0 -1 -2 -5 -7 4 0 0	320 (P) (*) 0 (P) (P) 7 0	12 4 (*) (D) 16 -32 (*) (D) 1 0	-131 (P) 0 0 (P) -107 7 0 (*) -32	182 8 2 (*) 4 33 12 121 2 (*)	1,012 14 75 76 21 43 29 724 (P)	404 4 4 1 10 71 0 310 2 3	640 (P) 0 (P) (*) 2 (P) 568 0 0 55	107 4 (*) 5 3 22 (*) 69 1 2	4 5 (*) 1 1 1 (*) -6 1 (*) 20
Japan Australia, New Zealand, and South Africa Australia New Zealand South Africa	1,617 373 278 61 35	168 457 (P) 12 (P)	981 -227 -151 13 -88	86 67 15 4 48	123 -40 -7 4 -37	-31 -10 -12 -1 3	(P) (P) (-53 (*) (P)	-33 4 7 -1 -2	(P) (P) -65 2 (P)	84 -59 -37 5 -28	260 36 31 21 -15 727	80 -24 (P) -1 (P) 1,457	82 81 63 11 7 -1,105	7 10 11 1 -1 208	39 39 13 4 22 427
Developing countries		3,065 446	2,067 1,434	205 226	277	89 66	284 186	146	424 242	329	276	1,285	-1,211	54	52
South America Argentina Brazil Chile Colombia Ecuador Peru Venezuela Other	908 115 524 52 164 93 -37 22 -25	269 107 2 7 140 (P) -49 (P) (*)	802 -38 779 12 27 16 -3 8 1	139 48 64 1 6 4 -1 10 6	111 13 111 8 -10 2 -4 -11 2	10 -11 12 (*) 1 1 -2 9 (*) 53 39 15	186 36 151 0 (*) 0 0 2 -2 1	129 -9 134 2 -2 3 (*) 4 -3		184 (°) 144 (°) (°) 5 2 49 1 137 136	65 9 40 1 3 3 4 131	-354 13 -364 18 (P) (P) (*) -4 (*)	75 12 52 (*) 6 1 (*) 8 -3 140	24 9 4 4 3 1 (*) 1 1 1	28 4 9 10 (*) (*) 13 (*) (*) (*)
Mexico Panama Other Western Hemisphere Bahamas Bermuda Jamaica Netherlands Antilles Trinidad and Tobago United Kingdom Islands, Caribbean	$\begin{array}{c} -4\\ 302\\ 1,097\\ 1,415\\ 30\\ -3,220\\ 156 \end{array}$	115 78 -13 115 78 20 3 (P) (P)	575 (P) (P) 5 5 0 -18 -8	71 -1 7 10 (*) 0 1 3 1	113 (P) (P) -18 5 0 -19 1 -9 0	3 0 0 0 0 0 (*)	(*) (*) (*) (*) (*) (*)	17 0 -2 2 0 0 0 0 0 0	0 0 0 0 0 0 0 0	8 0 0 1 0 (*)	80 21 15 (P) (P) 9	187 -5 1,460 845 (P) -1 (P)	126 5 -1,426 130 1,362 -2 -3,132 (*)	28 17 (P) -1 1 (P)	(P) (P) 39 1 -1 (P) 4 -2 2
Other Africa Saharan Egypt Libya Other Sub-Saharan Liberia Nigeria Other	941 554 485 96 - 28 388 - 53 391	875 515 457 87 -29 360 (P) 351	16 6 4 0 2 10 0 20 -10	5 5 1 0 0 1 3 0 1 2	6 1 1 0 0 5 0	(*) 2 1 0 1 -2 0 -1 (*)	(*) (*) (*) 0 0 0	1 -3 1 1 0 (*) -4 0 1 1	0 1 1 1 1 0 0 -1 0 0	8 7 -1 -1 0 (*) 8 0 7	3 11 3 2	(*) (*) (*) 0 (*)	-25 4 3 0 (*) -29 -30 0	1 16 18 (P) (P) (*) -2 1 (*) -3	(P) 48 8 (P) (P) -2 40 -12 (P) (P)
Middle East Israel Saudi Arabia United Arab Emirates Other	58 269 150	78 (*) -3 126 -46	-61 (^(b)) -78 (^(b)) 4	1 0 1 0 0	(D) (D)	10 (P) (P) 0 (*)	(P) 1 (*) (P) (*)	5 5 (*) 0 0	0 0	(2)	89 (P) (P) -4 6	(*) (P) 1	(D)	117 11 106 (P) (P)	182 (P) 175 (P) 9
Other Asia and Pacific Hong Kong India Indonesia Malaysia. Philippines Singapore South Korea Taiwan. Thailand.	. 515 64 1,385 332 116 . 397 170 90 140 - 46	(P) -4 -39 (*) -5 99 -59	(P) 335 68 86 27	-26 2 (*) 1 (*) -44 -2 11 6 (*) (*)	(P) 8 34	1 -2 1 1 (*)	(P) (P) 111 (*) (*) 0 50 (P) 6	138 138 138 138	(*) 0 0 0 (P) (P) (P) (P)	16 5 -4 (b) 6 -1 (b) (c)	8 22 (P) 19 (P) 27	215 40 (P) 3 14 33 77 (P) -22 1	48 2 4 1 1 4 1 27 27	20 13 (*) -1 0 -4 3 1 (*) 2 6	70 (*) 5 5 (P) 1 (P) 3 5 -3
International	Ī		I	177	(P)	(D)	(D)	12	-50	65	66	15	44	112	7 241
Addendum—OPEC 1	2,463	2,021	-36	17	(1)	(2)	(3)	12	-50	65	66	15	44	112	241

^{*} Less than \$500,000 (±).

Description Suppressed to avoid disclosure of data of individual companies.

See footnote I, table 11.

Table 27.—U.S. Direct Investment Abroad: Income, 1986

					[Million	s of dollar	s] 								
	All	Petro-		Food	Chemi-	Primary	Ma-	Electric and	Trans-	Other	Whole-	Banking	Finance (except banking), insur-	Services	Other indus-
	indus- tries	leum	Total	and kindred products	cals and allied products	and fabri- cated metals	chinery, except elec- trical	elec- tronic equip- ment	portation equip- ment	manu- facturing	trade	Danking	ance, and real estate	Del vices	tries
All countries	38,417	8,065	17,911	2,091	3,896	724	5,096	1,371	1,347	3,385	4,493	2,495	3,657	705	1,093
Developed countries		6,226	15,589	1,870	3,391	632	4,863	967	921	2,945	3,733	1,521	3,695	504	876
CanadaEurope	5,086	841	2,738	224	519	216 358	282	186 576	835 257	475 2,235	204 2,943	1,338	715 2,721	138 316	415 273
European Communities (12)	22,781 18,992	4,232 3,618	10,956 10,448	1,372 1,272	2,443 2,386	364	3,715 3,583	527	286	2,029	1,835	952	1,664	210	265
Belgium Denmark	1,383 277	201 6	597 55	44 32	313 (P)	19 5	(b) 2	73 (P) 27	(P)	182	270 212	-10	94	19 6	(*) 2
France Germany	2,062 4,723 -119	128 831 (P)	1,515 3,028 18	122 156	378 376 9	24 195 (*)	618 1,035	196 6	72 514 0	273 557 3	300 232 13	87 298 (P)	29 207	$-1 \\ -12 \\ (2)$	138 -1
Greece	840 2,613	-18 280	613 1,854	(*) 117 144	211 311	14 36	102 981	39 109	(*) 37	131 236	180	12 155	228 108	(*) 3 34	$-\hat{1}_{2}$
Luxembourg Netherlands	148 3,179	-18 280 (b) 1,534	96 1.022	0 258	(P) 279	$-6 \\ 34$	_7	(D) 48	0 -3	111 172	369	(P) 55	30 115	0 65 8	20
Portugal Spain United Kingdom	82 439 3,365	$^{3}_{-32}$ 699	32 265 1,351	9 89 302	8 100 407	-5 8 40	238 (P) (P) 382	(P) (P) 72	(*) (P) -127	3 79 276	24 105 129	14 102 154	1 5 839	$-10 \\ 98$	(*) 3 95
Other Europe	3,789	614	509	100	57	-6 (*)	132	49 (P)	-29 (P)	206 15	1,108 60	386	1,058 -4	106	8 (P)
Austria Finland Norway	142 94 419	(P) 310	41 (P) 16	0 (*)	(*) 5	0. -1	(*)	(*) (P)	0	(D)	77 63	$\begin{array}{c c} 12 \\ 2 \\ -1 \end{array}$	(b)	(*) (P)	(*) 9
SwedenSwitzerland	190 2,875	(P) (P)	140 331	(P)	3 45	$-rac{6}{1}$	(P) (B) 0	23	3	10 169	877	364 364	981	-4 (^D)	(*) -7
Turkey Other	40 28	16 (P)	6 (P)	$\begin{bmatrix} 1 \\ 0 \end{bmatrix}$	(*) 1	0	0	0	(*) (P)	(*)	(P) (P)	2 3	0 55	2	(P) (*)
Japan	3,345	757	1,862	147	335	35	(D)	178	(D)	185	451	104	106	24	41
Australia	932 538 69	396 279	32 -75	128 (P)	93 70 2	(*)	(P) (P)	27 26 1	(P) (P) (*)	50 22 8	134 26 28	44 41 (*)	152 135	26 19 (*)	147 112
New Zealand South Africa	326	(D)	14 94	(P)	21	21	11	(*)	(P)	20	81	3	8	6	(D)
Developing countries	6,685	2,228	2,322	221	506	93	233	404	426	440 377	760	974	-38 -164	201 86	239 48
Latin America	3,403 1,662	627 381	1,520 1,238	161 86	327 232	71 29	174 214	106 143	304 173	361	260 47	1,025 -204	183	38	-21
Argentina Brazil	1,662 367 803	94 -1	206 893	33 43 3	22 209	6 -5	26 195	130	(P) 84	(^D) 236	14 27	-210	23 92	18	$-\frac{4}{0}$
Chile	94 153 79	8 77 57	23 65 10	20	$\begin{bmatrix} & 7 \\ 6 \\ 1 \end{bmatrix}$	2 5 1	(*) 0	(*) -1	$\begin{bmatrix} & 3 \\ -7 \\ 1 \end{bmatrix}$	$\begin{array}{c} 6\\41\\5\end{array}$	16 7 4	16 -5 6	23 9 2	4 3 1	$\begin{bmatrix} 3\\ -2\\ -1 \end{bmatrix}$
Ecuador Peru Venezuela	-3 152 17	21 124	5 11	$-rac{2}{2} \\ -22 \\ 7$	3 -17	(*) 20	0 -7	(*) 10	-20	3	-28 3	-1 -8	(*) 39	$-\frac{1}{7}$	$-32 \\ 6$
Other	1	1	24	ļ	2	(*)	1	-3 (^D)	(D)	(P) (D)		-8 202	-5 362	1 7	1
Central America Mexico Panama	1,097 214 820	108 -11 84	306 207 67	68 45 5	118 83 (P) (P)	41 8 (b) (b)	$ \begin{array}{r} -40 \\ -40 \\ 0 \end{array} $	-26 0	132 132 0	4	104 -13 121	(P) 181	5 355	-3 8	(P) 4
Other Western Hemisphere	62 644	34 138	32 -23	18	—23	(^D)	(*)	(D)	0	(D)	109	(P) 1,027	_709	3 41	(P) 62
BahamasBermuda	635 2,026	-26 88	7	0	7	0	0	0	0	0	(P) 45 22 -2 (P)	(P) (*)	30 1,833	35 (P)	62 (P) (P)
Jamaica Netherlands Antilles Trinidad and Tobago	-2,719 44	(*) (*) (*)	$ \begin{array}{r r} -6 \\ 6 \\ -25 \end{array} $	2 4 (*)	-8 1 (P)	(*) 0	0 0 (*)	0	0 0	1 0 (P)	-2 -2	(*)	-2,752	-1 1	(P) (P) -2
United Kingdom Islands, Caribbean Other	561 44	1 (P)	$\begin{bmatrix} -25 \\ 1 \\ -6 \end{bmatrix}$	0 1	(P)	0 1	0	1 (P)	0	Ó 6	5 10	391 (*)	161 (P)	3 (P)	(*) 7
Other AfricaSaharan	290 10	213 -7	$-14 \\ 6$	5 1	$-20 \\ -1$	8 2	(2)	5 2	(P)	(^D)	10 5	7 -11	2	11 11	60 5
EgyptLibya	10 80 -24 -45 279 -25 432	-7 70 -27 -49 220 (^D) 442 (^D)	1 0	0	$-\frac{1}{0}$	1 0		5 2 2 0	(*)	-1	4	-11 0	(*)	11 -1	3
OtherSub-SaharanLiberia	-45 279 -25	220 (P)	-2000	1 4	-190	6 6	0 0	(*) 3 0	(P) 0	0 3 (P) 0	(*) 4 (0)	(*) 19 1	(*) 2 1	-1 (*) (*) 1	-1 55 6
Nigeria Other	$\begin{array}{r} -28 \\ 432 \\ -128 \end{array}$	442 (D)	-20 (*)	0 4	$-17 \\ -2$	-ĭ	ŏ	(*) 4	(^D)	-1 (D)	-3 (P)	10 8	0	-1	3 46
Middle EastIsrael	562 96	513 1	48 31	9	3 5	(*)	3	23 25	0	10	58 (D)	-196	20 8	67 23	53 (D)
Saudi Arabia United Arab Emirates Other	313 79 74	182 71 258	8 3 6	9 0	(P) 2 (P)	0 0	(*) 3 (*)	$\begin{bmatrix} -2 \\ 0 \\ 0 \end{bmatrix}$	0	1 (P) -1 (P)	16 -2 (P)	(P) (P) -204	-4 (P) (P)	23 50 -2 -4	(P) 1 (P)
Other Asia and Pacific	2,431	876	767	46	195	14	55 40	270	(P) 0	(D)	432 308	138 -13	103	37	78
Hong KongIndiaIndonesia	578 88 564	60 9 546	135 59 11	(*)	44 29 11	8 4 (*)	11	(P) 5	1 0	36 (P) -6	(*)	13 -13	7 3	20 (*) -1	(*) 15
MalaysiaPhilippines	155 203 479	(P) -5 41 (*) -6	$-10 \\ 66$	(*) 29	2 22 (^(b))	-1	(*)	-8 1	0 3	-3 9	18 7	-6 86	4 -1	$\begin{bmatrix} 0 \\ -2 \end{bmatrix}$	(*) 15 (P) 51
Singapore	. 109	(*)	403 32	-1 5	(b) 7	-2 1	35 -1	199 10	(D) -1	10	29 10	5 42 18 -2	-3 19	9	$-\frac{2}{1}$
Taiwan Thailand Other	110 146 -2	104 (P)	58 19 -6	7 2 (*)	42 3 (D)	(*) 0	$-31 \\ 2 \\ 0$	38 10 (P)	0 1	-2 3 (*)	36 17 7	$\begin{bmatrix} -18 \\ -2 \\ 7 \end{bmatrix}$	4 2 1	2 6	4 (P)
International	-412	-390		ļ	ļ	ļ	ļ	<u> </u>			ļ	ļ			-22
Addendum—OPEC 1	1,572	1,359	24	-8	30	21	_5	11	-19	53	-10	1	56	49	94
* Less than \$500,000 (+)															

^{*} Less than \$500,000 (\pm). Description of Suppressed to avoid disclosure of data of individual companies. 1. See footnote 1, table 11.

Table 28.—U.S. Direct Investment Abroad: Income, 1987

					[Million	s of dollar	s]								
						Manuf	acturing						Finance		
	All indus- tries	Petro- leum	Total	Food and kindred products	Chemicals and allied products	Primary and fabri- cated metals	Ma- chinery, except elec- trical	Electric and elec- tronic equip- ment	Trans- portation equip- ment	Other manu- facturing	Whole- sale trade	Banking	(except banking), insur- ance, and real estate	Services	Other indus- tries
All countries	52,308	8,130	27,041	2,784	5,369	1,170	6,542	1,573	3,979	5,624	6,633	2,152	5,640	1,231	1,480
Developed countries	43,342	5,541	23,351	2,328	4,581	979	6,045	1,182	3,334	4,902	5,701	1,770	4,704	1,088	1,187
Canada	7,022	1,450	3,539	433	810	345	410	215	517	809	376	83	837	141	596
Europe	30,860	3,204	17,217	1,587	3,175	527	4,461	818	2,890	3,759	4,370	1,389	3,408	. 894,	377
European Communities (12) Belgium Denmark France Germany Greece Ireland Italy Luxembourg Netherlands Portugal Spain United Kingdom	1,697 247 2,590 5,715 36 1,199 2,010	2,675 (P) 1 48 461 7 -1 -78 1 588 (P) 25 1,587	16,601 827 75 1,950 4,123 16 895 1,729 106 1,069 75 1,060 4,677	1,509 65 44 125 230 (*) 125 180 0 154 7 80	3,100 375 (*) 454 383 10 309 259 (P) 356 (P) 130 842	527 13 7 30 184 0 33 20 -4 47 (*) 24 172	4,335 49 2 771 961 0 171 931 -8 233 250 975	(P) 60 (P) 14 185 2 50 47 (P) 50 (P) 15 296	(P) (P) 0 116 1,490 0 -3 27 0 (*) (P) (P) 790	3,484 (P) (P) 440 690 4 210 265 132 228 11 (P)	3,060 340 161 456 395 4 10 223 (*) 830 49 143 449	956 (P) -2 11 379 10 (P) 5 19 11 19 64 228	2,666 181 2 91 171 2 276 98 21 230 2 7 1,584	766 36 8 14 43 -1 (P) 56 0 238 (P) 7	361 6 2 20 143 -1 -1 -23 0 45 (*) 4 165
Other Europe Austria Finland Norway Sweden Switzerland Turkey Other	· ·	529 (P) (P) 340 (P) 104 7 (*)	616 15 (P) 21 144 447 9 (P)	78 5 0 (*) (P) (P) 1	75 3 (*) 6 6 58 2 0	(*) (*) 0 (*) -6 5 (*)	126 -2 -1 1 (P) (P) 0 (*)	(P) (*) 0 0 -1 (P) 2	(P) 0 0 0 3 0 (*)	324 9 (P) 13 7 282 4 (P)	1,310 42 120 82 30 1,019 (^D)	433 10 -2 (*) -3 421 4 3	743 -5 0 (P) 24 708 0 (P)	128 8 (*) 8 -4 113 3	17 (P) 0 (P) (P) (P) (*)
Japan		412 474 376 (P) (P)	1,971 624 437 41 146	80 67 (*) 13	423 172 137 6 30	42 66 28 2 36	(P) (P) (P) 1 22	134 16 13 2 1	(P) (P) (P) 9 4	164 170 108 20 41	728 227 85 26 116	190 109 100 8 1	242 217 180 20 18	25 28 21 (*) 6	75 139 86 (P) (P)
Developing countries		2,644 488	3,690 2,208	456 319	789 465	190 133	497 276	391 -50	646 468	722 597	933 368	382	936 614	143 91	301 100
South America Argentina Brazil Chile Colombia Ecuador Peru Venezuela Other	1,903 237 1,179 120 194 19 -53 221 -13	163 95 48 8 114 4 (P) -17 (P)	1,448 59 1,013 47 99 8 6 206 10	214 31 83 8 8 39 4 (*) 40 9	273 -31 218 10 27 (*) 5 42 2	77 (*) 64 (P) (P) 1 1 (P) (*)	309 (P) 269 0 (*) 0 0 1 (P)	-61 (*) -80 2 1 1 (*) 18 -3	214 77 134 (e) (b) 1 0 (b) (c)	421 (P) 324 4 19 2 -1 57 (P)	17 9 -21 12 6 4 9 -5 4 178	29 32 -9 21 1 1 -6 -1 -8	203 23 131 25 (P) (*) (*) 15 (P)	53 11 14 6 2 1 -1 18 1	-9 8 3 1 (b) 1 (P) 5 (b)
Mexico	76 2,028 96 -2,165 54	(*) 165 11 149 -22 (P) 6 5 (P) 1	74 72 78 79 79 79 79 79 79 79 79 79 79 79 79 79	48 8 43 6 0 0 3 1 1	144 (P) (P) -8 3 (*) -9 1 -4 0	30 (P) (P) -1 0 0 0 (*) 0	-33 0 0 (*) 0 0 0 0 0 (*) 0 0	3 0 0 0 0 0 0	0 0 0 0 0 0 0	158 1 10 7 0 0 1 0 (*)	27 145 7 173 25 44 (°) -1 2 5	71 -101 2 71 -53 (°) 1 -1 (*) 112	12 116 1,880 -2	12 3 6 3 26 8 7 1 1 2 1 8	17
Other	48 763 175 186 -1 -10 588	596 177 201 -6 -18 419 3 244 172	86 14 8 0 6 72 0 4 68	36 (P) 4 0 (P) (P) 0 0	11 1 1 0 0 10 0 4 6	28 (b) 1 0 (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	(*) (*) (*) (*) 0 0 0	1 2 4 3 3 0 0 0 1 0 0 1 1	5 1 1 0 0 4 4 0 0	3 2 -2 0 4 1 0 (*)	13 7 5 1 (*) 6 (b) 3 (P)	(a) -18 -43 -42 0 -1 24 (*) 15 9	1 11 (*) 0 (*) 10 9	11 9 9 (*) (*) 1 1	65 10 4 4 2 54 (^b)
Middle East Israel Saudi Arabia United Arab Emirates Other	72 270 138	361 1 223 112 25	46 8 32 1 4	0 0	35 6 (P) 1 (P)	$\begin{array}{c} -5 \\ -2 \\ -3 \\ 0 \\ 0 \end{array}$	(*) -1 1 (*)	4 4 -1 0 0	0	(*)	53 (P) 5 (P) 19	-117 1 7 -4 -120	(P)	-16 (P) -25 (*) (P)	. (D)
Other Asia and Pacific. Hong Kong	1,064 71 975 228 194 734 176 399 173	1,199 56 2 871 (P) (P) 333 (*) 1 (P) (P) 27	51 -2	2 1 65 8 12 8 1	278 74 30 12 5 41 (P) 9 56 7	35 (P) 8 1 (*) 1 1 -1 (P) (P) (*)	220 25 15 (*) 1 0 84 -1 (b) (c)	434 21 -8 0 8 12 252 31 86 29 2	(*) 0 0 0 2 (D) (D) 9 0	(^b) 9 -1 8 (*) 4 18 21	498 381 (*) (b) (b) 10 37 4 31 17 -3	515 195 14 4 2 25 89 86 79 (P)	209 (*) (b) (*) (*) (P) -2 16 6	$\frac{1}{2}$	9 (*) 53 3 42 5 (P) 6 2 (P)
International Addendum—OPEC 1	63 1,896	-55 1,453	1	46	82	4	1	18	44	71	18	19	71	-7	-8 76
			1 -30	1							1 , "			ــــــــــــــــــــــــــــــــــــــ	

^{*} Less than \$500,000 (\pm). ^ Suppressed to avoid disclosure of data of individual companies. 1. See footnote 1, table 11.

Table 29.—U.S. Direct Investment Abroad: Country Detail for Selected Items

					illions of c	- I										
Line				vestment						flows (-		1000	1004	Income	1000	100
		1983	1984	1985	1986	1987	1983	1984	1985	1986	1987	1983	1984	1985	1986	1987
1	All countries	207,203	211,480	230,250	259,562	308,793	373	2,821	18,068	27,811	44,455	20,499	21,217	33,202	38,417	52,308
2	Developed countries	155,736	157,123	172,058	194,691	233,315	2,135	1,101	13,669	19,803	34,109	13,803	13,436	26,098	32,144	43,342
3	Canada	44,339	46,730	46,909	49,994	56,879	604	2,259	-705	2,644	6,358	4,909	4,910	4,307	5,086	7,022
4	Europe	92,178	91,589	105,171	122,165	148,954	525	47	13,622	15,376	23,724	7,207	7,399	19,800	22,781	30,860
. 5	European Communities (10)	70,210	69,500	81,380	98,472	122,247	-722	-65	11,849	12,825	20,869	5,354	5,010	16,317	18,992	27,084
$\frac{6}{7}$	Belgium Denmark	4,438 1,136	4,584 1,144	5,038 1,281	5,229 1,113	7,078 1,114	-489 11	142 7	485 149	$ \begin{array}{c} 144 \\ -157 \end{array} $	1,637 -153	128 89	251 123	944 235	1,383 277	1,697 247
8 9	France	6,614 15,319	6,406 14,823	7,643 16,764	8,857 20,846	11,478 24,450	$-609 \\ -182$	$-404 \\ -520$	1,504 1,920	1,263 3,357	2,049 3,333	$-140 \\ 617$	357 272	1,447 3,401	2,062 4,723	2,590 5,715
10 11	Greece Ireland	327 2,460	265 2,869	210 3,693	172 4,395	215 5,484	$-68 \\ 390$	$-73 \\ 394$	$-36 \\ 721$	-4 699	983	24 492	-15 514	$-20 \\ 785$	$-119 \\ 840$	36 1,199
12 13	Italy Luxembourg	4,461 1,206	4,594 424	5,906 690	6,935 726	8,449 723	239 110	138 40	985 48	419 41	1,357 -19	326 95	348 59	1,025 79	2,613 148	2,010 147
14 15	Netherlands United Kingdom	6,613 27,637	5,839 28,553	7,129 33,024	11,618 35,692	14,164 44,673	$-250 \\ 126$	$-679 \\ 891$	1,241 4,831	4,410 2,252	2,439 7,950	1,107 2,615	696 2,405	2,197 6,224	3,179 3,365	3,010 9,030
				ĺ	23,693		i i		ĺ	'	ì		2,389	3,483	3,789	3,776
16 17	Other Europe	21,968 545	22,089 530	23,791 493	386	26,707 387	1,247 -23	112 -15	1,773 -16	2,550 103	2,855 -55 92	1,853	18	36 85	142	128
19	Finland Norway	197 3,094	$^{191}_{2,841}$	258 3,215	292 3,626	$\frac{387}{4,142}$	20 142	$-7 \\ -253$	71 376	27 403	428	39 689	38 760	601	94 419	157 474
$\frac{20}{21}$	Portugal Spain	219 2,287	$\frac{205}{2,139}$	237 2,281	278 2,612	381 4,037	$-71 \\ -45$	$^{-22}_{-146}$	15 197	32 370	87 1,186	$-34 \\ -279$	-7 32	312	82 439	94 1,310
$\frac{22}{23}$	Sweden	894 14,099	$844 \\ 14,725$	933	1,002 17,842	1,188 19,973	$-160 \\ 1,423$	-42 580 101	71 1,049	2,235	180 2,130	1,331 26	102 1,394	190 2,119	190 2,875	183 2,821
18 19 20 21 22 23 24 25	TurkeyOther	121 512	228 385	15,766 234 375	242 302	241 390	-25 -14	101 -84	6 3	-79	-8 88	26 48	52	49 42	40 28 5	32 -20
26 27 28 29	Cyprus Greenland	21	17	16	13 -39	9	(*) 0	~4 0	-1	4	_4	10	9	12	5 (P)	5
28	Hungary Iceland	0	0	0	(P)	(D) (D) 8	0	0	0	-36 (P) (*)	(D) (D) (*)	0 0 2	0 2	0	1	(D)
30 31	Liechtenstein		327 (P)	350 (P)	339 (P)	408 (P)	-9°	7 (P)	37	-11 (P)	68 (P)	36	20	61	62	1 2
32 33	Romania	(e)	(D) (D)	(D) (D)	5 (A)	1	(P) (D)	(D) (D)	(D) (D) (D)	(9)	-5 (P)	-1 -2 -2	-33	(*) 3 -35	(P)	-6 (P)
34	Yugoslavia	1	` ` `		1	(D)				1	2,639	l	729	1,617	3,345	3,642
	Japan	1	7,936	9,235	11,332	14,270	1,257	-361	1,160	1,982 -198	1.388	1,105	398	373	932	1.818
35 36	Australia, New Zealand, and South Africa Australia	9,005	10,868 8,918	10,743 8,772	11,200 9,120	13,212 10,988	-252 17	-844 -237	-408 -271	-180	1,157	464	748	278	538 69	1,285
37 38	New Zealand South Africa	566 1,987	510 1,440	576 1,394	513 1,567	635 1,590	$-52 \\ -217$	-60 -548	-180	$\begin{bmatrix} -64 \\ 45 \end{bmatrix}$	109 122	30 88	-367	61 35	326	398
39	Developing countries	45,746	49,153	52,764	60,270	71,174	-1,943	2,382	4,226	8,804	10,507	5,689	7,223	6,845	6,685	9,029
40	Latin America	24,133	24,627	28,261	34,790	42,337	-3,692	-171	4,083	7,360	7,166	1,034	1,495	2,338	3,403	3,870
41 42	South America Argentina	18,748 2,702	18,714 2,753	17,623 2,705	18,644 2,919	19,312 2,854	$-1,149 \\ -164$	103 104	-1,057 10	880 210	474 86	201 347	1,198 60	908 115	1,662 367	1,903 237
43	Brazil	9,068	9,237 47	8,893 88	9,187 224	9,955	-150 -231	239 -68	-251 43	113 75	669 -7	134 45	544 33	524 52	803 94	1,179
44 45 46	Chile Colombia	2,123	2,111	2,148	2,033	224	364	-11 -75	-466	-52	-12 29	148 47	201 81	164 93	153 79	194
47	Ecuador Peru		371 1,902	361 1,243	468 1,131	497 1,102	48	143	-11 -218	-126 -104	-40	120	113	-37	_3	-53 221
48 49	Venezuela Other	1,711	1,761 534	1,588 597	2,139 543	2,124 519	$-982 \\ -41$	78 -21	-218 53 39	531 ~18	-54 -25	-669 30	153 14 19	22 -25	152 17 (*)	-13 -12
50 51	Bolivia	160 (P)	168 (^D)	216 (P) 2	159 (^D)	128 (^D)	13 (P) 2	8 (P)	(D)	-21 (P)	-25 -31 (P)	27 5	2	-4 (^D)	1 3	-12
52 53	Guyana Paraguay Parag	.] 35	3 26	29 (P)	21	4 14	-22 (D)	$-4 \\ -10$	-1	(*) -8	-7 (B)	-13	(*) -8 9	$-1 \\ -2$	(*) -8	-18
54 55	Surinam Uruguay		(P) 88	96	(P) 117	(^D) 125	-14	(D) 12	(D) 6	(D) 21	9	(*)	-8	(P) (*)	21	5
56	Central America	. 9,904	9,853	9,658	9,571	10,430	-345	_75	69	207	789	508	739	1,128	1,097	1,511
57 58	MexicoPanama	. 4,381 . 4,837	4,597 4,474	5,088 3,959	4,750 4,293	4,997 4,780	-704 460	190 -373	436 -140	$-134 \\ 394$	241 446 101	-290 782	347 350 41	1,128 642 490	214 820	697 681
59 60	Other	686	782 -35	611	528 (D)	654	$-102 \\ -49$	108 11	-227 -21	-53 (D)	(D)	16 (P)	(*)	-4 -1	62 -2	134
61 62	Costa Rica El Salvador	. 166	158 94	113 73	113 (P)	141 51	24 5	_9	-46 -15	-1 (P)	28	16 15	12	-8	(*)	25 10 5
62 63 64	Guatemala Honduras	. 214	240	213 171	161 167	159 203 93	-19 -31	-6 37 72 3	-27 -111	-52 -4	$-1 \\ 12$	15 33 (P)	20 6	$-10 \\ 13$	20 21 11	50
64 65	Nicaragua		288 39	39	51	93	-31	3	-6	12	43	4	6	-2	ì	
66 67	Other Western Hemisphere Bahamas	-4,519 $3,762$	$-3,941 \\ 3,331$	980 3,795	6,575 2,762	12,594 2,566	-2,197 635	-199 -131	5,071 61	6,274 $-1,027$	5,903 199	325 1,124	-442 617	302 1,097	635	456 76
68 69	Bermuda	11,056	13,019 257	13,116 122	2,762 14,765 107	18,229	635 -24 -72	1,068 -53	599 116	1,742	3,462	1,211	1,265 29	1,415 30	1 53	1 96
70 71	Netherlands Antilles Trinidad and Tobago	-22.956	-24,664 667	-20,499 484	-15,817 368	-13,208 356	2 105	1 000	4.092	5,302	-16 2,587 -16	-3,199 75	-3,322	$-3,220 \\ 156$	-2,719	-2,165 54
72	United Kingdom Islands, CaribbeanOther	. 1,960	2,992 458	3,490 472	3,771 620	3,970 592	536	1,042 -21	543	284 106	180	1.029	872	774	561 44	318
67 68 69 70 71 72 73 74 75 76 77 78 80	Antigua and Barbuda	. 1 4	47	(D)	212	(P) 217	-69 536 -77 1 3 (P)	(*) -11	-172 543 64 (P) 49 (P) (*) 11 -2 (*) 3	(2)	-96 (P) -10	1 9	1 7	1	1	1 :
76	Barbados Cuba	. (P)	(P) (*)	81 (P) (*)	(D)	9	(p)	(P) (*)	(b)	(P) 94 (P) (*) -11 3 (*) 3 (P) -1	(P)	(P) 0	(D)	18 (P) (*) 22 (*)	3	
78	Dominica Republic Dominican Republic	258	239 11	212	199	1 155 26	32	1 10		-11	-106	31	17	22	(*) 10 3 0 6	(*
79 80	French Islands, Caribbean	(*)	(*)	(*)	12 (*)	26	32 (*) 0	-10 -2 (*) 5 (^p)	(*)	(,)	14 1 6	(*)	(*)	0	9	
81 82 83	HaitiSt. Lucia	(P)	(*) 22 (P) 1	(*) 26 (°)	(*) 29 (b) (*)	1 34 (°) 2 1	-2 (P) 0	(D)	(D)	(P)	(P) 2	(P) 0	(P)	(D)	(*)	4
83 84	St. Vincent St. Christopher and Nevis		1 0	1 0	(*)	$\begin{vmatrix} 2\\1 \end{vmatrix}$	0	1	1 0	$\begin{vmatrix} -1 \\ 0 \end{vmatrix}$	2	0	(*)	(*)	(*)	(*)
	See footnotes at and of table	1	1	1	1	1 -	1	1	1	1	1	1	1	1	i ·	I

See footnotes at end of table.

Table 29.—U.S. Direct Investment Abroad: Country Detail for Selected Items—Continued

	[Millions of dollars] Direct investment position Capital outflows (inflows ()) Income															
Line		1000				1007		 -		7		1000	1004	Income	1006	1097
85 86 87 88 89 90 91 92 93 94 95 96	Other Africa Saharan Egypt Libya. Other Algeria. Morocco Tunisia Sub-Saharan Liberia. Nigeria. Nigeria. Other Angola.	1983 4,123 1,853 1,421 238 194 38 38 123 2,270 144 216 1,910	1984 4,456 2,037 1,538 348 152 40 35 77 2,420 133 327 1,959 52 (P)	1985 4,497 2,423 1,926 325 172 103 35 35 2,074 123	1986 4,313 2,076 1,814 196 67 60 24 -18 2,236 71 575 1,590 187 (°)	1987 5,085 1,985 1,663 252 70 56 30 -16 3,100 65 1,267 1,768	1983 15 332 197 108 27 12 14 (*) -317 48 -89 -275	1984 276 183 117 109 -43	32 386 369 -7 24 63 (*) -39 -354 -10	-31 -211 -112 14 -113 -42 -19 -52 180 -51 538 -307	1987 -130 -189 56 3 -4 6 1 817	741 754 608 244 -14 -89 -13 -7 216 -222	1,016 636 579 109 -52 10 -3 -58 380 -17 303 95 94 (⁰)	1985 941 554 485 96 -28 (P) (P) -10 388 -53 391 50 80	290 10 80 -24 -45 (*) 5 5 5 5 279 -25 432 -128	763 175 186 -1 -10 11 6 -27 588 24 267 297 (P) (P)
98 99 100 101 102 103 104 105 106 107 108 111 112 113 114 115 116 117 118 119 120	Botswana Burkina Burundi Cameroon Central African Republic Chad Congo Djibouti Ethiopia Gabon Gabon Gambia Ghana Guinea Ivory Coast Kenya Lesotho Madagascar Malawi Mali Mauritania Mauritania Maurambique Namibia	(P) (3 3 3 (*) (P) (P) (P) (P) (P) (P) (P) (P) (P) (P	4 1 19 19 -1 (P) 179 179 181 (P) 153 119 -3 179 3 8 8 (P) 114	1,907 (P) (P) (P) (P) (P) (P) (P) (P) (P) (P)	(P) (P) (P) (P) (P) (P) (P) (P)	1.287 1.788 1.788 2.29 0.00 37 2.32 248 0.00 5.00 5.00 5.00 5.00 5.00 5.00 5.0	-282 (P) 1 -1 (P)	2 2 7 21885 1 38 (P) 1 1 (P) (**) 3 1 1 (P) (**) 7 1 1 2 (P) 8 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	188866760120012161818181860610127	144 (P)(Y)(P) -26 (Y)(P) -121 -31 -29 -111 -29 -108 -122	37 627 187 640,000,000,000,000 128 100,000 10	216 -222 24 (P) (P) (P) (P) (P) -17 -17 -18 (P) -138 -11 -11 -11 -10 (*) (*) -7 -7 -4	(*) (*) (*) (*) (*) (*) (*) (*) (*) (*)	28 2 0 30 () 9 (*) 1 *) 13 0 -2 () -5 () 1 -2 () -2 () -1 () () -2 () -1 () () -2 () () -1 () () -2 () () -1 () () -2 () () -1 () () -2 () () -1 () () -2 () () -2 () () -2 () () -2 () () -2 () () -2 () () -2 () () -2 () () -2 () () -2 () () -2 () () -2 () () -2 () -2 () -2 () () -2 () -2 () () -2 (10 10 0 30 0 1 0 28 0 5 0 87 0 20 2 2 1 0 8 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	2 0 (°) (*) 1 (*) -2 (*) 10 0 24 (*) 24 (*) -1 1 -1 2 1 -2 3
122 123 124 125 126 127 128 129 130 131 132	Rwanda Senegal Sierra Leone Somalia Sudan Swaziland Tanzania Togo Uganda Zaire Zambia Zimbabwe	1 22 (P) (P) 245 (*) 31 (P) 17 133 68 64	3 25 -2 5 343 (*) 20 6 (P) 121 65 58	27 5 -2 361 (*) 4 9 (P) 135 46 52	5 56 2 29 17 -5 227 -1 -7 (P) 132 36 43	29 36 -10 202 (P) -10 (P) (P) (P) 181 41 42	24 (*) 1 (P) 4 -3 4 -7	1 3 (P) (P) 99 (*) -11 (P) -12 -3 -6	-7 5 (*) -16 3 (b) 14 -19 -5	-2 1 12 -3 -133 (*) -11 (0) (0) (0) -3 -10 -5	1 20 -5 -25 (P) -4 (P) (P) 55 6 -1	(*) 4 (P) -115 (*) -14 3 2 18 7 6	1 5 7 -12 28 (*) -20 (*) 4 29 -3 (*)	1 6 9 -12 -21 (*) -20 3 4 38 -16 8	4 (P) -7 -40 (*) -6 3 3 -25 -5 10	-5 1 (*) 5 (°) -5 -26 (°) -3 4 1 12 8 13
134 135 136 137 138 139 140 141 142 143 144 145 146 147 148	Middle East Israel Israel Saudi Arabia United Arab Emirates Other Bahrain Iran Iran Iraq Jordan Kuwait Lebanon Neutral Zone Oman Qatar Syria Yemen (Aden) Yemen (Sana)	4,451 605 2,156 697 992 783 16 2 (P) 44 51 0 45 (P)	5,025 733 2,352 981 959 790 -23 -2 (P) 45 37 0 6 (P)	4,606 717 2,442 792 655 440 -8 2 (P) 41 37 0 60 60 6 (P)	4,590 600 1,972 857 1,161 320 -16 (P) 54 37 0 27 6 (P) 2 (P)	4,762 793 2,385 762 820 95 -24 2 (P) 14 0 23 5 (P)	867 13 639 177 39 27 7 7 -1 (b) 5 -4 (c) (p) (p) (p) (p) (p)	607 119 2280 -15 6 -39 (*) (*) (*) 12 -3 0 6 6 1 (*) (*)	-76 116 116 -183 -82 -120 15 (*) (*) (-4 -11 (*) (*) (*) (*) (*) (*) (*) (*) (*) (*)	516 -112 566 65 506 -120 -8 (*) (*) 0 -33 (*) 0 -33 (*)	186 192 399 -88 -316 -225 -8 (*) (*) (-61 1 0 -4 -1 (P)	654 1066 233 219 96 122 -11 -1 3 9 3 0 -18 6 -15 -1 -1	906 120 5355 202 50 102 -22 (*) -3 13 4 0 -44 5 -44 1	402 58 269 150 -74 -45 15 (*) -1 6 (^D) 0 -39 4 (^P) 0 -1	562 96 313 79 74 -193 -14 (*) 3 17 6 0 -27 3 (P) 0	380 72 270 138 -99 -118 -8 (*) 2 -8 4 (*) 2 (*) 2 (*) 2 (*) (*) (*)
151 152 153 154 156 156 157 159 160 161 162 163 164 165 166 167 170 171 172 173 174 175	Other Asia and Pacific Hong Kong India Indonesia Malaysia Philippines Singapore South Korea Taiwan Thailand Other Afghanistan Bangladesh Brunei Fiji French Islands, Indian Ocean French Islands, Pacific Macau Pakistan Papua New Guinea People's Republic of China Sri Lanka Tonga Vanuatu Vyietnam	(P) (P) 2 2 2 (*) 102 100 12 2 (P) (*)	15,045 3,258 3,29 4,093 1,101 1,263 1,932 736 1,081 541 (*) (*) (*) (*) 113 147 20 (*) (*) (*) (*) (*) (*) (*) (*)	15,400 3,295 3,4475 1,1032 1,874 750 1,074 635 (*) 10 (*) (*) (*) (*) 11 11 2 2 (*) 11 11 2 (*) (*) (*) (*) (*) (*) (*) (*) (*) (*)	16,577 3,980 444 4,395 1,195 2,238 870 1,079 525 (*) 10 29 (*) 109 147 213 13 12 (*) (*) (*) (*)	18.991 5.453 466 3,929 1,111 2,521 1,018 1,312 1,282 687 (*) 3 4 4 (*) 161 162 325 12 3 (*) (*) (*)	867 2399 8 4455 -811 688 95 -1244 (*) (*) (*) (*) (*) (*) (*) (*) (*) (*)	1,670 196 -20 930 -113 -699 220 127 107 186 106 (*) (*) (*) (*) (*) (*) (*) (*) (*) (*)	186 44 52 176 424 -245 37 1 -43 166 0 0 -2 -11 (*) (*) -66 -7 172 (*) (*) (*) 0 (*)	959 645 65 65 -79 -36 114 195 63 -110 0 (*) -299 (*) (*) (*) (*) (*) (*) (*) (*) (*) (*)	2,469 1,451 83 -475 13 48 321 206 442 196 11 1 -2 (P) 1 1 (*) 75 112 112 112 112 112 112 112 112 112 11	3,260 514 511 1,630 381 1 52 139 1 -21 1 16 (*) (*) (*) (*) (*) (*) (*) (*) (*) (*)	3,805 451 388 1,985 393 84 511 171 191 191 2 2 8 -1 (*) (*) (*) 14 14 14 15 -98 16 (*) 0	3,163 515 64 1,385 332 116 397 170 90 140 -46 6 1 3 2 2 (*) 1 (*) 355 -5 -91 3 (*) 0	2,431 578 88 564 155 208 479 109 110 146 -22 2 (*) 21 10 -47 7 3 (*) 0	4,016 1,064 711 975 228 194 734 136 399 173 2 0 3 2 1 (*) 431 (*) 433 12 -68 3 3 0 0
177	Western Samoa International	1	5,204	5,428	4,602	4,304	180	(*) -662	173	(*) -795	-161	1,008	558	(*) 258	(*) -412	(*) -63
178 179	Addenda: OPEC ¹ European Communities (12) ²	8,440	10,481 0	10,383 0	10,906 98,472	11,498 122,247	316 0	1,677	-355 0	1,201 12,825	476 20,869	1,910 0	3,373 0	2,463 0	1,572 18,992	1,896 27,084

Less than \$500,000 (±).
 Suppressed to avoid disclosure of data of individual companies.
 See footnote 1, table 11.
 European Communities (12) comprises European Communities (10), Portugal, and Spain.

Table 30.—U.S. Direct Investment Abroad: Industry Detail for Selected Items

	[Millions of dollars] Direct investment position															
Line		Direct investment position 1983 1984 1985 1986 1987										Income 1992 1994 1995 1997				
	All industria						1983	1984	1985	1986	1987	1983	1984	1985	1986	1987
1 2 3 4	All industries	207,203 57,574 28,930 22,877	58,051 30,222 24,310	230,250 57,695 31,366 25,546	259,562 61,731 33,627 28,439	308,793 66,381 36,579 31,539	373 - 697 2,161 1,689	2,821 -565 1,709 1,896	18,068 -1,433 1,249 1,134	27,811 3,964 2,233 2,679	44,455 4,657 2,893 3,054	9,441 6,875 5,660	9,269 7,335 6,605	9,306 6,840 6,387	38,417 8,065 3,368 3,822	52,308 8,130 4,971 5,015
5 6 7 8 9 10 11 12 13 14	Oil and gas field services Petroleum and coal products Integrated petroleum refining and extraction Petroleum refining without extraction Petroleum and coal products, nec Petroleum wholesale trade Other Petroleum tanker operations Petroleum and natural gas pipelines Petroleum storage for hire Gasoline service stations	6,053 17,211 10,126 6,973 112 9,434 1,998 1,472 179 90 258	5,912 17,221 9,871 7,209 142 8,801 1,807 1,101 197 64 445	5,820 16,465 8,625 7,646 194 8,048 1,816 1,262 257 83 215	5,188 17,463 9,770 7,530 163 8,851 1,790 1,122 264 (P)	5,040 18,781 10,534 8,059 188 9,296 1,725 1,013 255 243 213	473 -1,699 -2,059 352 8 -1,248 88 32 -27 20 63	$\begin{array}{c} -187 \\ -581 \\ -40 \\ -547 \\ 7 \\ -1,411 \\ -282 \\ -403 \\ 18 \\ 6 \\ 97 \end{array}$	115 -2,189 -2,616 450 -22 -523 30 10 21 7 -7	-445 1,097 1,174 -95 18 867 -233 -190 5 (P)	-161 1,282 764 493 26 390 91 22 16 (P)	1,214 1,659 1,352 293 13 779 128 2 55 (*)	730 1,664 1,234 410 19 232 38 -97 67 (P)	453 1,669 1,096 571 1 747 51 -35 58 13	-454 3,376 1,861 1,486 30 1,178 143 71 34 (P)	-43 2,270 1,499 742 29 790 97 23 39 23 13
16	Manufacturing	82,907	85,865	94,700	104,877	126,640	-775	1,862	9,043	9,838	20,087	4,585	5,839	14,677	17,911	27,041
17 18 19 20 21 22 23 24 25 26	Food and kindred products. Grain mill and bakery products. Grain mill products. Bakery products. Beverages Other. Meat products. Dairy products. Preserved fruits and vegetables. Other food and kindred products	7,661 2,108 1,717 391 1,735 3,818 208 735 413 2,462	8,156 2,087 1,703 384 1,754 4,315 189 760 459 2,906	9,252 2,626 1,978 647 1,852 4,774 287 686 545 3,256	10,968 3,045 2,207 838 2,653 5,270 337 760 553 3,620	12,643 3,468 2,556 912 2,942 6,232 334 919 653 4,326	25 70 53 17 0 -46 -31 100 -70 -44	478 -30 -45 15 211 296 -19 23 52 240	1,196 461 314 147 170 565 80 59 96 329	1,469 450 265 185 559 460 34 73 16	1,630 469 386 83 299 863 -4 159 122 586	676 171 149 22 224 281 -29 119 22 168	683 61 58 3 224 398 11 115 27 244	1,619 378 254 124 447 793 72 156 49 516	2,091 442 276 166 723 926 46 179 73 628	2,784 786 633 153 847 1,151 51 204 125 771
27 28 29 30 31 32 33	Chemicals and allied products	18,788 8,698 4,356 2,534 788 2,412 454 1,958	19,200 9,217 4,438 2,316 821 2,407 426 1,982	20,273 9,104 4,940 2,440 1,096 2,692 620 2,073	22,741 9,848 6,242 2,550 1,108 2,994 684 2,310	26,914 11,451 7,644 2,913 1,179 3,727 713 3,014	116 -224 533 -65 -7 -121 41 -162	242 364 -64 -158 40 60 -29 89	782 79 566 65 -64 136 36	1,932 921 924 -65 14 138 33 105	4,093 1,632 1,376 400 38 647 7 641	1,120 414 459 94 63 90 -6 97	1,206 728 295 21 72 90 1	2,320 870 787 82 12 568 55 514	3,896 1,418 1,265 476 96 640 88 552	5,369 1,963 1,775 607 120 904 148 756
35 36 37 38 39 40 41 42	Primary and fabricated metals Primary metal industries Ferrous Nonferrous Fabricated metal products. Metal cans and shipping containers Cutlery, hand tools, and hardware Plumbing fixtures and heating equipment, exelectric.	4,974 1,301 597 704 3,673 747 498 152	5,256 1,509 614 894 3,747 744 510	5,012 1,417 716 701 3,595 481 673 152	5,311 1,469 586 883 3,841 556 629 174	5,662 1,563 707 856 4,099 651 440 212	-249 -313 -68 -245 -64 -27 -7 -3	33 127 4 123 -94 -19 -3 -57	62 72 110 -38 -11 -37 -51 -6	571 231 35 266 340 59 40 54	219 2 47 -45 217 95 -189 31	160 0 -9 9 160 2 45 15	292 103 24 79 190 29 65 -7	453 157 86 71 296 32 136 30	724 200 73 127 524 82 144 46	1,170 370 87 284 799 148 132 40
43 44 45 46	Pabricated structural metal products. Screw machine products, bolts, etc. Metal stampings and forgings Pabricated metal products, nec, ordnance, and services.	466 156 336 1,317	452 155 444 1,315	366 182 427 1,314	352 199 531 1,400	398 233 666 1,499	-10 -6 -55 103	-17 -36 35	-70 23 30 -2	-7 34 121 39	0 37 136 107	$ \begin{array}{r} 36 \\ 8 \\ -19 \\ 72 \end{array} $	47 11 13 32	5 29 50 13	75 31 71 75	79 48 148 204
47 48 49 50 51 52 53 54 55 56 57	Machinery, except electrical Farm and garden machinery Construction, mining, and materials handling machinery. Office and computing machines Other Engines and turbines Metalworking machinery Special industry machinery General industry machinery and equipment Refrigeration and service industry machinery Machinery, except electrical, nec	14,294 395 2,319 8,057 3,522 630 587 519 1,084 402 300	14,816 285 2,237 9,079 3,215 428 565 495 495 997 445 284	18,987 406 2,257 12,747 3,577 538 636 986 986 524 396	22,401 588 2,230 15,711 3,872 565 508 717 1,141 511 430	27,344 509 2,862 19,674 4,299 600 493 744 1,344 623 495	-134 -89 -469 410 14 -48 -27 10 21 53	216 -88 -28 625 -293 -230 -26 -9 -93 63 -16	3,996 15 109 3,569 303 31 4 60 71 71 66	3,675 130 -32 3,343 235 64 17 86 15 38 16	4,691 -76 316 3,971 481 -35 15 86 165 110 71	1,036 -61 -98 1,224 -29 -63 -27 28 8 22	1,389 -15 -72 1,476 1 -59 5 24 -15 41 6	4,738 (P) (P) 379 68 222 89 88 71 41	5,096 -39 33 4,694 408 -5 22 110 145 72 65	6,542 0 143 5,773 627 62 40 100 256 87 81
58 59 60 61 62 63 64	Electric and electronic equipment	7,328 1,139 1,843 2,273 2,073 480 1,593	8,193 1,103 2,073 2,893 2,124 508 1,617	8,515 1,080 2,283 3,170 1,982 408 1,574	7,405 1,300 90 4,185 1,830 370 1,460	9,784 1,582 781 5,170 2,251 602 1,649	-21 -28 -51 208 -150 -91 -60	760 3 188 587 -17 -95 78	275 -5 88 169 22 -56 79	$\begin{array}{r} -1,374\\ 173\\ -2,217\\ 647\\ 22\\ -25\\ 48\end{array}$	1,419 280 - 49 843 345 185 161	552 11 159 365 18 -2 19	862 36 169 598 59 -1 61	1,042 116 274 446 207 52 155	1,371 116 340 698 217 59 159	1,573 234 35 939 366 142 224
65 66 67	Transportation equipment	10,512 9,593 919	10,664 9,754 910	11,719 10,865 854	14,186 13,071 1,115	17,708 16,360 1,348	140 196 56	29 37 -8	1,065 1,116 -51	1,914 1,634 280	3,456 3,277 179	590 443 147	495 320 174	2,005 1,762 243	1,347 1,119 228	3,979 3,700 279
68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84	Other manufacturing Tobacco manufactures Textile products and apparel Textile mill products Apparel and other textile products. Lumber, wood, furniture, and fixtures. Lumber and wood products Furniture and fixtures. Paper and allied products Pulp, paper, and board mills Miscellaneous converted paper products Paperboard containers and boxes. Printing and publishing Rubber products Miscellaneous plastics products. Glass products Glass products Stone, clay, and other nonmetallic mineral products.	19,350 1,721 1,293 713 580 567 338 229 3,882 1,659 1,706 517 547 2,106 1,118 732 960	19,581 1,674 1,169 738 431 587 354 233 4,351 1,810 1,983 558 579 2,028 1,197 693 942	20,942 1,938 1,249 788 461 660 445 215 4,822 1,633 2,432 757 612 2,203 1,343 729 1,012	21,865 2,299 1,154 795 359 480 300 1,659 2,768 423 693 2,176 1,673 869 1,038	26,584 3,207 1,338 892 446 533 325 207 5,543 1,744 3,112 687 944 2,641 2,185 1,130 1,275	-651 -156 -32 -10 -23 -17 9 -26 -322 -204 1 -120 -20 -101 -49 -66 -193	104 -46 -139 -4 -137 -23 271 160 71 39 34 1 18 -46 -80	1,666 265 1112 51 61 61 -132 -19 -13 156 184 99 68 155 166 70	1,651 389 18 17 47 38 9 9 9 258 -76 317 -54 -36 229 160	4,578 908 185 97 88 52 25 27 724 86 3303 256 492 508 136 210	452 8 8 43 -35 28 20 8 8 144 -8 143 9 43 -19 -17 6	913 -21 86 94 -8 -9 -30 21 343 182 109 52 48 76 137 26 35	2,501 325 140 73 66 48 11 37 623 261 252 109 108 272 207 113	3,385 444 163 95 688 44 32 12 725 212 433 80 107 346 400 197 196	5,624 883 245 131 114 82 56 26 1,041 375 591 76 210 634 589 306 280
85 86 87 88 89 90 91 92 93	Instruments and related products. Scientific and measuring instruments Optical and opthalmic goods Medical instruments and supplies Photographic equipment and supplies Watches, clocks, and watchcases Other Leather and leather products Miscellaneous manufacturing industries	5,486 977 80 714 3,687 28 938 74 864	5,512 1,103 (P) 739 3,533 (P) 851 79 771	5,493 1,191 (P) 777 3,330 (P) 881 86 795	5,734 1,192 155 984 3,363 40 899 83 815	6,849 1,500 1,191 3,970 38 938 93 845	262 120 38 6 112 -14 3 4 -1	-33 70 (P) 33 -163 (P) 67 5 62	303 78 (P) 36 159 (P) 56 7	440 138 (P) 135 164 (P) 655 -3 68	1,111 306 -5 206 607 -3 -3 10 -13	225 113 (P) 80 0 (P) 27 5 22	190 102 (P) 75 -25 (P) 2 5 -4	471 154 31 80 209 -3 90 10 80	655 221 20 180 242 -7 108 7	1,196 230 (P) 262 675 (P) 158 10 148

See footnotes at end of table.

Table 30.—U.S. Direct Investment Abroad: Industry Detail for Selected Items—Continued

	[Millions of dollars]																
Time			Direct investment position					apital out	flows (in	flows (—))	Income					
Line		1983	1984	1985	1986	1987	1983	1984	1985	1986	1987	1983	1984	1985	1986	1987	
94 95 96 97 98 99	Wholesale trade Durable trade Motor vehicles and equipment. Lumber and other construction materials Metals and minerals Electrical goods Hardware, plumbing, and heating equipment and	21,278 14,814 602 103 610 1,641 194	21,117 14,651 466 82 668 1,710 141	22,790 16,450 844 67 533 1,744 151	26,168 18,559 911 53 428 2,008 314	31,330 21,803 982 61 564 2,118 354	670 2 -102 18 -48 264	455 554 -37 -21 57 291 -3	1,834 1,392 198 -23 -27 114 10	2,352 1,529 134 -13 -77 159 42	5,040 3,198 68 7 128 115 32	1,637 945 -62 20 46 190	2,210 1,424 13 17 58 210 6	3,161 2,873 163 4 66 232 10	4,493 3,125 312 5 45 257 28	6,633 4,482 342 4 64 375 41	
101 102 103 104 105 106 107 108 109	supplies. Farm and garden machinery and equipment. Machinery, equipment and supplies, nec. Durable goods, nec. Nondurable goods. Paper and paper products. Drugs, proprietaries, and sundries. Apparel, piece goods, and notions. Groceries and related products. Farm product raw materials. Nondurable goods, nec.	454 9,879 1,332 6,464 177 1,637 256 801 715 2,878	415 9,741 1,428 6,466 240 1,517 214 871 802 2,821	464 10,876 1,771 6,340 229 1,343 195 954 671 2,947	601 12,234 2,010 7,609 257 1,505 332 1,147 655 3,713	947 14,407 2,369 9,527 358 1,590 496 1,438 799 4,848	-188 146 -89 668 0 85 38 161 50 333	-80 419 -73 -99 32 -85 -46 19 92 -111	-22 1,065 77 442 23 19 -25 247 -84 263	128 1,001 154 824 47 140 18 199 -50 470	345 2,146 357 1,841 101 17 163 293 129 1,139	-24 730 30 692 15 85 39 160 124 269	-25 1,106 39 786 23 53 3 182 66 458	-10 1,822 86 788 35 129 32 202 52 339	31 2,208 240 1,367 62 248 107 289 98 563	89 3,178 390 2,151 79 288 190 345 50 1,200	
111	Banking	12,387	13,516	14,461	14,576	15,354	1,995	1,246	1,094	-529	604	2,889	2,630	2,886	2,495	2,152	
112 113 114 115 116 117 118 119 120 121 122 123 124	Finance (except banking), insurance, and real estate— Finance, except banking. Franchising, business Other Insurance. Life insurance. Accident and health insurance. Other Real estate Lessors of agricultural and forestry real estate. Real estate, nec Holding companies. Nonbusiness entities, except Government	15,075 -13,095 (P) (P) 7,947 1,231 565 6,150 558 0 558 19,666	15,683 -13,575 -7 -13,568 8,039 1,432 532 6,075 445 0 445 20,774	22,501 -8,980 10 -8,990 8,322 1,482 632 6,208 384 0 384 22,775 0	34,413 -2,485 (P) (P) 8,838 1,418 792 6,628 348 0 348 27,712 0	49,097 4,850 130 4,719 10,675 1,598 949 8,127 1,854 0 1,854 31,718	-1,360 -3,376 (P) (P) 716 54 122 540 6 0 6 1,294	394 -328 (P) (P) 103 226 -33 -90 -45 664 0	7,246 4,899 17 4,882 537 150 100 287 4 0 4 1,806	12,251 7,375 (P) (S) 369 -205 153 421 -7 0 -7 4,513 0	13,829 7,259 (P) 1,737 94 157 1,486 1,468 3,365	253 -2,424 -2,424 994 74 123 797 1 0 1 1,682 0	64 -2,355 4 -2,358 858 214 0 644 15 0 15 1,545	1,464 -1,866 3 -1,869 1,167 310 84 772 26 0 26 2,137 0	3,657 -999 8 -1,006 1,197 193 128 877 11 0 11 3,447	5,640 -414 -1 -412 1,749 201 192 1,356 60 4,245	
125 126 127 128 129	Services Hotels and other lodging places Business services Advertising Management, consulting, and public relations services.	4,670 446 1,959 354 698	4,447 462 1,903 374 666	4,683 548 1,882 361 683	4,866 600 2,399 376 811	6,812 789 3,059 446 870	$\begin{array}{r} 133 \\ -118 \\ 100 \\ 36 \\ 116 \end{array}$	37 -31 125 17 45	278 56 -80 3 -75	219 23 56 -54 -104	1,947 187 646 70 60	735 19 283 61 113	645 26 247 56 82	720 68 277 64 89	705 106 289 61 88	1,231 188 547 93 137	
130 131 132 133	Equipment rental (ex. automotive and computers) Computer and data processing services	212 193 503 (P)	127 141 594 (^p)	152 138 548 (^D)	449 198 565 (P)	651 340 751 (^D)	18 -27 -43 (^D)	-15 -27 105 (P)	-53 -13 58 (^D)	204 33 -23 (^D)	183 134 199 (P)	41 7 60 8	24 -6 91 3	44 5 74 (P)	8 2 131 (^D)	-13 97 233 (P)	
134	Employment agencies and temporary help supply services.	(p)	(D)	(D)	(D)	(P)	(D)	(P)	(D)	(D).	(P)	6	5	(D)	. (P)	(P)	
135 136 137 138 139 140 141 142 143	Other	373 632 599 225 809 292 16 (P) (P) 473	484 590 673 203 617 225 14 (P) (P) 345	429 664 587 398 603 275 49 (P) 242	417 757 512 99 499 219 48 (P) (P) 193	585 868 572 623 901 345 86 (P) 428	-65 -20 17 122 32 -53 -33 (P) (P) 115	94 -63 37 -23 -9 -65 0 (P) (P) 51	50 74 -65 183 109 65 39 (P) (P)	-52 67 63 72 -63 -15 -1 (P) -49	182 110 61 563 380 101 38 (P) (P) 237	46 77 69 177 111 -5 13 (P) (P) 84	84 81 85 103 102 -12 6 (P) 90	53 69 44 101 161 87 9 (P) (P) 49	95 89 24 75 121 62 2 9 6 43	199 71 93 29 304 64 11 9 6	
145 146 147 148 149 150 151 152 153 154 155 156 166 162 163 169 170 171 172 173 174 175 176 177	Other industries Agriculture, forestry, and fishing	0 8 8 70 3 5,514 4,020 1,038 2,284 417 256 629 937 2,427 1,814 (°) 1,206 65 (°) (°) (°) (°) (°) (°)	12,799 729 510 136 0 3 77 3 4,902 3,826 922 2,277 (P) (P) 28 1,076 4,94 4,582 1,069 1,171 137 0 (P) (P) 441 669 1516 3,727 1,408 2,319	13,421 497 271 141 0 122 70 3,612 937 2,201 (P) 299 1,304 755 550 1,331 2,679 1,040	12,931 390 215 101 0 (°) 0,9 101 4,068 3,130 783 2,085 635 635 635 1,313 2,534 1,600 (°) 1,043 615 60 60 1,043 615 615 615 615 615 615 615 615	13,179 504 300 107 0 14 62 211 3,908 2,882 767 1,832 (2) 6 1,026 6,800 346 1,229 2,374 1,467 (0) 865 61 0 (0) 907 651 256 5,164 1,999 3,165	497 -39 -17 6 0 4 1 -33 -37 -205 -148 380 320 -61 -108 -137 29 9 95 87 (b) -100 0 (c) -35 85 -17 245 139 106	-608 143 122 19 0 -55 7 -1 -666 -123 -95 -66 (P) (S) 3 -542 -495 -47 -178 -178 -178 0 (P) -95 0 15 -14 15	7 -244 -245 0 4 4 -7 -1 1 -97 -239 54 -56 26 26 26 26 26 26 26 26 26 26 26 26 26	-283 -118 -89 -14 0 (P) -16 (P) -811 -512 -154 -171 -2190 -179 -61 273 200 (P) -3 10 0 (P) 216 73 434 202 232	-1,708 51 22 6 0 (b) -965 -968 -16 -713 (b) 1 63 31 -54 -263 -232 (c) -139 -98 -31 -0 -537 -612 -75	959 35 40 9 0 -11 (P) (P) 128 -41 -27 34 -104 -104 -105 351 288 41 132 288 -41 351 288 351 351 361 361 377 683 377 666	559 -4 -16 -16 -16 -16 -17 -17 -17 -17 -17 -17 -17 -17 -17 -17	988 12 (P) 0 0 3 (P) 102 122 122 123 141 6 250 289 119 11 8 6 8 6 8 6 8 119 170 5 184 151	1,093 46 277 9 0 0 169 154 123 -11 82 -39 -1 16 13 3 101 1218 93 -4 -18 93 -4 -18 5558 562 296	(P) 1822 382 97 616 -16 21 -40 91 251 89 -3 0 0 0 76 161 67 95 867	

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

Foreign Direct Investment in the United States: Detail for Position and Balance of Payments Flows, 1987

The following 23 tables contain BEA's country-by-industry estimates, and estimates by detailed account, of the position and related capital and income flows for foreign direct investment in the United States. They also contain estimates of the position, capital flows, and income for all countries and for all industries in which there was investment.

Summary position and flow estimates, and analyses of the estimates, were published in the June Survey of Cur-RENT BUSINESS. Two other articles on foreign direct investment in the United States—"U.S. Business Enterprises Acquired or Established by Foreign Direct Investors in 1987," and "U.S. Affiliates of Foreign Companies: Operations in 1986"—appeared in the May Survey.

Note.—The quarterly survey from which the annual estimates of foreign direct investment in the United States were derived was conducted by Gregory G. Fouch, under the supervision of James L. Bomkamp, Chief, Foreign Direct Investment in the United States Branch. Tracy K. Leigh assisted in preparing the estimates. Smith W. Allnutt III, Chief, Data Retrieval and Analysis Branch, designed the computer programs for data retrieval and tabular presentation.

Table 1.-Foreign Direct Investment Position in the United States

	Direct in	vestment	position	Change								
	Mill	ions of do	llars	Millions	of dollars	Perc	cent					
	1985	1986	1987	1986	1987	1986	1987					
All areas	184.615	220.414	261.927	35.799	41.513	19.4	18.8					
Petroleum	28,270	29,094	35,395	824	6,301	2.9	21.7					
Manufacturing	59,584	71,963	91,025	12,379	19,063	20.8	26.5					
Wholesale trade		33,997	37,580	4,946	3,583	17.0	10.5					
Other	67,711	85,360	97,927	17,649	12,567	26.1	14.7					
Canada	17,131	20,318	21,732	3,187	1,414	18.6	7.0					
Petroleum	1,589	1,432	1,433	-157	1	-9.9	.1					
Manufacturing	4,607	6,108	7,478	1,502	1,370	32.6	22.4					
Wholesale trade	1,532	1,496	2,393	-36	897	-2.4	60.0					
Other	9,403	11,282	10,427	1,878	-854	20.0	-7.6					
Europe	121,413	144,181	177,963	22,768	33,782	18.8	23.4					
Petroleum	25,636	26,139	32,787	503	6,648	2.0	25.4					
Manufacturing	45,841	56,016	70,598	10,175	14,582	22.2	26.0					
Wholesale trade	13,778	16,430	18,391	2,652	1,960	19.3	11.9					
Other	36,158	45,596	56,188	9,438	10,592	26.1	23.2					
Of which:	'	·										
Netherlands	37,056	40,717	47,048	3,661	6,331	9.9	15.5					
Petroleum		(D)	(D)	(P)	(D)	(D)	(D)					
Manufacturing	13,351	13,293	16,120	-58	2,826	4	21.3					
Wholesale trade	2,158	2,621	2,205	463	-416	21.4	-15.9					
Other	10,066	(P)	(p)	(P)	(p)	(D)	(a)					
United Kingdom	43,555	55,935	74,941	12,380	19,006	28.4	34.0					
Petroleum		11,758	(D)	-397	(D)	-3.3	(P)					
Manufacturing		16,500	23,510	4,813	7,010	41.2	42.5					
Wholesale trade		5,676	6,958	1,632	1,282	40.4	22.6					
Other	15,670	22,001	(D)	6,332	(P)	40.4	(D)					
Japan		26,824	33,361	7,511	6,537	38.9	24.4					
Petroleum	31	-34	30	-65	64	(1)	, (1)					
Manufacturing		3,578	5,232	840	1,654	30.7	46.2					
Wholesale trade		13,687	14,667	1,891	980	16.0	7.2					
Other	-,	9,593	13,432	4,844	3,840	102.0	40.0					
Other		29,091	28,871	2,333	-220	8.7	8					
Petroleum	1,014	1,556	1,145	543	-411	53.5	-26.4					
Manufacturing		6,261	7,718	-137	1,458	2.1	23.3					
Wholesale trade		2,384	2,128	439	-255	22.6	-10.7					
Other	17,401	18,890	17,880	1,489	-1,011	8.6	-5.4					

Table 2.—Foreign Direct Investment Position in the United States by Account

[Millions of dollars] 1986 1987 Intercompany debt Intercompany debt U.S. afffiliates' receivables Total Equity 1 U.S. afffiliates receivable Total Equity 1 U.S. afffiliates Net Net 189,668 22,744 63,775 24,737 78,413 261,927 35,395 91,025 37,580 97,927 76,174 8,862 26,547 15,504 25,261 All areas Petroleum Manufacturing... Wholesale trade Other 4,731 4,496 9,618 17,107 15,323 712 4,890 600 9,121 20,318 1,432 6,108 4,995 720 1,218 896 2,161 5,704 794 1,449 1,014 2,446 16,318 689 6,163 1,565 7,901 1.276 710 21.732 6,690 Petroleum...... Manufacturing ... Wholesale trade Other.... 613 185 389 1,496 11,28210,427 105,404 19,940 38,715 11,319 35,430 11,715 510 144,181 26,139 56,016 38,777 6,200 17,301 177,963 32,787 70,598 18,391 56,188 10,879 50,492 6,710 Of which:
Netherlands......
Petroleum.....
Manufacturing...
Wholesale trade
Other.... 40,717 14,079 30,157 10,560 11,067 47,048 32,968 14,388 (P) 216 62 (P) 13,293 2,621 (^D) 38,325 (^D) 11,800 3,652 (^D) 17,611 22,561 32,241 United Kingdom. 74,941 26,541 6,639 2,718 (P) 693 2,124 4,193 21,766 26,824 23,882 19,032 7,792 10,402 2,611 33,361 12,455 30 5,232 14,667 13,432 4,431 99 630 854 2,848 3,322 396 1,836 859 230 22,357 328 3,789 $25,550 \\ 749$ 2,842 82

D Suppressed to avoid disclosure of data of individual companies.
 Percent change is not defined because the position is negative in 1 of the 2 years

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

 Includes capital stock, additional paid-in capital, and retained earnings.

Table 3.—Change in the Foreign Direct Investment Position in the United States by Account

[Millions of dollars]												
	Capital inflows											
			1	Equity capital	l		Int	ercompany d	ebt	Valuation		
	Total	Total	Net	Încreases	Decreases	Reinvested earnings	Net	Increases in U.S. affiliates' payables	Increases in U.S. affiliates' receiv- ables ¹	adjust- ments		
	1986											
All areas Petroleum Manufacturing Wholesale trade Other	35,799	34,091	25,086	30,663	5,578	-2,293	11,298	13,412	2,113	1,708		
	824	662	1,226	1,284	59	-1,114	550	90	-461	162		
	12,379	11,865	9,488	12,284	2,796	-1,897	4,274	5,293	1,019	514		
	4,946	4,679	1,914	2,005	92	394	2,371	2,823	452	267		
	17,649	16,885	12,459	15,090	2,631	324	4,103	5,206	1,103	764		
Canada Petroleum Manufacturing Wholesale trade Other	$egin{array}{c} 3,187 \ -157 \ 1,502 \ -36 \ 1,878 \ \end{array}$	2,547 - 137 1,239 - 115 1,559	1,803 32 271 209 1,291	2,926 (^D) (^D) 209 1,980	1,123 (P) (P) 0 689	-675 -310 371 -586 -149	1,419 142 597 262 418	1,152 94 367 257 433	-267 -48 -230 -5 15	640 -20 263 79 319		
Europe Petroleum Manufacturing Wholesale trade Other	22,768	21,730	15,468	18,767	3,300	711	5,551	8,003	2,452	1,039		
	503	272	975	1,015	40	779	75	303	-378	232		
	10,175	9,351	7,373	9,140	1,766	114	2,092	3,306	1,214	824		
	2,652	2,688	1,285	1,359	74	455	949	1,492	543	-36		
	9,438	9,419	5,835	7,254	1,419	1,149	2,435	3,508	1,073	19		
Of which: Netherlands Petroleum Manufacturing Wholesale trade Other	3,661	4,374	2,913	3,251	338	779	682	853	172	-714		
	(^D)	(b)	26	26	0	625	(^b)	- 26	(^b)	294		
	-58	-103	289	374	85	126	-518	- 345	173	45		
	463	467	188	236	48	87	192	153	-40	-5		
	(^D)	(b)	2,411	2,615	204	— 59	(^c)	1,072	(^b)	-1,049		
United Kingdom Petroleum Manufacturing Wholesale trade Other	12,380	10,827	5,088	6,667	1,580	554	5,185	5,846	661	1,553		
	-397	-511	311	(P)	(P)	-1,045	223	-35	258	113		
	4,813	4,659	1,713	(P)	(P)	422	2,523	3,139	615	155		
	1,632	1,585	701	(P)	(P)	96	788	951	163	47		
	6,332	5,094	2,362	2,987	625	1,081	1,651	1,792	141	1,238		
Japan Petroleum. Manufacturing Wholesale trade Other	7,511	7,268	3,837	3,949	112	110	3,321	2,650	-670	243		
	65	-65	19	(P)	(^D)	-10	74	-89	-15	0		
	840	938	883	(P)	(^D)	-259	315	370	55	-99		
	1,891	1,775	240	242	2	493	1,041	959	-83	117		
	4,844	4,620	2,695	2,783	88	-114	2,039	1,411	-628	225		
Other	2,333	2,547	3,978	5,021	1,043	-2,439	1,008	1,607	599	-214		
Petroleum	543	592	200	208	9	-15	407	388	-19	-49		
Manufacturing	137	337	961	1,544	584	-1,894	1,270	1,250	-20	-474		
Wholesale trade	439	331	179	195	15	32	120	116	-4	108		
Other	1,489	1,287	2,638	3,073	435	-562	-788	-146	642	202		
		·		l	19	987						
All areas Petroleum Manufacturing Wholesale trade Other	41,513	41,977	25,477	29,376	3,899	2,537	13,962	15,647	1,685	-463		
	6,301	6,410	447	559	113	1,378	4,585	4,506	-78	-108		
	19,063	20,443	13,210	13,559	349	2,146	5,088	5,434	347	-1,381		
	3,583	3,549	224	1,221	997	1,450	1,876	1,827	-48	34		
	12,567	11,575	11,597	14,038	2,440	-2,437	2,414	3,879	1,465	992		
Canada Petroleum Manufacturing Wholesale trade Other	1,414	959	635	1,980	1,345	-95	419	986	566	455		
	1	- 26	7	7	(*)	-57	24	38	14	27		
	1,370	988	708	715	7	183	97	480	383	381		
	897	890	326	328	1	631	-67	-1	66	7		
	-854	- 894	-407	930	1,337	-853	365	469	104	40		
Europe Petroleum. Manufacturing Wholesale trade Other	33,782	34,974	16,280	18,186	1,906	3,426	15,268	14,433	-835	-1,192		
	6,648	6,801	-20	(P)	(P)	1,406	5,416	5,281	-135	-153		
	14,582	16,449	9,176	9,380	204	2,149	5,125	4,950	-174	-1,868		
	1,960	2,020	-450	(P)	(P)	181	2,289	1,583	-707	-60		
	10,592	9,703	7,574	8,258	684	-309	2,439	2,619	180	889		
Of which: Netherlands Petroleum Manufacturing Wholesale trade Other	6,331	7,871	3,521	4,606	1,085	831	3,519	3,321	-198	-1,540		
	(^D)	(P)	-32	(P)	(P)	(^D)	137	(P)	(P)	-13		
	2,826	4,355	2,248	2,265	17	211	1,895	1,750	-145	-1,528		
	-416	-354	-761	(P)	(P)	97	311	316	6	-62		
	(^D)	(P)	2,065	2,183	117	(^D)	1,451	(P)	(P)	63		
United Kingdom Petroleum Manufacturing Wholesale trade Other	19,006	18,562	7,739	7,929	190	1,893	8,930	9,680	750	443		
	(P)	(P)	(P)	9	(P)	335	(P)	(^b)	48	141		
	7,010	7,108	3,343	3,407	64	1,209	2,557	2,415	-142	99		
	1,282	1,183	205	255	50	288	740	388	-352	99		
	(P)	(P)	(P)	4,258	(P)	112	(P)	(^b)	1,195	584		
Japan Petroleum Manufacturing Wholesale trade Other	6,537	6,181	4,340	4,443	103	153	1,687	2,052	365	356		
	64	64	91	(^D)	(^D)	-4	-23	2	25	0		
	1,654	1,639	993	998	5	145	501	492	-9	15		
	980	931	318	(^D)	(^D)	528	86	581	495	49		
	3,840	3,547	2,939	2,993	54	-515	1,123	977	-145	293		
Other Petroleum. Manufacturing Wholesale trade Other	$\begin{array}{c} -220 \\ -411 \\ 1,458 \\ -255 \\ -1,011 \end{array}$	-137 -430 1,367 -293 -780	4,222 369 2,332 29 1,491	4,768 391 2,465 54 1,857	546 22 133 25 366	-947 33 -330 110 -760	-3,412 -832 -635 -433 -1,512	-1,823 -814 -488 -335 -186	1,588 18 148 97 1,326	-83 19 91 38 -230		

^{*} Less than \$500,000 (±).

Description Suppressed to avoid disclosure of data of individual companies.

An increase in U.S. affiliates' receivables is a decrease in intercompany debt and, thus, a capital outflow.

Table 4.—Foreign Direct Investment in the United States: Earnings and Reinvestment Ratios

[Millions of dollars or ratio]

			[1,21,1101.	s of donars of							
		19	86			19	87		1986 -8'	7 change in e	arnings
		Earnings		Renivest-		Earnings		Renivest-	Trade 1	Distributed	Reinvested
	Total	Distributed	Reinvested	ment ratio ¹	Total	Distributed	Reinvested	ment ratio	Total	Distributed	Reinvested
All areas Petroleum Manufacturing Wholesale trade Other	2,406 -209 -1,025 1,203 2,438	4,700 904 872 809 2,114	-2,293 -1,114 -1,897 394 324	(2) (2) (2) .33 .13	6,839 1,774 3,138 1,791 136	4,302 396 991 342 2,573	2,537 1,378 2,146 1,450 -2,437	.37 .78 .68 .81	4,432 1,983 4,163 588 -2,302	$\begin{array}{r} -398 \\ -508 \\ 119 \\ -468 \\ 459 \end{array}$	4,830 2,492 4,043 1,055 -2,760
Canada Petroleum Manufacturing Wholesale trade Other	$\begin{array}{c} \textbf{246} \\ -236 \\ \textbf{431} \\ \overset{(P)}{(P)} \end{array}$	921 74 61 (P)	-675 -310 371 -586 -149	(2) (2) .86 (2) (2)	704 11 221 645 —172	800 68 38 14 681	-95 -57 183 631 -853	(2) (2) .83 .98 (2)	458 248 -211 (^D)	-122 -6 -23 (^D)	580 254 -188 1,217 -703
Europe	772	2,679 826 678 317 859	711 779 114 455 1,149	.21 (2) (2) .59 .57	5,775 1,730 2,928 427 689	2,349 324 780 246 999	3,426 1,406 2,149 181 -309	.59 .81 .73 .42 (2)	2,385 1,683 2,365 -345 -1,319	-330 -501 102 -70 140	2,715 2,185 2,263 -274 -1,459
Of which: Netherlands Petroleum Manufacturing Wholesale trade Other	(⁰) 434 111	474 (P) 308 23 (P)	779 625 126 87 —59	.62 (P) .29 .79	1,446 (P) (P) 107 -367	615 9 (P) 11 (P)	831 (P) 211 97 (P)	.57 (P) (P) .90 (P)	193 (^D) (^D) -3 (^D)	141 (^D) (^D) -13 13	51 (^p) 85 9 (^p)
United Kingdom Petroleum Manufacturing Wholesale trade Other	562	1,140 (P) 140 53 (P)	554 -1,045 422 96 1,081	.33 (2) .75 .65 (P)	2,766 (P) 1,321 250 (P)	872 (P) 112 12 (P)	1,893 335 1,209 238 112	.68 (P) .91 .95 (P)	1,072 990 759 101 -778	-267 -390 -28 -41 191	1,339 1,380 787 142 -969
Japan Petroleum. Manufacturing Wholesale trade Other	$-9 \\ -239 \\ 590$	727 (*) 20 97 609	110 -10 -259 493 -114	.13 (2) (2) .84 (2)	925 -4 166 584 178	771 1 21 57 693	153 -4 145 528 -515	.17 (2) .87 .90 (2)	88 6 405 -6 -317	45 (*) 1 -40 84	43 6 404 34 -401
Other Petroleum Manufacturing Wholesale trade Other	$-11 \\ -1,781$	373 4 113 (^D) (^D)	$\begin{array}{r} -2,439 \\ -15 \\ -1,894 \\ 32 \\ -562 \end{array}$	(2) (2) (2) (0) (2)	-565 36 -177 135 -559	382 3 153 25 201	-947 33 -330 110 -760	(2) .91 (2) .82 (2)	1,502 46 1,604 (^D)	9 -1 40 (D) (D)	1,492 48 1,564 78 – 197

Table 5.—Foreign Direct Investment in the United States: Income [Millions of dollars]

		Income		Cha	nge
	1985	1986	1987	1986	1987
All areas	6.079	5.379	10.504	-700	5.129
Petroleum	2,153	302	2,456	-1.850	2.15
Manufacturing	200	75	4.515	-125	4,44
Wholesale trade	2,412	1,491	2,093	- 921	60
Other	1,314	3,510	1,440	2,196	-2,07
Canada	348	390	896	42	50
Petroleum	100	-236	10	-335	24
Manufacturing	8	495	252	488	-24
Wholesale trade	18	-204	662	-222	86
Other	223	335	-28	112	-36
Europe	5,240	5,701	8,717	460	3,01
Petroleum	2,100	498	2,400	-1.602	1,90
Manufacturing	1,324	1,522	4,125	197	2,60
Wholesale trade	1,083	1,000	711	~83	-29
Other	733	2,681	1,481	1,948	-1,20
Of which:					
Netherlands	2,131	2,179	2,382	48	20
Petroleum	(D)	692	(D)	(D)	(1
Manufacturing	485	854	1,067	369	21
Wholesale trade	206	172	182	-35	1
Other	(D)	462	(D)	(^D)	(1
United Kingdom	2,127	2,611	4,355	484	1.74
Petroleum	854	-35	1,203	-888	1.23
Manufacturing	767	707	1.758	-59	1.05
Wholesale trade	98	255	396	157	14
Other	409	1,683	999	1,274	68
apan	1,561	1,009	1,178	-552	16
Petroleum	-6	-9	-3	-3	
Manufacturing	195	-215	202	-20	41
Wholesale trade	1,274	616	601	-658	-1
Other	488	617	378	130	-23
Other	-1.071	-1.722	-287	-651	1.43
Petroleum	-40	50	50	90	1,10
Manufacturing	-937	-1,727	-64	-789	1,66
Wholesale trade	36	78	119	42	4
Other	-129	-123	-391	6	-26

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

Table 6.—Source and Relationship of Income and Its Components

	[Millions of dollars]		
Line		1987 amount	Source and relationship
1 2 3	Earnings	-182	2 + 3 Reported ¹ Extrapolated ²
4 5	Distributed earnings	4,302 2,537	
6	Withholding taxes on distributed earnings	144	Extrapolated ²
7	Interest (net of withholding taxes)	3,810	Extrapolated ²
8	Income	10,504	1 - 6 + 7
9 10 11	Income before capital gains/losses	6,695	1 - 6

^{1.} Data are as reported by the sample; no estimate for nonreporting affiliates is made.

2. Universe estimates are calculated by extrapolating forward data from the 1980 benchmark survey, based on the movement of reported sample data in subsequent years.

Less than \$500,000 (±).
 Suppressed to avoid disclosure of data of individual companies.
 Reinvested earnings divided by earnings.
 Reinvestment ratio is not defined because reinvested earnings are negative.

SURVEY OF CURRENT BUSINESS

Table 7.—Foreign Direct Investment in the United States: Income and Rate of Return

[Millions of dollars or percent]

				-	1986									1987				
				Inc	ome								Inco	ome				
	Total		Earnings		With-		erest (net holding t		D-46	Total		Earnings		With-		erest (ne holding t		Rate of
	less col. 5 plus col. 6)	Total	Before capital gains/ loses	Capital gains/ losses	holding taxes on distrib- uted earnings	Net	U.S. affili- ates' pay- ments	U.S. affili- ates' receipts	Rate of return ¹	less col. 14 plus col. 15)	Total	Before capital gains/ loses	Capital gains/ losses	holding taxes on distrib- uted earnings	Net	U.S. affili- ates' pay- ments	U.S. affili- ates' receipts	return 1
· · · · · · · · · · · · · · · · · · ·	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
All areas	5,379 302 75 1,491 3,510	2,406 -209 -1,025 1,203 2,438	4,461 919 1,217 1,100 1,225	-2,054 -1,128 -2,242 103 1,213	175 44 65 22 45	3,148 555 1,165 310 1,117	3,990 594 1,389 450 1,556	842 39 224 140 439	2.7 1.1 .1 4.7 4.6	10,504 2,456 4,515 2,093 1,440	6,839 1,774 3,138 1,791 136	7,021 1,751 3,732 1,200 337	-182 23 -594 591 -201	144 22 63 15 44	3,810 704 1,441 317 1,348	4,679 717 1,644 489 1,828	869 13 203 172 480	4.4 7.6 5.5 5.8 1.6
Canada	390 -236 495 -204 335	246 -236 431 (^D) (^P)	226 (^D) 128 25 (^D)	20 (^D) 304 (^D) 162	17 7 8 (P) (P)	161 7 72 3 79	170 8 77 3 82	9 1 5 (*) 3	$\begin{array}{c} 2.1 \\ -15.6 \\ 9.2 \\ -13.5 \\ 3.2 \end{array}$	896 10 252 662 -28	704 11 221 645 -172	650 12 316 (^D) (^D)	54 (*) -95 (^D)	13 6 5 (*)	205 5 37 18 146	219 - 5 45 18 151	14 1 8 (*) 4	4.3 .7 3.7 34.0 3
Europe Petroleum Manufacturing Wholesale trade Other	5,701 498 1,522 1,000 2,681	3,390 47 563 772 2,008	4,187 (P) 1,651 599 (P)	-797 (P) -1,087 173 (P)	122 37 48 10 27	2,433 488 1,006 239 700	3,075 525 1,194 271 1,084	642 38 188 33 384	4.3 1.9 3.0 6.6 6.6	8,717 2,400 4,125 711 1,481	5,775 1,730 2,928 427 689	5,825 1,707 3,211 349 558	-50 23 -283 78 132	98 16 49 7 27	3,041 685 1,245 291 819	3,712 698 1,436 342 1,236	672 13 191 51 417	5.4 8.1 6.5 4.1 2.9
Of which: Netherlands Petroleum Manufacturing Wholesale trade Other	692 854	1,253 (P) 434 111 (P)	1,254 650 437 108 60	-1 (P) -3 2 (P)	24 4 14 2 3	950 (P) 434 63 (P)	967 (P) 436 67 (P)	17 (*) 2 4 11	5.6 (P) 6.4 7.2 (P)	2,382 (P) 1,067 182 (P)	1,446 (P) (P) 107 -367	1,358 (P) (P) 105 -399	88 (P) (P) 2 31	(P) 1	969 28 403 76 461	977 28 407 77 465	9 1 4 1 4	5.4 8.2 7.3 7.5 .6
United Kingdom	$-35 \\ 707$	1,694 (^D) 562 149 (^D)	2,186 297 857 154 879	-492 (P) -294 -5 (P)	64 30 16 3 15	981 (°) 161 109 (°)	1,309 (P) 269 122 (P)	329 (P) 108 13 (P)	5.2 3 5.0 5.3 8.9	4,355 1,203 1,758 396 999	2,766 (P) 1,321 250 (P)	2,759 598 1,379 235 548	7 (P) -57 15 (P)	(P) 8 (*)	1,630 637 445 146 403	1,974 (P) 546 166 (P)	344 (P) 102 20 (P)	6.3
Japan Petroleum Manufacturing Wholesale trade Other	$^{-9}_{-215}$	837 -9 -239 590 495	600 -10 -179 427 362	237 (*) -60 164 133	23 (*) 2 10 11	195 (*) 26 36 134	271 (*) 27 106 138	75 0 1 70 4	4.4 (2) -6.8 4.8 8.6	1,178 -3 202 601 378	925 4 166 584 178	-4 172 557	30 0 -5 27 9	(*) 2 6	268 (*) 37 23 208	334 (*) 38 82 214	66 0 (*) 59 6	4.6 4.2
Other Petroleum Manufacturing Wholesale trade Other	$ \begin{array}{r} -1,722\\ 50\\ -1,727\\ 78\\ -123 \end{array} $	-2,066 -11 -1,781 (P) (P)	-553 -5 -383 49 -214	-1,514 -5 -1,398 (^D)	14 (*) 7 (^D) (^D)	359 60 61 33 204	475 61 91 70 252	116 (*) 30 37 48	$ \begin{array}{r} 3.9 \\ -27.3 \\ 3.6 \end{array} $	$\begin{array}{r} -287 \\ 50 \\ -64 \\ 119 \\ -391 \end{array}$	-565 36 -177 135 -559	36 33 (P)	-217 0 -211 (^D)	(*) 8 3	296 14 121 -14 175	413 14 125 47 228	(*) 3 62	3.7 9 5.3

^{*} Less than \$500,000 (±).

Description Suppressed to avoid disclosure of data of individual companies.

Income divided by the average of the beginning- and end-of-year investment position.

Rate of return is not defined because the average position for the year is negative.

Table 8.—Foreign Direct Investment in the United States: Royalties and License Fees and Charges for Other Services [Millions of dollars]

			19	86					19	87		
	Royalti	es and lice	nse fees	Charges	for other s	ervices 1	Royalti	es and lice	nse fees	Charges	for other s	ervices 1
	Net	U.S. affili- ates' pay- ments	U.S. affili- ates' receipts	Net	U.S. affili- ates' pay- ments	U.S. affili- ates' receipts	Net	U.S. affili- ates' pay- ments	U.S. affili- ates' receipts	Net	U.S. affili- ates' pay- ments	U.S. affili- ates' receipts
All areas Petroleum Manufacturing Wholesale trade Other	323 218	773 14 452 244 62	171 6 130 27 8	-1,284 -70 -60 -436 -719	1,524 107 670 183 564	2,808 177 730 619 1,283	774 17 412 275 70	995 18 567 321 89	221 1 155 46 19	-866 -146 206 -313 -612	1,928 67 782 178 902	2,794 213 576 491 1,514
Canada Petroleum Manufacturing Wholesale trade Other	-2 1	9 (P) (*) 1 (P)	3 0 2 (*) 1	-48 -13 -87 26 25	441 22 162 47 210	490 35 249 22 184	7 (P) (P) (P) (P)	16 (^D) (*) 2 (^D)	9 0 (P) (P) 1	140 -14 32 (P)	574 20 115 59 380	434 35 82 (P) (P)
Europe	(P) 300	558 (⁰) 399 97 (³)	133 6 99 23 4	-144 -62 -45 -48 10	754 62 385 96 211	898 124 429 144 201	559 (P) 394 97 (P)	718 (^D) 500 136 (^D)	159 1 106 38 14	-208 -128 -66 -126 -20	949 35 495 51 368	1,157 163 430 176 388
Of which: Netherlands Petroleum Manufacturing. Wholesale trade Other	~22 (°)	15 0 11 4 (*)	50 0 33 (P) (P)	16 (P) 30 1 (P)	77 (P) 48 2 (P)	61 (^b) 18 1 (^p)	-2 0 28 (P) (P)	36 0 30 6	38 0 2 (P)	30 (^b) 39 3 (^p)	85 4 48 3 29	55 (P) 9 1 (P)
United Kingdom Petroleum Manufacturing Wholesale trade Other	63	124 5 85 11 23	26 0 22 3 (*)	-12 -6 -8 (^D)	227 39 95 (P) (P)	238 45 103 (P) (P)	102 (P) 55 6 (P)	159 (P) 103 11 (P)	57 0 48 5 5	-114 (P) -19 -18 (D)	289 (P) 130 23 (P)	403 (P) 149 40 (P)
Japan Petroleum Manufacturing Wholesale trade Other	0 43	174 0 46 125 3	6 0 3 3 0	-423 (*) 56 -338 -145	119 1 79 16 23	541 1 23 350 168	219 (*) 49 165 5	235 (*) 59 171 5	16 0 9 6	-237 (*) 109 -199 -147	197 1 131 40 25	433 1 21 239 172
Other	0 19	32 0 6 22 4	29 0 25 (*)	-669 4 15 -80 -609	210 22 44 24 121	879 18 28 103 730	-10 0 (P) (P) 2	26 0 8 12 6	37 0 (^D) (^D) 4	-562 -4 -1 (D) (P)	208 11 41 29 128	770 15 42 (P)

^{*} Less than \$500,000 (±).

of rentals for the use of tangible property were \$71 million, and payments of film and television tape rentals were \$2 million; U.S. affiliates' receipts were \$2,663 million, \$129 million, and \$2 million, respectively.

Table 9.—Foreign Direct Investment in the United States: Position and Balance of Payments Flows, 1980-87

[Millions of dollars]

	1980	1981	1982	1983	1984	1985	1986	1987
Direct investment position	83,046	108,714	124,677	137,061	164,583	184,615	220,414	261,927
Capital inflows (outflows(—)). Equity capital Reinvested earnings Intercompany debt.	9,027 5,177	25,195 14,795 2,945 7,455	13,792 9,723 2,379 6,448	11,946 8,699 89 3,159	25,359 15,044 2,896 7,418	19,022 15,214 1,378 5,186	34,091 25,086 — 2,293 11,298	41,977 25,477 2,537 13,962
Income	8,635	6,898	3,155	5,598	9,229	6,079	5,379	10,504
Royalties and license fees, net payments	378	413	325	405	597	466	602	774
Charges for other services, net payments 1	50	-52	-403	-471	-478	-696	-1,284	-866

^{1.} Consists of service charges, rentals for the use of tangible property, and film and television tape rentals.

Suppressed to avoid disclosure of data of individual companies.
 Consists of service charges, rentals for the use of tangible property, and film and television tape rentals. In 1987, U.S. affiliates' payments of service charges were \$1,855 million, payments

SURVEY OF CURRENT BUSINESS

Table 10.—Foreign Direct Investment Position in the United States, 1986

[Millions of dollars]

	-					Manufa	cturing									
	All indus- tries	Mining	Petro- leum	Total	Food and kindred products	Chemicals and allied products	Pri- mary and fabri- cated metals	Machin- ery	Other manu- facturing	Whole- sale	Retail trade	Banking	Finance, except banking	Insur- ance	Real estate	Other industries
All countries	220,414	5,080	29,094	71,963	12,147	22,954	7,282	11,547	18,033	33,997	8,923	12,394	7,239	15,345	22,512	13,868
Canada	20,318	935	1,432	6,108	355	268	2,381	1,621	1,482	1,496	1,335	1,366	448	2,469	3,320	1,410
Europe	144,181	1,432	26,139	56,016	11,289	20,509	2,712	9,107	12,399	16,430	6,453	5,762	4,257	11,768	9,821	6,103
European Communities (12) Belgium France Germany Italy Luxembourg Netherlands United Kingdom Other EC Other Europe Sweden Switzerland Other	2,487 7,709 17,250 1,323 263 40,717 55,935 1,536 16,961	1,373 (P) (P) 257 (P) 267 375 0 60 (P) (P)	25,892 (P) (45 (P) (P) (P) 11,758 (P) 248 335 39 -126	45,434 527 7,195 7,426 215 38 13,293 16,500 238 10,582 2,696 7,520 366	8,328 (P) 372 36 (P) (P) 4,890 2,899 (P) 2,961 -1 (P)	17,980 362 4,287 3,961 3 0 3,457 5,906 4 2,529 319 2,137 73	2,191 (P) 652 161 (P) 493 782 (P) 521 232 (P) (P)	6,392 -33 242 2,035 58 3 1,732 2,338 19 2,716 1,741 941	10,543 38 1,643 1,232 130 17 2,722 4,575 186 1,856 405 1,401 50	14,512 228 404 4,985 154 68 2,621 5,676 376 1,918 845 852 221	6,369 135 201 971 -2 (P) 1,601 3,413 (P) 83 2 76 5	5,622 122 479 329 354 6 1,661 2,156 516 140 (P) (P)	3,391 -1 -1,387 80 (P) 101 2,181 2,377 (P) 866 -182 897 151	9,989 0 114 1,553 (P) 0 2,654 5,630 (P) 1,778 151 1,558 69	9,224 9 57 1,133 (P) 21 2,614 5,211 (P) 597 1 456 140	5,415 84 491 472 (*) 29 (P) 2,840 (P) 688 88 554 46
Japan	26,824	(P)	-34	3,578	158	279	471	1,052	1,618	13,687	290	2,704	2,087	(D)	2,941	1,306
Australia, New Zealand, and South Africa	5,634	(P)	(P)	1,800	144	10	591	12	1,042	110	(^D)	62	(P)	27	235	276
Latin America	16,763	222	889	3,643	64	1,854	894	-341	1,172	1,890	570	1,587	430	929	4,786	1,817
South and Central America	2,202 1,988 12,573 2,002 9,685 560	0 0 222 (P) -4 -3 (P)	353 (P) (P) 536 215 334 (P) (P)	552 596 44 3,091 413 2,258 390 30	13 6 8 51 (P) (P) (*)	128 (P) (P) 1,726 (P) 1,614 (P) (P)	(P) (P) 3 (P) 104 (P) 6	(P) -5 (P) (P) 3 (P) 24 (P)	8 (*) 8 1,163 120 838 207 -1	180 110 70 1,710 588 994 101 28	70 56 14 500 (P) 409 71 (P)	1,551 (P) (P) 36 0 222 14 0	2 (P) 428 (P) 312 -293 (P)	(P) (P) (P) (P) 18 (P) 0	327 195 132 4,459 145 3,915 314 85	(P) 10 (P) (P) 84 1,425 (P) 44
Middle East Israel Other	4,870 567 4,303	0 0	(P) 0 (P)	168 (D) (D)	(P) (P) 0	-1 0 -1	(P) 0 (P)	9 2 8	59 (P) (P)	133 (P) (P)	(P) 0 (P)	572 375 198	184 (^D) (^D)	0 0	954 1 952	(b) 2 (b)
Other Africa, Asia, and Pacific	1,823	-1	(D)	650	(D)	35	(P)	86	260	250	138	340	(D)	(D)	456	(D)
Addendum—OPEC 1	4,787	0	(P)	84	(P)	-3	(P)	(P)	-1	149	4	332	(*)	0	: 933	(P)

Table 11.—Foreign Direct Investment Position in the United States, 1987

[Millions of dollars]

					[2,21											
						Manufa	cturing									
	All indus- tries	Mining	Petro- leum	Total	Food and kindred products	Chemicals and allied products	Pri- mary and fabri- cated metals	Machin- ery	Other manu- facturing	Whole- sale	Retail trade	Banking	Finance, except banking	Insur- ance	Real estate	Other industries
All countries	261,927	5,619	35,395	91,025	16,004	30,442	8,199	15,157	21,223	37,580	9,546	13,848	7,982	15,951	24,478	20,502
Canada	21,732	808	1,433	7,478	430	399	2,555	1,876	2,218	2,393	1,181	1,388	467	1,606	3,360	1,617
Europe	177,963	1,614	32,787	70,598	13,890	27,637	3,453	11,520	14,097	18,391	7,215	6,294	5,916	13,101	10,709	11,339
European Communities (12) Belgium France Germany Italy Luxembourg Netherlands United Kingdom. Other EU. Other Europe Sweden Switzerland Other	2,598 10,195 19,637 1,230 154 47,048 74,941	1,555 (P) 270 (P) 343 429 60 (P) (P)	32,237 (P) (P) 29 (P) (P) (P) (P) 550 351 143 56	58,832 669 8,907 9,002 246 50 16,120 23,510 330 11,765 3,016 8,321 428	(P) (P) 3822 38 14 7,47 5,492 4,156 33 (P) -2 (P)	24,732 480 4,457 4,664 1 0 6,045 9,077 8 2,905 378 2,445 82	(P) (P) 795 255 9 19 533 1,155 (*) (P) 175 (P)	8,571 -33 1,369 1,923 60 3 1,498 3,736 15 2,949 1,904 1,011	12,469 49 1,904 2,121 162 20 2,551 5,386 275 1,628 561 1,024	15,483 264 324 4,955 180 54 2,205 6,958 543 2,908 1,142 1,530 236	7,194 146 311 1,017 -4 (P) 1,803 3,879 (P) 21 2 13 6	6,147 9 468 355 301 6 2,500 1,948 560 1477 (°)	4,626 (P) -718 649 28 -29 2,609 (P) (P) 1,290 -167 1,352 105	10,953 0 124 1,620 (P) 0 3,105 6,061 (P) 2,148 (P) 1,857 (P)	10,183 13 57 1,115 (P) 17 3,305 5,506 (P) 526 7 389 129	10,501 -10 577 625 4 48 (P) 7,280 (P) 838 92 661 85
Japan	33,361	(D)	30	5,232	164	534	577	1,521	2,436	14,667	320	3,402	2,643	(D)	4,431	2,367
Australia, New Zealand, and South Africa	6,634	(b)	96	3,115	(D)	32	(p)	. 8	1,014	158	70	23	110	(D)	329	377
Latin America	15,287	744	687	3,666	24	1,718	569	197	1,159	1,728	664	1,793	-1,159	1,067	4,186	1,913
South and Central America Panama Other Other Other Western Hemisphere Bermuda Netherlands Antilles U.K. Islands, Caribbean Other	4,237 2,223 2,014 11,050 2,188 8,895 -275 242	0 0 744 (P) 1 (P) (P)	225 (P) (P) 462 63 321 (P) (P)	441 524 -83 3,225 438 2,315 434 39	17 (P) 7 (P) 2 0	218 (P) (P) 1,500 -3 1,402 (P) (P)	(P) 4 (P) (P) 30 (P) 6	(P) -8 (P) (P) (P) 51 (P)	19 24 -4 1,139 306 583 250	213 113 101 1,514 728 637 123 26	60 62 -2 604 (P) 477 64 (P)	1,733 (P) (P) 60 0 (P) (P)	4 -7 11 -1,163 (P) 272 -1,820 (P)	(P) (P) (P) (P) (P) (P) 1	246 119 127 3,940 229 3,313 381 17	(P) 16 (P) (P) 90 1,504 (P) 29
Middle East Israel Other	5,050 518 4,532	0 0 0	(P) 0 (P)	250 (D) (D)	(B) (D) 0	5 2 2	(P) (D)	15 2 13	45 (P) (D)	75 (P) (P)	4 0 4	582 407 175	188 (^b) (^b)	0 0	865 1 864	(P) -8 (P)
Other Africa, Asia, and Pacific	1,900	-2	(b)	687	(D)	116	(P)	20	254	168	92	367	-184	9	598	(D)
Addendum-OPEC 1	4,981	0	(D)	164	(D)	-2	(P)	-27	-1	146	4	365	9	0	833	(D)

dor, Gabon, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, the United Arab Emirates, and Venezuela.

^{*} Less than \$500,000 (±).

Description Suppressed to avoid disclosure of data of individual companies.

OPEC is the Organization of Petroleum Exporting Countries. Its members are Algeria, Ecua-

Table 12.—Foreign Direct Investment in the United States: Capital Inflows, 1986

[Millions of dollars; outflows (-)]

						Manufa	cturing									
	All indus- tries	Mining	Petro- leum	Total	Food and kindred products	Chemicals and allied products	Pri- mary and fabri- cated metals	Machin- ery	Other manu- facturing	Whole- sale	Retail trade	Banking	Finance, except banking	Insur- ance	Real estate	Other indus- tries
All countries	34,091	962	662	11,865	1,337	4,106	448	1,695	4,278	4,679	1,759	1,757	1,896	3,702	3,099	3,710
Canada	2,547	-17	-137	1,239	130	123	309	412	264	-115	613	143	140	49	550	362
Europe	21,730	194	272	9,351	1,036	3,934	80	2,091	2,211	2,688	1,193	771	838	3,439	802	2,181
European Communities (12) Belgium France Germany Italy Luxembourg Netherlands United Kingdom Other EC Other Europe Sweden Switzerland Other	1,017 1,982 114 -45 4,374	183 (P) (P) 8 (P) 46 134 0 111 (P) (P)	399 (P) (P) (P) (P) (P) (P) (P) (P) (P) (P)	7,414 119 1,487 1,073 143 -6 -103 4,659 42 1,937 1,429 544 -36	797 (P) 244 5 (P) (P) (P) 166 (P) 239 (P) (P) (P)	3,829 (P) 1,315 278 (P) 0 -118 2,198 -4 105 (P) -39	37 (P) 27 -41 (P) (P) (P) 18 (P) 43 25 (P)	849 -51 17 651 45 (*) -183 371 (*) 1,241 1,080 194 -33	1,902 1 104 181 83 2 - 402 1,906 28 309 172 149 -12	2,542 -12 -42 546 -37 -22 467 1,585 56 147 25 159 -37	1,202 15 62 94 (P) 426 605 (P) -9 (*) -1 -8	793 (P) 10 110 50 58 430 109 -22 (P) (P)	699 (P) -627 (P) 7 537 604 (P) 139 -136 238 38	3,124 (P) 18 -133 (P) 0 1,608 1,628 (P) 316 (P) 279 (P)	787 (*) 34 34 (*) -3 257 474 (*) 15 1 10 3	1,952 107 106 21 -1 3 (P) 1,220 (P) 229 30 203 -5
Japan	7,268	(P)	65	938	-1	16	-6	326	603	1,775	38	544	1,926	(^D)	1,315	658
Australia, New Zealand, and South Africa	2,719	(P)	(D)	1,180	137	17	3	4	1,021	-55	(D)	-4	(P)	(P)	113	185
Latin America	-332	(*)	362	-1,409	9	29	-130	-1,347	87	142	-166	299	-569	183	72	755
South and Central America Panama Other Other Western Hemisphere Bermuda Netherlands Antilles U.K. Islands, Caribbean Other	826 57 769 -1,157 19 -750 -554 127	0 0 0 (*) (P) -22 (*) (P)	325 (P) (P) 37 74 -22 (P) (P)	-112 -94 -18 -1,297 -487 -1,118 296 11	2 1 1 7 (P) (P) (P) 0	-45 (P) (P) 16 (P) -21 (P) (P)	(P)	(P) -4 (P) (P) -1 (P) 2 (P)	-2 1 -3 89 (^D) 354 (^D) 2	26 34 -8 116 (P) -4 -114 (D)	-3 -1 -3 -163 (^p) -201 40 (^p)	360 (P) (P) (P) (-61 (*) (-60 (-1 (*)	-1 (P) (P) -568 (P) -147 -554 (P)	(P) 8 (P) 6 (P) 6 (P) 0	-26 -32 6 98 100 132 -171 37	(P) -7 (P) (P) -14 698 (P) 25
Middle East	-68 49 117	0 0	(D) (D)	56 (P) (P)	(P) (P) (P)	(*) 0 (*)	(P) (P) (P)	(*) 1	-2 (D) (D)	44 (P) (P)	(P) (P)	32 21 10	-2 (P) (P)	0 0	248 0 248	(P) 5 (P)
Other Africa, Asia, and Pacific	228	(P)	(D)	509	(D)	46	(P)	209	95	200	-20	-27	(P)	(D)	1	(P)
Addendum—OPEC 1	294	0	(P)	64	(D)	(*)	(P)	(P)	1	12	(P)	-13	-2	0	240	(P)

Table 13.—Foreign Direct Investment in the United States: Capital Inflows, 1987

[Millions of dollars; outflows (-)]

	Ĭ					Manufa	acturing									
	All indus- tries	Mining	Petro- leum	Total	Food and kindred products	Chemicals and allied products	Pri- mary and fabri- cated metals	Machin- ery	Other manu- facturing	Whole- sale	Retail trade	Banking	Finance, except banking	Insur- ance	Real estate	Other indus- tries
All countries	41,977	484	6,410	20,443	3,832	8,567	959	3,594	3,491	3,549	539	858	730	569	1,714	6,682
Canada	959	-136	-26	988	45	131	170	106	536	890	-154	21	9	-863	22	207
Europe	34,974	138	6,801	16,449	2,662	8,209	740	2,578	2,260	2,020	576	324	1,608	1,303	490	5,264
European Communities (12) Belgium France Germany Italy Luxembourg Netherlands United Kingdom Other EC Other Europe Sweden Switzerland Other	88 2,551 2,403 -364 -128 7,871 18,562 369 3,622	137 (P) (P) 13 (P) 76 53 (*) (P) (P)	6,499 (P) (P) (P) (P) (P) (P) (P) 303 17 104 182	15,027 147 1,691 1,623 -3 12 4,355 7,108 95 1,423 330 1,021 72	(P) (P) 10 2 (P) (P) 638 1,297 (P) (P) (*) (P)	7,839 119 170 703 (*) 0 3,643 3,200 4 370 58 293 19	(P) (P) 143 94 (P) (P) 41 361 (P) (P) -47 (P)	2,320 5 1,128 -108 1 1 -123 1,416 -1 258 163 95 1	2,262 11 240 930 -2 4 156 834 90 -2 156 -152 -6	979 39 -2 -63 18 -9 -354 1,183 167 1,042 296 690 55	633 23 113 53 -2 (P) 198 256 (P) -57 (*) -63	316 -113 -11 -11 -278 (*) 853 -206 40 7 (P) (P)	1,184 (P) 672 569 (P) -130 382 (P) (P) 424 15 455 -46	946 0 11 77 (P) 0 429 426 (P) 357 (P) 299 (P)	580 (*) -18 (P) -4 649 -44 (P) -89 6 -67 -29	5,053 -93 87 134 1 7 (P) 4,404 (P) 212 3 170 38
Japan	6,181	(P)	64	1,639	6	252	106	457	818	931	26	378	589	(P)	1,490	1,060
Australia, New Zealand, and South Africa	996	(D)	(D)	1,293	(P)	22	(D)	-4	-51	47	(P)	-39	(P)	(P)	50	128
Latin America	-1,453	522	-196	-58	-97	-134	-279	517	-66	-175	79	136	-1,566	129	-413	89
South and Central America Panama Other Other Western Hemisphere Bermuda Netherlands Antilles U.K. Islands, Caribbean Other	$\begin{array}{r} -29 \\ -34 \\ 5 \\ -1,423 \\ 40 \\ -482 \\ -880 \\ -102 \end{array}$	0 0 522 (P) 5 (P) (P)	-129 (P) (P) -67 -148 -9 (P) (P)	-110 -81 -30 52 -147 168 23 7	(P) (P) (-100 (P) (P) (P) 2	90 (P) (P) -224 (P) -210 (D) (P)	(P) (P) 1 (P) (P) (P) (P) (P) (*)	(P) -4 (P) (P) (P) (P) 6 (P)	11 15 -4 -77 24 -145 43	26 -5 31 -201 135 -357 23 -2	-27 6 -33 106 (P) 69 -8 (P)	168 (P) (P) -31 0 (P) (P)	(P) (P) (P) (P) (P) (P) (P) (P)	(P)	-112 -107 -5 -301 84 -346 44 -83	(P) 9 (P) (P) 10 67 (P) -14
Middle East	193 57 250	9 0 0	(D) (D)	86 (D) (D)	(P) (P) 0	6 2 4	(D) (D)	6 1 5	-11 (P) (P)	-58 (D) (D)	(P) (O) (P)	7 29 -22	(*) (P) (P)	0 0 0	-72 0 -72	(°) -10 (°)
Other Africa, Asia, and Pacific	128	(*)	(^D)	47	(D)	81	(D)	-66	4	-108	15	30	(D)	<u>(</u> P),	147	(D)
Addendum—OPEC 1	212	0	(P)	80	(D)	1	(D)	(D)	(*)	-3	(*)	30	9	. 0	-80	(P)

^{*} Less than \$500,000 (±).

Description Suppressed to avoid disclosure of data of individual companies.

See footnote 1, tables 10 and 11.

SURVEY OF CURRENT BUSINESS

Table 14.—Foreign Direct Investment in the United States: Equity Capital Inflows, 1986

[Millions of dollars; outflows (-)]

						Manufa	cturing						···········			
	All indus- tries	Mining	Petro- leum	Total	Food and kindred products	Chemi- cals and allied products	Pri- mary and fabri- cated metals	Machin- ery	Other manu- facturing	Whole- sale	Retail trade	Banking	Finance, except banking	Insur- ance	Real estate	Other indus- tries
All countries	25,086	555	1,226	9,488	251	3,019	532	3,513	2,173	1,914	1,056	1,122	2,687	1,227	3,028	2,784
Canada	1,803	(P)	(P)	271	11	(P)	143	37	. (Ф)	209	(D)	98	-39	56	503	197
Europe	15,468	115	975	7,373	62	2,953	172	2,502	1,686	1,285	287	366	1,302	1,089	1,324	1,350
European Communities (12) Belgium France Germany Italy Luxembourg Netherlands United Kingdom Other EC Other Europe Sweden Switzerland Other	306 1,684 2,959 499 4 2,913 5,088 206 1,809	115 5 (P) 2 0 0 (*) (P) 0 0 0 0	754 (P) (P) 300 300 0 26 311 0 221 (P) 0 (P)	6,131 (P) 1,456 2,339 184 0 289 1,713 (P) 1,242 899 341 3	62 0 0 (P) 3 0 -27 (P) 0 0 0	2,798 (P) (P) 936 0 (P) (P) 0 154 (P) (P) (P)	50 0 1 (P) 0 2 12 0 122 (P) 0	1,683 0 (P) 1,206 (P) 0 (P) 270 0 819 (P) (P) (P)	1,538 0 118 170 (P) 0 (P) 1,098 0 148 1 144 3	1,196 0 (P) 83 (P) 0 188 701 110 89 (P) (P) (P)	287 0 (P) 0 0 0 (P) (P) 0 0 0 0 0 0	347 (P) 14 157 9 2 (P) 76 68 19 (P) 8 (P)	1,252 4 (P) 0 0 (P) 171 0 50 -5 (P)	1,079 0 (*) 0 0 0 0 (P) 341 10 (P) 0	1,293 (P) (P) 92 90 0 208 975 0 31 3 25 3	1,205 27 128 (P) (P) 1 472 547 (P) 146 (P) (P) 5
Japan	3,837	(D)	19	883	4	37	25	331	486	240	71	316	1,357	(D)	725	140
Australia, New Zealand, and South Africa	1,357	(P)	(D)	487	(P)	(P)	40	2	(P)	(P)	(P)	3	, (P)	(P)	80	(P)
Latin America	1,936	0	(D)	132	(P)	(D)	(p)	(P)	-370	61	(P)	303	(P)	59	213	875
South and Central America Panama Other Other Other Mestern Hemisphere Bermuda Netherlands Antilles U.K. Islands, Caribbean Other	77 543 1,316 (P) 1,572 134	0 0 0 0 0 0	(b) 0 (c) -6 2 -8 0	0 0 132 (P) (P) 150	0 0 0 (P) 0 2 (P) 0	0 0 0 (P) 0 (P) 0	0 0 0 (P) -5 (P) (P)	0 0 0 (P) 0 (P)	_370	(P) 2 (P) (P) 36 (P) 0 (*)	0 0 0 (P) 0 (P) 45	(P) (P) 292 (P) 0 (P) 0	0 0 0 (P) (*) (P)	59 59 0 0 0 0	20 (P) 193 (P) 216 -49 (P)	46 -4 50 830 (^b) 851 (^p) 0
Middle East Israel Other	350 37 313	0 0 0	0 0 0	(^D) 31 (^D)	0 0 0	0 0	(P) 0 (P)	(*) (*)	31 31 0	(P) 0 (P)	0 0 0	31 4 27	1 1 0	0 0	155 0 155	(P) 0 (P)
Other Africa, Asia, and Pacific	335	0	(P)	(D)	39	0	(P)	(P)	(P)	10	(P)	4	(*)	0	27	8
AddendumOPEC 1	489	0	(P)	(P)	0	0	(P)	(*)	0	76	0	12	0	0	155	(P)

Table 15.—Foreign Direct Investment in the United States: Equity Capital Inflows, 1987

[Millions of dollars; outflows (-)]

					[MIIIIOIIS U	uonais, o	driiows (一月								
						Manufa	cturing									
	All indus- tries	Mining	Petro- leum	Total	Food and kindred products	Chemicals and allied products	Pri- mary and fabri- cated metals	Machin- ery	Other manu- facturing	Whole- sale	Retail trade	Banking	Finance, except banking	Insur- ance	Real estate	Other indus- tries
All countries	25,477	270	447	13,210	1,803	4,820	930	3,051	2,606	224	344	1,869	2,044	-388	2,075	5,383
Canada	635	(D)	7	708	(P)	(P)	(P)	30	159	326	60	135	-1	-637	247	(D)
Europe	16,280	-11	-20	9,176	611	4,705	324	1,930	1,606	-450	234	1,220	1,084	246	763	4,039
European Communities (12) Belgium France Germany Italy Luxembourg Netherlands United Kingdom Other EC Other Europe Sweden Switzerland Other	47 1,841 1,985 -234 12 3,521 7,739 108	-12 0 0 0 (P) 0 0 (P) 0 1 1 1 0 0	-24 0 1 0 0 0 -32 7 0 4 0 4 0	8,529 (P) 1,594 1,283 46 9 2,248 3,343 (P) 647 (P) 567 (P)	(P) 0 0 188 (P) (P) (P) 0 (P) 0 (P) 6	4,552 (P) 907 222 0 (P) 1,502 0 (P) (P) (P)	(P) 0 255 200 0 (P) -1 (P) 0 (P) (P) (P) 0	1,888 0 592 212 (P) 0 (P) 1,013 0 43 5 38	1,584 (P) 71 811 (*) 0 67 615 (P) 28 5	-507 0 2 41 0 -1 -761 205 6 58 (P) (P) 0	(P) 0 (P) -1 0 0 (P) 242 5 (P) 0 (P) 0	1,185 (P) 33 66 (P) (P) 1,171 124 26 35 0 (P)	(P) 0 (P) 0 0 0 (P) 135 0 (P) 0 (P) 2	79 0 0 0 0 0 0 (P) 0 167 (P) 0	750 4 0 29 2 1 369 345 0 13 0 4	3,792 0 40 59 (P) 420 3,210 (P) 247 0 (P)
Japan	4,340	0	91	993	0	35	101	164	693	318	23	298	870	0	960	787
Australia, New Zealand, and South Africa	1,575	(D)	21	1,391	. (P)	(P)	(D)	0	121	(D)	0	-27	(P)	4	(D)	98
Latin America	1,853	(D)	(D)	830	(a)	0	8	(p)	7	-3	27	131	39	0	88	184
South and Central America	78 64 1,711 -26 1,100	0 0 0 (P) 0 0 (P)	0 0 0 0 0 0 0 0 0 0 0	(P)	0 0 0 (P) (P) 0 0	0 0 0 0 0 0	1 0 7 (P) 0 0 (P)	4 4 0 (P) 0 (P) 0	(P) (P) (P) (P) (P) (P) (P) (P)	-4 -5 (*) 1 0 -2 3	(P)	127 (P) (P) 4 0 2 2	(P) 2 (P) (P) (P) 3 0 0	0 0 0 0 0	-1 -1 0 89 (P) 23 57 (P)	18 (P) (P) 166 -6 157 3 11
Middle East	1 5	0 0	(P) 0 (P)	(P) 0 (P)	0 0	0 0	(P) (P)	2 0 2	0 0	0 0	0 0	24 5 19	0 0 0	0 0	9 0 9	(P) (B)
Other Africa, Asia, and Pacific	175	0	0	(^D)	(b)	. 0	0	(P)	20	(P)	0	87	(P)	0	(P)	-1
Addendum—OPEC 1	655	0	(P)	(P)	0	0	(P)	2	0	0	0	62	0	0	9	(P)

^{*} Less than \$500,000 (\pm). Duppressed to avoid disclosure of data of individual companies. 1. See footnote 1, tables 10 and 11.

Table 16.—Foreign Direct Investment in the United States: Reinvested Earnings, 1986

[Millions of dollars]

						Manufa	cturing									
	All indus- tries	Mining	Petro- leum	Total	Food and kindred products	Chemicals and allied products	Pri- mary and fabri- cated metals	Machin- ery	Other manu- facturing	Whole- sale	Retail trade	Banking	Finance, except banking	Insur- ance	Real estate	Other indus- tries
All countries	-2,293	-170	-1,114	1,897	465	-38	-201	-2,470	347	394	193	350	91	1,301	-669	-772
Canada	-675	-55	-310	371	. 26	31	22	127	164	-586	-45	32	39	23	-67	-76
Europe	711	-133	-779	-114	457	86	-46	-654	214	455	235	260	64	1,145	-282	-140
European Communities (12) Beigium France Germany Italy Luxembourg Netherlands United Kingdom Other EC Other Europe Sweden Switzerland Other	-169 -111 -382 -61 -8 779 554 -18 123 106	-135 (*) -5 5 2 -1 -51 -85 0 3 1 2 0	-595 (P) (P) -22 -38 -2 625 -1,045 7 -183 (P) (*)	-75 -31 -580 -68 -7 126 422 10 -39 44 -94	(P) 3 (P) -2 (*) -2 325 72 1 (P) (P)	-74 -40 -17 -170 0 -81 184 (*) -12 13 -36	86 3 54 -10 -14 -7 7 56 -3 -132 (P) (*)	-657 (*) -24 -321 -22 (*) -167 -123 1 3 26 -12 -11	(P) 3 (P) -77 -82 2 2 -77 233 11 (P) 60 -13 (P)	361 18 -62 305 8 87 96 -95 94 37 666 -9	238 15 (P) 116 -2 (*) 28 (P) 2 -4 (*) 4 -8	298 (P) 5 -47 40 (P) 147 164 42 -38 7 -39 -7	64 7 31 130 8 2 109 207 2 128 (P) 142	960 0 15 47 5 0 187 708 -2 184 17 150	-261 (*) -2 -40 -7 -8 -184 -75 (*) -20 -2 -4 -14	-139 -5 -52 -36 -4 (P) -126 (P) 22 -1 -6 13 -8
Japan	110	-1	-10	259	8	-14	-70	-70	97	493	-17	98	-57	11	-108	-39
Australia, New Zealand, and South Africa	-30	(^D)	(P)	16	(*)	(*)	-31	(*)	46	-8	2	-7	1	(D)	(D)	-4
Latin America	-1,920	(^D)	14	-1,877	-5	37	(P)	. (^D)	47	32	5	-4	41	(P)	-225	-59
South and Central America Panama Other Other Mestern Hemisphere Bermuda Netherlands Antilles U.K. Islands, Caribbean Other	94 60 -2,075 147	(P) (P) (P) (-1 (*) (*)	(P) 1 (P) (P) (P) -35 (P) 8	-64 -46 -18 -1,814 -6 -1,778 -33	2 1 1 -6 -3 -2 -1	(P) (P) (P) (P) (P) (P) 3	(P) (P) (P) (P) (P) (P) (O)	-13 -3 -9 (P) (*) (*) 2 (*)	1 0 46 -10 56 (*)	7 -4 11 25 19 3 1	2 2 (*) 2 -5 6 -1 2	(P) (P) 255 (P) (*) (P) -1 0	-1 -2 1 42 -1 (P) (P)	(P) (P) (P) -3 2 (*) -4 0	-33 -29 -4 -192 (P) -220 -68 (P)	$\begin{array}{c c} & 6 \\ -2 \\ 9 \\ -65 \\ & 1 \\ -71 \\ 4 \\ 1 \end{array}$
Middle East	-415 4 -419	0 0	(P) 0 (P)	-4 (P) (P)	(*)	(*) 0 (*)	(P) 0 (P)	(*) (*)	(D) (D) (D)	3 1 2	0 0 0	1 17 -17	5 5 (*)	0 0	21 0 21	(D) (D) (D)
Other Africa, Asia, and Pacific	-74	. (*)	(D)	-29	-6	-5	-6	(P)	(D)	6	14	-29	-2	1	(D)	(D)
Addendum—OPEC 1	-374	0	(P)	(P)	1	(*)	(p)	(*)	0	2	0	-25	(*)	0	13	(D)

Table 17.—Foreign Direct Investment in the United States: Reinvested Earnings, 1987

[Millions of dollars]

						Manufa	cturing									
	All indus- tries	Mining	Petro- leum	Total	Food and kindred products	Chemicals and allied products	Pri- mary and fabri- cated metals	Machin- ery	Other manu- facturing	Whole- sale	Retail trade	Banking	Finance, except banking	Insur- ance	Real estate	Other indus- tries
All countries	2,537	59	1,378	2,146	475	1,181	101	-510	899	1,450	-124	-1,216	-37	575	-1,186	-507
Canada	-95	33	-57	183	29	22	-40	-75	247	631	-323	-114	16	-264	-185	-16
Europe	3,426	1	1,406	2,149	475	1,111	253	186	495	181	189	-813	94	703	-435	-48
European Communities (12) Belgium France Germany Italy Luxembourg Netherlands United Kingdom Other EC Other Europe Sweden Switzerland Other	1,893 175 819	-3 3 -6 6 2 -2 -12 6 0 4 -1 4 0	1,400 (b) -5 -12 -13 -1 (p) 335 (p) 6 15 -1 -8	1,662 129 52 26 -47 3 211 1,209 78 487 188 254 45	389 -3 (*) -4 -3 -3 328 71 2 86 (P) 74 (P)	902 119 -181 199 0 0 185 578 2 208 21 163 24	230 6 (P) 222 -5 1 39 55 (P) 23 -3 13 13	-284 1 -20 -316 -27 1 -78 155 1 99 108 (*) -10	425 5 (P) 126 -11 4 -262 -348 (P) 70 (P) 3 (P)	81 16 -351 -2 9 97 238 80 100 75 27 -3	234 (P) 4 52 -2 (*) 21 150 (P) -45 (*) -50 5	-756 (P) -43 -34 -5 -22 (P) -284 14 -57 3 -34 -26	-60 (*) -94 -9 2 1 20 21 -2 155 (P) 164 (V)	498 0 111 89 5 0 33 362 -11 204 (P) 145 (P)	-402 -1 -3 -34 -9 -4 -166 -184 (*) -33 -2 -8 -24	-48 -11 -16 -8 (*) 3 -65 40 10 -1 -1 -5
Japan	153	5	_4	145	3	39	-18	44	77	528	-7	-213	-57	8	-199	-51
Australia, New Zealand, and South Africa	28	(P)	-8	17	(^D)	(P)	50	-3	-29	2	8	-12	6	(D)	2	(D)
Latin America	-606	(P)	29	-378	-14	(P)	-170	(D)	102	107	-12	6	-107	(D)	-335	-84
South and Central America Panama Other Other Other Hemisphere Bermuda Netherlands Antilles U.K. Islands, Caribbean Other	-34 50 -622 229 -762 -121	(*)	(P) (P) (P) (P) 11 (P) (P)	-203 -181 -21 -175 55 -251 16	2 1 1 -16 -10 -2 -4 0	(P) (P) 0 -13 0 -18 (*) 5	(P) (P) (P) (P) (P) (P) (P) (P) (P) (P)	-27 (P) (P) (P) (*) (*)	-16 -16 0 117 57 48 17 (*)	2 5 -3 105 112 -43 34 2	7 7 (*) -18 2 -22 (*) 2	$\begin{array}{c c} 41 \\ -1 \\ 42 \\ -35 \\ 0 \\ -34 \\ -1 \\ 0 \end{array}$	-1 -2 (*) -106 (*) -6 -109 9	(P) (P) 2 3 (*) -1 0		12 1 11 -96 9 -109 (P)
Middle East Israel Other		0 0 0	(P) .0 (P)	29 (P) (P)	(*) (*)	(*)	(P) (D)	5 1 5	(P)	7 (b) (b)	. 0 0 - 0	-13 28 -40	10 (P) (P)	0	-11 0 -11	(P) -3 (P)
Other Africa, Asia, and Pacific	86	(*)	(D)	2	(P)	-1	(P)	(D)	(P)	-6	20	-57	-1	(P)	-24	-21
Addendum—OPEC 1	-245	0	(b)	(P)	1	(*)	(P)	(*)	0	7	0	-32	(*)	0	-19	.(P)

 ^{*} Less than \$500,000 (±).
 D Suppressed to avoid disclosure of data of individual companies.
 1. See footnote 1, tables 10 and 11.

Table 18.—Foreign Direct Investment in the United States: Intercompany Debt Inflows, 1986

[Millions of dollars; outflows (-)]

					·	Manufa	cturing								-	
	All indus- tries	Mining	Petro- leum	Total	Food and kindred products	Chemicals and allied products	Pri- mary and fabri- cated metals	Machin- ery	Other manu- facturing	Whole- sale	Retail trade	Banking	Finance, except banking	Insur- ance	Real estate	Other indus- tries
All countries	11,298	577	550	4,274	621	1,125	117	653	1,758	2,371	510	285	-881	1,174	741	1,697
Canada	1,419	(D)	(P)	597	94	(P)	144	247	(P)	262	(D)	13	141	-30	114	241
Europe	5,551	211	75	2,092	517	1,067	-47	243	311	949	671	144	-528	1,206	-241	971
European Communities (12) Belgium France Germany Italy Luxembourg Netherlands United Kingdom Other EC Other Europe Sweden Switzerland Other	4,847 460 555 595 324 40 682 5,185 703 236 624 157	208 (P) -25 1 (P) (P) 97 (P) 0 9 (P) (P) (P)	241 366 1 (P) (P) (P) (P) 223 (P) -165 (P) (P) (P)	1,358 (P) -22 -685 27 1 -518 2,523 (P) 734 486 297 -49	(P) (P) (P) (P) (P) (P) (P) (P) (P) (P)	1,105 74 (P) -488 (P) (P) (P) (P) -4 -38 40 (P) (P)	-100 -28 (P) -28 (P) 13 (P) (P) -49 (P) 53 (P) 2 (P)	-1777 -51 (P) -2855 (P) 0 (P) 224 -1 420 (P) (P) (P) -21	(P) -3 (P) 87 (P) 0 (P) 574 17 (P) 110 18 (P)	985 -30 (P) 157 (P) -25 192 788 41 -36 (P) (P) -28	676 0 218 -21 (P) (P) (P) (P) 337 (P) -5 (*) -4 -1	147 54 -9 0 0 (P) (P) 190 -1 -3 -10 (P) (P)	- 489 (P) (P) -67 (P) 5 (P) 227 (P) -39 (P) (P) 52	1,084 (P) 3 (P) 0 (P) 578 (P) 122 2 (P) (P)	-244 (P) (P) -18 (P) (*) 183 -426 (P) 3 (*) -10 14	887 85 30 (P) (P) (P) (P) (P) 84 (P) (P) -2
Japan	3,321	40	-74	315	3	-7	40	66	214	1,041	-16	130	626	4	699	557
Australia, New Zealand, and South Africa	1,392	229	529	677	(P)	(P)	-6	1	(P)	(P)	24	0	1	0	(D)	(D)
Latin America	-347	(D)	(b)	336	(P)	(P)	-87	21	410	49	(P)	(*)	(P)	(D)	84	-62
South and Central America Panama Other Other Other Western Hemisphere Bermuda Netherlands Antilles. U.K. Islands, Caribbean Other	-115 166 -399 (^b) -172 -592	0 0 0 (P) 0 -21 0 (P)	89 (P) (P) (P) 21 0 (P)	-48 -48 (*) 385 (P) (P) 179	1 1 (*) (P) (P) (P) 0	(P) (P) 28 (P) -7 0 (P)	-7 (P) (P) -80 7 -129 36 6	(P) (P) (P) (P) (*) 14 0 (P)	-3 (*) -3 413 -30 298 143 2	(P) 36 (P) (P) (P) (P) -115 (P)	-6 -3 -3 (p) (p) (p) -4 (p)	(P) (P) (*) 0 0 0 (*)	(*) (P) (P) 38 (P) (P) 40	(*) (P) (P) (P) (P) -6 (P)	-13 (P) (P) 97 -4 137 -54 19	(P) (P) (P) (P) -82 -7 24
Middle East Israel Other	-2 9 -11	0	(P) (P)	(P) -11 (P)	(P) (P) (P)	0 0 0	(*) (b) (b)	(*) 0 (*)	(P) -11 (P)	(P) (P) -72	(P) (I) (P)	0 0	-8 (P) (P)	0 0	72 0 72	(P) (P) -25
Other Africa, Asia, and Pacific	34	(P)	-286	(P)	(D)	51	72	74	78	185	(P)	-2	(P)	(P)	(D)	22
Addendum—OPEC 1	180	0	179	7	(P)	(*)	1	(P)	1	66	(D)	0	-2	0	72	(D)

Table 19.—Foreign Direct Investment in the United States: Intercompany Debt Inflows, 1987

[Millions of dollars; outflows (-)]

						Manufa	aturina									
	All indus- tries	Mining	Petro- leum	Total	Food and kindred products	Chemi- cals and allied products	Pri- mary and fabri- cated metals	Machin- ery	Other manu- facturing	Whole- sale	Retail trade	Banking	Finance, except banking	Insur- ance	Real estate	Other indus- tries
All countries	13,962	155	4,585	5,088	1,555	2,566	73	1,053	-14	1,876	319	206	-1,276	382	824	1,805
Сападя	419	(D)	24	97	(D)	(p)	(^D)	151	131	-67	109	0.	-7	38	-41	(D)
Europe	15,268	148	5,416	5,125	1,577	2,393	163	833	159	2,289	153	-83	430	355	163	1,274
European Communities (12) Belgium France Germany. Italy Luxembourg Netherlands United Kingdom Other EC Other Europe Sweden Switzerland Other	-70 -147 3,519 8,930 87 1,541 264	152 (P) (P) (P) (P) (P) (P) (P) (P) (P) (P)	5,123 (*) (P) -4 (P) (P) -137 (P) 0 293 1 101 190	4,836 (P) 45 313 -2 0 1,895 2,557 (P) 289 (P) 201 (P)	1,202 (P) 100 -12 -1 0 (P) (P) (P) 375 (P) 376 (P)	2,384 (P) -555 282 (*) 0 (P) 1,119 2 9 37 (P) (P)	280 (P) (P) 53 (P) 0 3 (P) 2 -117 (P) (P)	716 556 -3 (P) 0 (P) 247 -2 117 50 56	253 (P) (P) -7 8 0 351 -129 4 -95 (P) -171 (P)	1,405 23 2 246 19 -17 311 740 81 884 (P) (P) 57	(P) (P) (P) (P) (P) (P) (P) (P) (P) (P)	-113 -65 0 (P) (P) (P) (P) -47 0 30 (P) (P)	(P) (P) (P) (P) (P) (P) (P) (P) (P) (P)	369 0 (*) (*) (*) (*) (*) (*) (*) (*) (*) (*)	232 0 3 -13 (P) (*) 447 -205 (P) -69 8 -63 -14	1,308 -82 63 83 (P) (P) (P) 1,154 (*) -34 -2 (P) (P)
Japan	1,687	_ (Þ)	-23	501	3	178	23	249	49	86	10	293	-225	(^D)	729	324
Australia, New Zealand, and South Africa	-607	-58	(P)	-115	-1	-7	36	-1	-143	(P)	(P)	0	50	4	(P)	(^D)
Latin America	-2,699	5	(a)	-511	(D)	(P)	-117	-85	-175	-279	64	0	-1,497	(P)	-166	-11
South and Central America Panama Other Other Western Hemisphere Bermuda Netherlands Antilles U.K. Islands, Caribbean Other	$-78 \\ -109 \\ -2,512$	0 0 0 5 0 6 (P)	(P) (P) -127 -127 (P) (P) -3 10	(P)	(a) (b) (b) (c) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	(b) 64 (c) -211 (b) -192 (c) (d)	5 (P) (P) -122 -7 (P) (P) (P)	(P) (P) -14 (D) (P) -30 111 (P)	(b) (p) -4 (b) (p) (p) -187 (p) 1	29 -5 33 -308 24 -313 -14 -4	(a) (b) (c) (d) (d) (e) (e) (e)	0 0 0 0 0 (P) (P)	(P) (P) (P) (P) (P) -2 -38 -1,418 (P)	(*) (*) 0 (*) (*) (*) (*) (*) (*) (*) (*) (*) (*)	-93 -93 1 -73 (P) -62 32 (P)	(P) (P) (P) (O) (O) (O) (O) (P) (P)
Middle East	-145 -87 -58	0 0	(*) (*)	(P) 2 (P)	(b) (b) 0	6 2 4	(P) 0 (P)	$\begin{bmatrix} -1 \\ 0 \\ -1 \end{bmatrix}$	(P) (P) (P)	-65 -67 3	(P) 0 (P)	$\begin{bmatrix} -4\\ -4\\ 0 \end{bmatrix}$	-10 -11 1	0 0	-71 0 -71	(*) -7 6
Other Africa, Asia, and Pacific	39	(*)	21	(P)	15	82	16	-93	(P)	(D)	-5	0	-17	-1	(P)	(P)
Addendum-OPEC 1	-198	0	-124	7	(D)	2	(*)	(D)	(*)	-10	(*)	0	9	0	-71	5

Less than \$500,000 (±).
 Suppressed to avoid disclosure of data of individual companies.
 See footnote 1, tables 10 and 11.

Table 20.—Foreign Direct Investment in the United States: Income, 1986

[Millions of dollars]

						Manuf	acturing									
	All indus- tries	Mining	Petro- leum	Total	Food and kindred products	Chemicals and allied products	Pri- mary and fabri- cated metals	Machin- ery	Other manu- facturing	Whole- sale	Retail trade	Banking	Finance, except banking	Insur- ance	Real estate	Other indus- tries
All countries	5,379	140	302	75	797	518	31	-2,257	987	1,491	818	1,448	74	1,698	73	-461
Canada	390	-49	-236	495	31	32	25	189	218	-204	-35	253	56	172	-3	-58
Europe	5,701	-108	498	1,522	774	388	131	-512	740	1,000	767	509	23	1,387	70	33
European Communities (12) Belgium France Germany Italy Luxembourg Netherlands United Kingdom Other EC Other Europe Sweden Switzerland Other	23 54 -23 18 3 2,179 2,611 59 823	-111 -2 8 2 -1 -33 -84 0 3 2 2 0	678 (P) (P) -13 15 -2 692 -35 7 -181 (P) 7 (P)	1,183 -25 200 -522 -64 -6 854 707 39 338 89 235	(P) 6 (P) -1 (*) -2 390 169 1 (P) (P)	337 -37 2 -87 0 229 230 (*) 51 15 26	253 3 135 -9 -13 -6 59 88 -3 -122 (P) (*)	-592 -1 -22 -363 -21 (*) -95 -90 1 80 58 32 -10	(b) 4. (p) -61 -29 2 271 311 40 (p) 64 68 (p)	825 20 -40 468 12 3 172 255 -66 176 66 118 -8	766 18 (P) 126 -2 (*) 121 (P) 2 1 (*) 8 -7	458 (P) 43 14 577 (P) 178 194 53 50 7 49 6	-104 -7 -109 -158 3 12 28 126 2 126 (P) 159	1,143 0 18 137 5 0 226 759 -2 244 19 208 17	67 (*) -3 -27 -6 -3 17 90 (*) 3 -2 9	-29 -5 -47 -27 -4 (P) -75 (P) 24 62 -1 70 -7
Japan	1,009	(*)	-9	-215	-3	-13	-68	-55	-76	616	-16	616	-55	11	1	62
Australia, New Zealand, and South Africa	28	(P)	(D)	30	1	1	-19	(*)	48	-8	2	-2	1	(D)	(P)	-3
Latin America	-1,395	(D)	40	-1,729	(*)	115	(P)	(D)	80	108	20	58	48	(P)	-55	45
South and Central America Panama Other Other Other Mestern Hemisphere Bermuda Netherlands Antilles U.K. Islands, Caribbean Other	193 -1,742 -122	(P) (P) (P) (*) (*)	(P) 1 (P) (P) (P) -15 (P) 8	-54 -29 -24 -1,675 22 -1,654 -46	$\begin{array}{c} 2 \\ 1 \\ -2 \\ 1 \\ -2 \\ -1 \\ 0 \end{array}$	(P) (*) (P) (P) (P) (P) 3	(P) (P) -9 -10 (P) 11 (P) 0	-19 -3 -16 (P) (*) (P) 2 (*)	1 1 0 79 19 72 -12 (*)	7 -4 11 101 26 72 1 2	2 2 (*) 18 -5 22 -1	(P) (80 (P) (*) (P) -1	-1 -1 (*) 49 -2 (*) (*)	(P) (P) (P) -1 2 1 -4 0	-24 -22 -2 -31 (P) -84 -58 (P)	8 -2 10 -52 2 -61 6
Middle East	-389 1 -390	0 0 0	(P) 0 (P)	-4 (^D) (^D)	(*) (*) 0	(*) 0 (*)	(P) 0 (P)	(t)	(D) (D)	-5 -6 1	0 0 0	6 21 -15	8 8 1	0 0	48 0 48	(P) (P) (P)
Other Africa, Asia, and Pacific	34	(*)	(D)	-24	-6	-5	-6	(^D)	(D)	-16	80	9	-6	1	(P)	(P)
Addendum-OPEC 1	-329	0	(P)	(P)	1	(*)	(P)	-4	0	1	0	-3	-2	0	40	(ъ)

Table 21.—Foreign Direct Investment in the United States; Income, 1987

[Millions of dollars]

						Manufa	cturing							·		
	All indus- tries	Mining	Petro- leum	Total	Food and kindred products	Chemicals and allied products	Pri- mary and fabri- cated metals	Machin- ery	Other manu- facturing	Whole-sale	Retail trade	Banking	Finance, except banking	Insur- ance	Real estate	Other indus- tries
All countries	10,504	150	2,456	4,515	878	1,964	259	-330	1,744	2,093	568	74	57	916	-81	-245
Canada	896	45	10	252	30	23	-32	-73	304	662	-245	141	23	-115	63	60
Europe	8,717	91	2,400	4,125	867	1,752	383	-25	1,148	711	746	515	159	888	26	85
European Communities (12) Belgium France Germany Italy Luxembourg Netherlands United Kingdom Other EC Other Europe Sweden Switzerland Other	227 25 -86 -20 10 2,382	86 4 -6 9 2 -2 20 59 0 6 1 4	2,391 (P) -5 -3 5 -1 (P) 1,203 (P) 9 16 -1 -7	8,257 138 170 76 -45 3 1,067 1,758 89 868 243 578 47	625 3 10 -3 -3 -3 387 232 2 242 (P) 230 (P)	1,516 125 -184 277 0 0 452 844 2 236 25 189 22	345 7 (P) 13 -4 1 666 67 (P) 38 9 16	-288 -1 -21 -356 -27 1 -27 192 1 213 145 77 -9	1,008 6 (P) 145 -11 4 189 423 (P) 139 (P) 67 (P)	464 18 11 -250 1 9 182 396 98 247 107 140 (*)	728 (P) 21 66 -2 (*) 121 503 (P) 23 (*) 17	-556 (P) -6 -6 -20 -2 (P) -227 25 41 7 58 -23	8 (*) -158 -53 2 4 147 68 -2 151 (P) 186 (P)	625 0 12 94 5 0 89 426 -1 264 (P) 204	39 -1 -4 -19 -8 -4 11 63 (*) -12 -2 -2 -12	74 -11 -11 (*) (*) 3 -26 106 13 11 6 8 -4
Japan	1,178	7	-3	202	6	43	-14	58	108	601	-6	447	-25	8	-32	-21
Australia, New Zealand, and South Africa	28,	(p)	-8	26	(P)	(D)	51	(*)	-25	3	9	-10	5	(P)	4	(D)
Latin America	-52	(b)	46	-133	-10	(^D)	-157	(P)	198	166	- 10	28	-112	· (P)	-147	-63
South and Central America Panama Other Other Other Hemisphere Bermuda Netherlands Antilles U.K. Islands, Caribbean Other	57 -14 71 109 253 277 127 41	0 0 0 (P) (P) (*) (*)	(P) (P) (P) (P) (P) (P) (P) (P)	-202 -177 -25 69 65 -23 22 5	$\begin{array}{c} 2\\1\\1\\-12\\-7\\-2\\-3\\0\end{array}$	(P) (P) 0 118 (*) 113 (*) 5	(P) (P) (P) (P) 15 (P) 7 (*)	-30 (P) (P) (P) (P) (P) -5 (*)	-15 -15 0 213 57 134 22 (*)	(*) 2 -3 166 116 13 34 3	7 7 (*) -17 2 -21 (*) 2	63 7 56 -35 0 -34 (*)	-1 -1 (*) -111 1 8 -130	(b) (b) (b) 3 3 1 -1 0	-12 -7 -5 -136 39 -147 -36 9	17 16 -80 10 -96 (P)
Middle East	-261 14 -276	0 0 0	(P) (P)	29 (D) (D)	(*) (*)	(*) 0 (*)	(P) (D) (P)	5 1 5	(D) (D) (D)	-10 (P)	0 0	-5 32 -37	14 (P) (P)	0 0	18 0 18	(D) -5 (D)
Other Africa, Asia, and Pacific	-1	(*)	(D)	14	(P)	5	(D)	(D)	(P)	-40	75	-11	-8	(D)	-14	-19
Addendum-OPEC 1	-211	0	(^D)	(^D)	1	(*)	(P)	-1	0	6	0	-29	(*)	0	10	(D)

^{*} Less than \$500,000 (\pm). Description Suppressed to avoid disclosure of data of individual companies. 1. See footnote 1, tables 10 and 11.

Table 22.—Foreign Direct Investment in the United States: Country Detail for Selected Items

				[M	illions of	dollars]										
Line			Direct ir	vestment	position		C	apital inf	lows (out	flows (-))			Income		
		1983	1984	1985	1986	1987	1983	1984	1985	1986	1987	1983	1984	1985	1986	1987
1	All countries	137,061	164,583	184,615	220,414	261,927	11,946	25,359	19,022	34,091	41,977	5,598	9,229	6,079	5,379	10,504
2	Canada	11,434	15,286	17,131	20,318	21,732	215	3,294	911	2,547	959	10	304	348	390	896
3	Europe	92,936	108,211	121,413	144,181	177,963	9,134	14,686	12,794	21,730	34,974	4,473	7,054	5,240	5,701	8,717
4 5	European Communities (10) Beigium	82,286 2,261	96,555	107,105 2,291	126,853	157,266 2,598	7,774 317	13,292 302	9,823 -171	19,000 597	31,281 88	4,009 250	6,287 239	4,801 80	4,846 23	7,093 227
6	France Germany	5,726 10,845	2,548 6,591 12,330	6,670 14,816	2,487 7,709 17,250	10,195 19,637	-201 1,007	774 1,291	30 2,292	1,017 1,982	2,551 2,403	-416 151	-178 803	-157 605	54 23	25 -86
8	Italy Luxembourg	1,238	1,438	1,237	1,323 263	1,230 154	28 -10	197 129	-5 -176	114 -45	-364 -128	-18	-73	-115 61	18	-20 10
10	Netherlands United Kingdom	29,182 32,152	33,728	37,056 43,555	40,717 55,985	47,048 74,941	2,778 3,727	3,520	2,776 4,665	4.374	7.871	1,890 2,128	3,113 2,298 56 10	2,131 2,127	2,179 2.611	2.382
11 12 13	Denmark, Greece, and Ireland	584	38,387 779 404	1,185 577	1,168 552	1,468	128 84	6,882 196 96	413 280	184	18,562 298 179	2,128 21 7	56 10	69 27	2,611 27 -52	4,855 200 88
14 15	Greece Ireland	57 219	90 285	(a)	256 860	1,468 728 268 467	6 88	38 67	(0)	10,827 184 57 (P)	18 107	8 11	3 44	8 35	(D)	(e)
16	Other Europe)	11,655	14,308	17.328	20,698	1,360	1,395	2.970	2,729	3,693	464	767	439	855	1,624
17 18	Sweden Switzerland	2,124 7,464	2,258 8,146	2,357 10,568	3,963 12,058	4,699 14,343	358 962	216 1,035	236 2,722 13	1,395 1,414	744 2,582	23 469 -28	209 562	175 625 -360	164 864	401 1,197
19 20 21 22 23 24 25 26 27 28 29	Other	1,061	1,251	1,382	1,308	1,655	39 0	144	10	-80 2	367	. 0	-4	0	-173 0	25 0
21 22	Austria Cyprus	210 (*) 0	243 (P)	127 (P)	118 (P)	119 (P)	71 1	33 1	-293 (P) 0	-11 (P)	-2 2 (^b)	-1 0	-2 0	-377 0	-209 0	-34 0
23 24	Czechoslovakia Finland	67	1 164	220	1 195	231	0 14	0 97	113	_0 _25	37	-11	_10	0 -1	0	0 7
25 26	Gibraltar Hungary	3 6	3 9	3 8	3 9	3 9	_0	0	. 0	0	l n	0	0	0	(*)	(*) 2
27 28	Iceland Liechtenstein	(P) 129	(P) 170	(P) 221 (*)	(P) 230	(P) 212 (*)	(P) -82 0	(P) -5	(D) -5	(^D)	(*) (P) 2 0	(*) -21	(*) (*) -8 0	-10	1 3	2 4
29 30	Malta Norway	0	170 (*) 311	396	230 (*) 241	498	0 59	2 (P) -5 (*) (*) (P) -18 39	(P) -5 (*) 121	-160	260 -1	(*) -21 0 -2 -2 -2 1	0 7	_10	1 0	0 22
31	Poland Portugal	311 (P) 14	27 -4	29 (*)	30 18	30 23	59 (P) (*)	(Þ) -18	1 4	18 77	- <u>i</u>	$-\frac{1}{2}$	(*) 2	(*) 2 33	-6 (*) -1 31	1 1
32 33 34 35	Spain Turkey	194	231	273 1	350 1	421	-30 (*)	1	64	77 1	71 1	(*)	6	33 (*)	31 (*)	17
35 36	Union of Soviet Socialist Republics Yugoslavia	(*) 13 41	1 13 43	12 39	12 60	11 40	13	(*) 2	-1 -4	$-\frac{1}{21}$	$-1 \\ -19$		- <u>1</u>	(*) -1 (*)	- <u>i</u>	-1 3
37	Japan	l i	16,044	19,313	26,824	33,361	1,653	4,374	3,394	7,268	6,181	1,013	1,884	1,561	1,009	1,178
38	Australia, New Zealand, and South Africa	999	2,152	3,324	5,634	6,634	218	1,148	1,235	2,719	996	50 55	_77	27	28	28
39 40	Australia New Zealand	930 98	2,125 52	3,264 72	5,466 97	6,373 192	210 2	1,188 -46	1,209 20	2,606 29	907 91	-1	-70 -7	27 22 2 3	39 -11	28 46 22
41 42	South Africa Latin America	-28 15,035	-25 16,201	-12 16,826	72 16,763	15,287	6 474	615	719	84 -332	-3 -1,453	-4 72	(*) 75	- 693	1 1,395	-52
43	South and Central America		2,859	3,491	4,190	4,237		90	424			71	-52	-6	241	57
44 45	Panama Other	2,073	1,924 935	2,204 1,287	2,202	2,223 2,014	-89 68	_167	73 350	826 57 769 12	$ \begin{array}{c c} -29 \\ -34 \\ 5 \end{array} $	67	-140	-103 97	128 113	-14 71
46 47	Argentina Belize	194	237	280 (P)	1,988 292 (P)	312	-21 -89 68 64 (P) 0	43 (P)	43 (P) 2	12	20 (P)	28	88 36 0	35 0	25 0	10
48 49 50	Bolivia Brazil	(P) 0 84	-2 160	201	182	(*) 0 195	. 9	258 43 (P) -2 76	42	-13	0 3	19	1 0	ค	0	0 -15
50 51	Chile	3 63	-5 69	16 75	14 78	26 82	15 11 1	-8 6	42 21 6	-1	12 4 (*)	-1	29 (*) 6	20 (*) 2 (*)	15 2 12 (*)	$-\frac{1}{4}$
52 53 54 55 56 57	Costa Rica Ecuador	84 3 63 (*) 32 (P) 2 6	-5 69 (*) 35	16 75 (*) 41	14 78 (*) 45	26 82 (*) 47	1 6	(*) 2	(*)	(*)	(*) 2	(*) 5 2	(*)	(*)	(*)	(*) 4
54 55	El Salvador	(P) 2	(P)	(P) 8	(P) 8	(*)	(b) (*) 2	1 5	(*) (*)	(P) (*) (*)	(P) -2	. 1	$\frac{2}{1}$	(P) (*)	4 2 (*)	(*) (*)
56 57	Honduras Mexico	244	308	6 533	6 847	880	39	-1 61 (*)	222	315	2 (P) -2 (*) 33 (*) (*) (P) 0	-13	_(*) _13	4 (P) (*) (-1 (*) (-5 (*) 0	-21	(*)
58 59 60	Nicaragua Paraguay	(*)	(*) -2	$-\frac{1}{7}$	1 1 (P)	2 1 6 0	1 2 3 2	(*) -4	1 -5	(*) -2 (P) 0	(*)	(*) -1	-13 (*) -3	(*) -5	-21 (*) (*) 1	(*) (*) 1
61	Peru Surinam Surinam	. 2	3	0	0		3 2	-4 (*) -2 (P)	1 0	(P)		(*) -13 (*) -1 (*) 0			0	0
62 63	Uruguay Venezuela	3 24	(P) 48	103	476	451	-5	24	(P) 55	-1 444	-1 -29	-1 23	3 22	(P) 30	-1 74	(*) 73
64 65	Other Western Hemisphere	12,289 1,168	13,343 1,370	13,335 1,691	12,573 2,002	11,050 2,188	496	525 84	296	-1,157 19	-1,423 40	_214	127	-687 -255	-1,636 193	-109 253
65 66 67 68 69 70 71 72 73	Netherlands Antilles United Kingdom Islands—Caribbean	9.948	10,935	10.443	9,685	0.002	-216 538 215 -42 -40	848	296 333 -224 170 18 13 2 -2 (*) 0 5	-750	482	316	-134 222 23 15 13	-255 -462 51 -20 -20	1 - 1742	253 -277 -127 41 37
68 69	Other Bahamas	985 188	10,935 866 172 158	1,028 172	9,685 560 326 309	242	-42 -42	18	18	127	-880 -102 -116	316 -25 -75 -77	15	-20	-122 35 32 3	41
70 71	Barbados	(P)	(P) 0	154 (P) -2 (*) 1	(P) -2 (*)	242 209 32 (*)	-2	848 -257 18 16 2 (*) 0	2	-554 127 129 (P) (*) (*)	(b) (*)	1	(*) 0	2	3	5 (*)
72 73	French Islands—Caribbean	\vdash	က္ခံ	(7)	(*)	~~~	-10 -2 (*) 0 1) ó	(*)		0	(*) 0 0	Ó	2 -2 0 0	ŏ	0
74 75	Jamaica		(*)	5	(*) (*) (*)		(*)	(3)	5	-5 (P) (*)	(*) (*) (*)	()	(*)	Ö	Ó	(*)
76	Trinidad and Tobago	8	8	(P) (*)	8	\(\text{\tin}\text{\tett{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\ti}\\\ \ti}\\\ \tint{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tin}}\\ \tittt{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\texi}\text{\text{\text{\texi}\text{\text{\text{\text{\text{\texi}\text{\texi}\text{\texi}\text{\texi}\text{\tilint{\text{\texit{\text{\text{\texi}\text{\texi}\texit{\t	(*)	Ö	(*)	8	8	ŏ	·ŏ	ő	ŏ	် ကိ
77 78 79 80	Middle East Israel	. 449	5,336 525	4,954 494	4,870 567	5,050 518	16 26	791 76	-370 -28	-68 49	193 -57	-36 15	-11 47	-396 13	-389 1	-261 14
79 80	Other	. 3,997	5,336 525 4,811 (°) 17	4,460	567 4,303 23	4,532 40	-10 (P)	715	-28 -342 6	-117 27	250	15 -51 -1	47 -58 -2	-409 -2	-390 -3	$ \begin{array}{r} 14 \\ -276 \\ -2 \end{array} $
81 82	Iran Iraq	. ìá	17	16	14	1 14	1 (1)	-1	-1 (*)	-2 (*)		1 1	(*) (*) -6	-1 (*)	-2 (*)	-1 (*)
83	Jordan Kuwait	. –2	1 0	9	(*) 8.771	(*) (*) 4,002 56	-2	-6 646	6 -352	3	-57 250 12 (*) (*) (*) 251 10 0	_4 _49	6 59	2 -403	-391	1 4
85 86	Lebanon Neutral Zone	. 1 5	31	40	49	56	1 1	26	9	6 0	10	-8	-52 7 0	5 0 0	8	(P)
87 88	Oman Qatar	. (P)	4,333 31 0 (P)	-13	49 0 0 3	1 0	(P)	(P)	2		0 -1	,ŏ	0 1	l 🥳	0	0
81 82 83 84 85 86 87 88 89	Saudi Arabia United Arab Emirates		425 21	420 19	436 4	415	16 26 -10 (P) 1 (*) -2 6 1 0 (P) 3 -17 3	791 76 715 (P) -1 (*) -6 646 26 (P) (*) 56	-10 -1	16 -15	$\begin{bmatrix} -1 \\ -21 \\ -2 \end{bmatrix}$	1 (*) -4 -42 -8 0 0 (*) 7 -3	-1 -6	(*) -5 -3	10 -16	-24
30	Onted Alab Philiaves	1 ''	41	19	4	1 2	,	10	-1	-19	-2	-3	-0	-0	-10	-10

Table 22.—Foreign Direct Investment in the United States: Country Detail for Selected Items—Continued [Millions of dollars]

			Direct in	vestment	position		C	apital inf	lows (out	flows (—))			Income		
ine		1983	1984	1985	1986	1987	1983	1984	1985	1986	1987	1983	1984	1985	1986	1987
91	Other Africa, Asia, and Pacific	875	1,353	1,654	1,823	1,900	236	449	339	228 (P) (P) 0	128	16	1	~9	34	
92	Afghanistan		(P)	2	(P)	(P)	(P) 0	(P)	999	(D)	(D)	1	Ō	Ö	0	1 1
93	Algeria	Ó	0	(<u>a</u>)	(P)	0	0	0	(P)	(D)		0	0	(*)	$-\frac{2}{0}$	<u> </u>
94	Bangladesh	0 2	0		0	0	0	0	0	0	0	0	0	0		, ,
95	Brunei	2 1	.0	. 0	0 0	(*)	(^D)	-2	0	0	(*)	0	0	0	. 0	1
96	Cameroon	(*)	(*)	(*) (*)	(*)	(*)		0	0	. 0	0	0	0	. 0	0	1
95 96 97	Congo	(*)	(*)	(*)	(*)		0	0	0	0	0	0	0	0	0	
98 I	Egypt	3	3	4	9	8	(*)	(*)	1	4	(*)	(*)	(*)	(*)	(*)] (
99	Fiji	(*)	(*)	(*)	(*)	l (*)l	0	(*)	(* <u>)</u>	(*)	(*)	0	0	0		1
100	French Islands, Indian Ocean	0	0	0	0	0	Ó	0	0	. 0	0	0	0	0	0	1
101	French Islands, Pacific	(*) 0		(*)	2	2	0	0	0	1	0	0	1 0	0	0	1 .
102	Gabon	0	(*)	0	0	0	0	(*)	(*)	0	0	0	0	0	0	1
103	Ghana	Ò	0	0	1	8	0	0	0	1	2	0	1 0	0	0	ŀ
104	Guinea-Bissau	ומו	0	0	l (*)	. 0	.0	0	0	(°) 41	(*) 187	0	. 0	0) 0	1
105	Hong Kong	324 12 -2 2 -1	659 16 15	640	605	699	82 5 2 1	306	2	41	187	24	58	34	88	4
106	India	12	16	19 49	18 87	11 40	5	4	3	-1	_7	5	1 4	(*)	-8	1 -
107	Indonesia	-2	15	49	87	40	2	18	88	11	8	0	1 0	-1	-7	1
108	Ivory Coast	1 2 1	1 1	1	1	2	1	(*)	28899	—8 (*)	**************************************	(Ý) -1	8	(*)	(*)	
109	Kenya	_ī i	-ī	-1	-4	-4	(*) -17	(*)	(*)		. (*)	(*)	(*)	(*)	(*)	1 (
110	Laos	(*) 74	_ī	− 3	ā	-5	_1í	_1	_1	1	i	- i	-1	l -1	-1	
iii	Liberia	74	126	361	87	55	7	52	233	-273	64	-17	-64	-2	-35	-
112	Libya	'2	2	2	ا فَ ا	l Š	(*)	Õ	(0)	(*)	Č	l ēù	(*)	(5)	(*)	1 (
113	Madagascar		õ	Õ	1 5 1	-5 55 (P)	(*) 0	18 (*) -1 52 (*)	233 (*)	-273 (*) 2 0	-64 (*) (D)	(*)	`ó	34 (*) -1 (*) -1 -2 (*) 0	88 -3 -7 (*) (*) -1 -35 (*) 0	1
114	Malawi		ŏ	ŏ	ได้ไ	` ` `	ŏ	ŏ	ŏ	ី	`ó	Ŏ	ŏ	l ŏ.	Ŏ	1
115	Malaysia		22	16	39	6	š	(*)	_5	23	_88	e e	(*)	_i	_ <u>4</u>	_ ا
116	Maldives		~~	Ťŏ	ا ۱۳۵۱	ň	ŏ	(*)	ő	23 0	-33 0	(*)	Ó	Ī		1
117	Morocco	l ĭ]	1	1	ľ	ĭ	(*)	(*)	ത്	(*)	(*) (*) (*)	(•)	(*)	ġ	(0)	1 (
118	Namibia		1	1	1 1	i	(4)	(*)	(*)	(*) (*) (P) 14	X	(*)	(*)	l %	I - ∂ń	1 7
119		ا مما	(P)	(P)	(P)	ത്	(A)	`í	[\ \i	Pos	Po (9	l \i	`í	l ∂•í	1 .
120	Nauru	'4	\ 6	-8	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	(P) 5 20	· *	(*)	(e)	14	l ≽≼	Õ		ı â	l `ń	l
121	NigeriaPakistan	9	-8 17	15	19	าดั	.	(*)	(*) -2	17	\1	5	1ŏ	Ĭ	š	į .
120			7	8	10	12	ெ	1 14		3	1 1	1 7	1 1	l ĭ	ĭ	
100	People's Republic of China		121	118	113	122	12	1.5	-3	Ę,	ا ا	12	13	ۋ ا	5	1
122 123 124			121	110	110	120	(*) (P) 14 0	14 5 0	-0	-8	l ă	10	10	l ŏ	ľ	(
125	Senegal		208	242	169	358	89	23	34	-73	189	6	6	l ě	. 5	1 _
120	Singapore South Korea.		-81	-101	383	210	-1	-24	-3	474	-181	-32	-35	-53	-17	-
126 127 128			-61	-101	300	-3	-1	-22	765	(*)	-3	-02	-30	- 00) -
100	Sri Lanka		70	(*) 107	177	138	-11	l Ÿ	(*) 37	77	-38	12	6		10	1 :
129	Taiwan	69	10	101	111	100	-11	ō	ိ်	(*) 71 0	0	(7)	(*)	· (°)	l. &	1 '
130	Tanzania			10	14	_ <u>-1</u>			-5	-8	42	-4	1 4	1 4	1 6	í
130	Thailand		18 (*)	13	(*)	26		11	-5	-8	1 42	-1	1 0	ĺ	10 (*) -3 0	ı -
101	Togo	(*)	(2)	(*) (*) (*) (*)	21	1 56 (*)	**************************************	(*) (*) (*) (*)	l i	(*)	-1	/•\	(*)	1	- 6 6 6	1 1
132 133	Tunisia	1	, t		000	(4)	(*)		(*) (*)	(*) (*) (*)		(0)	00	-1 (*)		(
133	Vanuatu	(*) (*)	GGG,) (1)					(*) (P)		\mathbb{R}^{2}] .}
134	Zaire		<u> </u>				(8)	(2)	(4)		(2)	1 . 12		$\Gamma = G$	1 8	Ι,
135	Zambia		(3)	(*)	(*)		, o	ő	ı v	ď	(2)	l ő	1 %	N	"	1
190	Zimbabwe	0	. 0	0	(9)	(4)	0	0	, 0	(*)	(4)	1 0	1 0			1
- 1	Addenda:				1					}				1 .	l	1
137	OPEC	4,039	4,892	4,607	4,787	4,981	-1	754	-277	294	212	_9	-31	-380	-329	_91
138	European Communities (12) 2	4,009	4,002	4,007	127,221	157,710	_	154	1	19.095	31,352			-000	4.878	7.1

<sup>Less than \$500,000 (±).
Suppressed to avoid disclosure of data of individual companies.
See footnote 1, tables 10 and 11.
In 1986, Portugal and Spain joined the European Communities; prior to 1986, data for Portugal and Spain were included in "other Europe."</sup>

SURVEY OF CURRENT BUSINESS

Table 23.—Foreign Direct Investment in the United States: Industry Detail for Selected Items

[Millions of dollars]

	· · · · · · · · · · · · · · · · · · ·				illions of d	lonars					, 1					
Line		1983	Direct in	vestment 1985	position 1986	1987	1983	apital inf 1984	lows (out	flows (—)	1987	1983	1984	Income 1985	1986	1987
1	All industries	137,061	164,583	184,615	220,414	261,927	11,946	25,359	19,022	34,091	41,977	5,598	9,229	6,079	5,379	10,504
23 4 5 6 7 8 9	Mining Metal mining Iron ores Copper, lead, zinc, gold, and silver ores. Bauxite and other aluminum ores. Other metallic ores Metal mining services. Coal Nonmetallic minerals, except fuels	1,928 268 (P) 18	3,920 850 140 (b) 0 237 (b) 2,637 433	4,039 753 (P) 348 0 276 (P) 2,871 415	5,080 1,099 (P) 656 0 292 (P) 3,480	5,619 1,781 (P) 1,308 0 310 (P) 3,102 736	54 -47 (P) -10 0 (P) (P) 67 34	1,553 214 (P) (P) 0 555 -12 1,286 54	-57 -95 (b) (b) 0 40 -1 56 -18	962 346 (P) 308 0 16 (P) 543 73	484 672 (b) 651 0 18 (c) -423 236	-42 -45 (P) -41 0 5 (P) 2	-143 -31 (b) -54 0 15 (P) -138 25	-501 -209 -32 -189 0 14 -1 -331 39	-140 27 (P) 37 0 19 (P) -227	150 88 (P) 65 0 15 (P) 15 47
11 12 13 14 15 16 17 18 19 20 21 22 23 24	Petroleum Oil and gas extraction. Crude petroleum (no refining) and natural gas Oil and gas field services Petroleum and coal products manufacturing Integrated petroleum refining and extraction Petroleum refining without extraction Petroleum and coal products, nec Petroleum and coal products, nec Petroleum tanker operations Pipelines, petroleum and natural gas Petroleum storage for hire Gasoline service stations	18,209 2,373 1,369 1,005 14,047 14,016 (P) 1,202 587 (P) 303 138 (P)	25,400 2,729 1,739 990 20,202 20,174 (P) 1,930 538 (P) 332 135 (P)	28,270 2,839 2,163 676 22,163 22,142 (P) 2,767 501 (P) 313 125	29,094 2,392 1,849 22,434 22,376 51 3,734 (P) 296 115 (P)	35,395 2,341 1,792 549 30,830 30,716 60 54 1,418 806 (P) 297 121	509 -230 -167 -63 1,319 1,334 (P) (P) -711 131 (P) 88 34 (P)	7,210 216 272 -56 6,238 6,240 (P) 745 11 (P) -22 -2 (P)	3,147 424 450 -27 1,902 1,909 -8 1 835 -14 13 -19 -10	662 -405 -271 -134 -209 -220 (P) (1,243 33 (P) -18 -10 (P)	6,410 -119 -126 7 7,290 7,235 52 3 -1,034 272 (P) 1 6 (P)	1,657 -270 -158 -113 2,101 2,114 -12 (*) -244 69 (P) 566 19	2,788 -211 -119 -91 2,657 2,670 -15 2 242 100 13 82 2 3	2,153 50 34 16 1,957 1,964 8 146 100 14 81 3	302 -462 -343 -118 515 517 -5 3 159 90 3 79 8	2,456 3 -4 2,268 2,242 (P) 69 117 (P) 67 17 (P)
25 26 27 28 29 30 31 32 33 34 35	Manufacturing Food and kindred products	605 120 485 4,843 1,999	51,802 8,270 580 189 391 5,488 2,202 (P) 178 (P) 1,737	59,584 10,710 684 223 461 6,135 3,891 144 303 (P)	71,963 12,147 1,054 258 796 6,448 4,645 162 443 34 4,006	91,025 16,004 1,489 516 974 8,978 5,536 171 453 41 4,871	3,542 798 47 14 33 598 152 35 30 -2 89	3,992 818 19 1 18 481 319 (P) 1 (P) 300	8,049 2,538 143 30 113 600 1,794 (P) 127 (P) (P)	11,865 1,337 316 34 281 218 803 8 199 (P)	20,443 3,832 436 258 178 2,522 875 7 10 7 851	553 53 16 37 358 142 30 13 2	2,444 726 38 14 24 421 267 26 18 4 220	200 441 54 19 34 380 7 -17 19 3	75 797 96 (P) 434 266 -3 33 4 232	4,515 878 102 (P) 488 288 2 29 2 254
36 37 38 39 40 41 42 43	Chemicals and allied products. Industrial chemicals and synthetics	908 515 10	16,631 10,632 2,295 2,328 867 509 3 506	18,836 12,844 2,428 1,815 989 760 -5 765	22,954 16,196 3,339 2,036 454 929 -2 931	30,442 20,127 3,745 4,267 523 1,780 3 1,777	1,390 876 336 106 4 68 -6 74	834 132 161 588 -41 -6 -7	1,945 1,973 104 -371 -33 272 -1 273	4,106 3,216 1,022 220 -496 144 3 141	8,567 5,007 406 2,231 70 852 4 848	515 301 43 159 -2 14 -3	819 570 78 201 -23 -8 -6 -2	488 336 131 10 1 9 2 7	518 176 257 56 3 26 5	1,964 1,023 476 336 58 72 6 66
44 45 46 47 48 49 50	Primary and fabricated metals Primary metal industries Ferrous Nonferrous Fabricated metal products Metal cans and shipping containers Cutlery, hand tools, and hardware Plumbing fixtures and heating equipment, ex.	4,106 1,157 2,949	5,893 4,448 1,615 2,832 1,446 -4 44 9	6,952 5,296 1,454 3,842 1,656 -7 64 6	7,282 5,342 1,618 3,724 1,940 (P) 82 (P)	8,199 5,317 1,727 3,590 2,882 (*) 90 128	97 210 -290 500 -113 -1 8 6	637 419 284 135 218 -2 (*) -1	1,089 892 -289 1,180 198 -2 20 -3	448 170 208 -38 278 (P) 18 (P)	959 20 98 -78 939 (P) 8 (P)	-321 -388 -279 -109 66 -1 5	-18 -109 -117 8 91 -2 3 -3	-408 -496 -305 -190 88 -2 -3	31 -98 -74 -24 129 -2 3	259 87 -99 186 171 -1 6 4
52 53 54 55	electric. Fabricated structural metal products	390 10 67 699	482 9 68 838	508 5 77 1,008	572 5 110 1,019	1,045 6 177 1,437	$ \begin{array}{c c} & 1 \\ & -1 \\ & -2 \\ & -123 \end{array} $	80 -1 2 139	37 -3 8 142	63 -1 31 12	471 1 66 418	25 -2 (*) 37	21 -3 1 73	30 -3 5 58	44 -1 2 74	93 1 -2 70
56 57 58	Machinery. Machinery, except electrical Construction, mining, and materials handling machinery.	3,408 1,075	9,682 3,812 1,030	9,234 3,916 1,089	11,547 4,349 1,133	15,157 5,383 1,125	108 -37 -129	869 279 —54	-357 230 160	1,695 312 33	3,594 1,001 -28	40 -166 -102	318 40 -8	-836 -206 -102	-2,257 -288 -79	1
59 60 61 62 63 64 65 66 67 68	Special industry machinery. Office and computing machines Other. Engines and turbines. Farm and garden machinery. Metalworking machinery. General industrial machinery Refrigeration and service industry machinery. Machinery, except electrical, nec. Electric and electronic equipment Radio, television, and communication equipment.	758 1,076 99 149 265 389 35 138 5,200 1,803	536 1,140 1,106 126 115 302 406 31 126 5,871 1,983	512 1,025 1,291 218 70 332 406 67 197 5,318 1,969	640 1,126 1,450 430 57 318 543 69 148 7,198 3,544	794 2,112 1,352 283 -61 291 617 63 159 9,774 4,962		-30 27 -35 21 17 -4 -55 591 176	1	107 74 164 212 -127 -10 131 9 -50 1,384 1,057	164 987 -122 -147 -4 -35 72 -20 12 2,593 1,433		278 189	-25 -44 -35 -28 -19 -2 -11 -35 -10 -630 92	()	41 (P) 9 -200 58
70 71 72 73 74	Electronic components and accessories	. 1,040 (P) . 13 (P)	2,741 1,147 (P) 26 (P)	2,172 1,177 441 23 712	1,011 2,643 (P) 26 (P)	2,033 2,779 (P) 32 (P)	177 -86 (P) (*)	(D)	-562 -2 (^D) -2 (^D)	-1,068 1,394 (P) 2 (P)	1,025 134 (P) 6 (P)	74 -37 (P) (P) -88	82 7 (P) (D) -61	-721 -2 (P) (P) -71	(P) 13 (P) (P) -84	-316 57 (P) (P) -92
75 76 77 78 79 80 81 82 83 84 85 86 87 88 89	Other manufacturing Textile products and apparel Textile mill products Apparel and other textile products Lumber, wood, furniture, and fixtures Lumber and wood products Furniture and fixtures Paper and allied products. Pulp, paper, and board mills Miscellaneous converted paper products Paperboard containers and boxes. Printing and publishing. Rubber and plastics products Rubber products Miscellaneous plastics products Miscellaneous plastics products	. 369 171 198 . 271 . 130 . 141 . 1,495 . 920 . 461 . 115 . 2,127 . 621 . 372	11,325 412 169 243 558 390 169 1,247 584 523 140 2,501 834 389 445	13,852 440 172 269 1,170 (P) 1,141 513 467 161 3,326 774 258 517	575 254 1,292 567 556 169	21,223 1,004 366 688 914 644 270 1,670 723 679 268 4,780 2,134 944 1,190	1,149 -4 -19 15 29 -7 36 37 -36 39 410 139 104	497 208 19	2,834 36 -4 40 77 (P) (B) (B) (B) 105 21 872 46 -24 70	4,278 270 95 174 -332 (P) (D) 151 54 89 8 1,844 432 13 419	3,491 247 90 157 77 59 18 355 149 122 84 -109 896 735 161	32 19 6 14 9 -1 10 14 -25 33 6 191 17 28 -10	18 37 -3 -10 7 159 70 62 27 130 43 28	515 36 12 25 -17 -16 -2 82 5 61 16 208 3 111	131 19 71 40 227 88 19	1,744 144 54 89 91 75 16 213 46 76 90 183 189 39 150

Table 23.—Foreign Direct Investment in the United States: Industry Detail for Selected Items—Continued

[Millions of dollars]

				[M1]	illions of d	ollarsj										
Line			Direct in	vestment	position		C	apital inf	lows (out	flows (—)			Income		
Line	- <u>- </u>	1983	1984	1985	1986	1987	1983	1984	1985	1986	1987	1983	1984	1985	1986	1987
90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105	Other manufacturing—continued Stone, clay, and glass products	888 251	2,648 285 2,363 1,830 1,302 578 726 (P) 208 168 (P) 517 2 (P) 517 (P)	3,275 (P) (P) 2,142 1,587 605 1,049 191 245 312 192 109 535 0 0 0 208 326	3,347 293 3,054 2,358 1,899 459 1,981 354 287 702 494 1,44 1,147 0 0 (P)	3,950 311 3,649 2,498 1,919 579 2,909 3855 345 1,027 (P) (P) 1,364 0 0	179 -15 194 112 300 -188 195 120 (P) 113 -30 (P) 52 (*) (*)	113 31 82 198 199 -99 -92 -92 -69 11 -69	662 235 61 321 101 124 100 100 100 100 100 100 100 100 100 10	-45 (P) 217 362 -145 1,222 472 42 370 303 34 521 0 (P)	579 18 561 336 217 120 896 1 58 290 (P) (P) (P)	30 -55 -197 -207 -855 -207 -855 -222 -(2) 118 -(3) 34 (1) 122	147 222 125 16 (*) 87 10 222 19 7 30 -34 -31	251 44 207 - 145 - 163 18 124 1 36 29 13 45 - 27 1 - 1	442 20 422 - 201 - 115 - 86 110 14 32 31 17 16 138 0 (P)	475 8 467 141 103 37 216 22 61 107 14 13 93 (P)
106 107 108 109 110 111	Wholesale trade Motor vehicles and equipment	21,031 7,045 3,350 6,784 264 117	24,455 8,827 3,478 8,273 360 141	29,051 11,043 3,491 9,431 601 103	33,997 12,349 3,583 11,705 747 204	37,580 12,957 3,167 13,188 852 210	2,294 1,144 -130 807 12 -10	2,940 1,803 42 1,385 46 24	3,882 2,218 -224 1,141 237 -40	4,679 1,215 47 2,303 146 95	3,549 573 771 1,444 109	1,138 1,012 -221 102 -9	2,637 1,724 92 674 3 -2	2,412 2,060 15 99 3 5	1,491 1,377 8 123 24 11	2,093 714 106 96 53 27
112 113	Electrical goods	2,105 78	2,766 97	3,219 120	4,243 130	4,524 137	395 14	656 20	477 22	976 11	281 10	168 4	332 9	-111 10	49 8	-118 15
114 115 116 117 118 119 120 121 122	supplies. Machinery, equipment, and supplies, nec. Durable goods, nec. Farm product raw materials. Other nondurable goods. Paper and paper products. Drugs, proprietaries, and sundries. Apparel, piece goods, and notions. Groceries and related products. Nondurable goods, nec.	1,519 1,041 2,812 161 244 219 1,046	3,196 1,714 887 2,990 95 231 90 1,124 1,450	3,191 2,198 1,049 4,036 191 298 191 1,182 2,174	3,714 2,666 1,357 5,003 342 492 124 2,190 1,855	4,587 2,877 1,610 6,659 587 458 176 2,570 2,869	376 20 231 241 28 (*) 17 341 -146	488 151 -179 -25 -66 -9 -143 54 139	15 430 178 568 96 68 101 104 200	447 628 257 857 119 104 -67 1,002 -301	843 198 267 2,035 244 -34 43 380 1,403	-137 76 27 218 3 51 8 62 94	133 198 -55 203 10 37 -22 60 119	24 168 -58 297 2 70 12 78 135	110 20 77 -94 16 85 -50 102 -247	121 -3 140 1,037 36 108 7 151 734
123 124 125	Retail trade	5,482 2,106 3,376	6,764 2,774 3,990	6,822 2,886 3,937	8,923 3,619 5,304	9,546 3,911 5,635	253 71 182	1,185 629 556	-21 72 -94	1,759 663 1,096	539 144 395	455 52 403	831 399 432	249 66 182	818 284 534	568 226 342
126	Banking	8,697	10,326	11,377	12,394	13,848	909	1,729	1,445	1,757	858	831	754	1,379	1,448	74
127 128 129 130	Finance, except banking Franchising, business—selling or licensing Holding companies Other finance	2,269 (P) 2,213 (P)	5,633 (P) 3,687 (P)	4,246 55 3,793 398	7,239 (P) 3,560 (P)	7,982 (D) 4,417 (D)	187 (P) 407 (P)	2,570 (P) 583 (P)	-1,530 (P) -162 (P)	1,896 (°) 441 (°)	730 (P) 813 (P)	146 -1 96 51	68 -2 8 62	-50 2 -63 11	74 3 25 46	57 -4 274 -213
131 132 133 134	Insurance Life insurance Accident and health insurance Other insurance	8,665 4,007 (P) (P)	8,922 4,878 (D) (D)	11,806 7,260 (P) (P)	15,345 9,363 (D) (D)	15,951 9,220 (^D)	800 66 (^D) (^D)	609 896 (P) (P)	2,250 1,229 261 759	3,702 2,653 (P) (P)	569 -163 (^D) (^D)	587 282 (P) (P)	-613 -187 (^D)	892 567 (^D) (P)	1,698 1,049 (P)	916 345 (P) (P)
135 136 137	Real estate Lessors of agricultural and forestry real estate Real estate, nec	14,636 506 14,130	17,761 521 17,239	19,402 493 18,909	22,512 474 22,038	24,478 446 24,032	2,933 17 2,916	2,667 19 2,648	1,574 -27 1,601	3,099 -27 3,127	1,714 -27 1,741	343 -10 358	740 -8 748	29 17 46	73 -23 97	-81 -27 -55
138 139 140 141	Other industries Agriculture Agricultural production—crops Agricultural production—livestock, ex. beef cattle fült.	8,478 1,010 750 188	9,599 999 696 239	10,019 952 647 266	13,868 1,068 664 320	20,502 1,320 781 364	465 50 9 26	902 -9 -50 51	285 -29 -31 27	3,710 111 26 38	6,682 233 98 44	-335 -108 -81 -16	-277 -97 -87 2	684 44 49 7	-461 -6 7 -7	-245 3 4 8
142 143 144 145 146 147 149 150 151 152 153 154 155 156 160 161	Agricultural production—beef cattle feedlots. Agricultural services. Forestry and fishing Forestry Fishing, hunting, and trapping. Construction Transportation Railroads Water transportation Transportation by air Pipelines, except petroleum and natural gas. Travel agents. Travel agents. Transportation and related services , nec. Communication and public utilities. Communication and public utilities. Communication Electric, gas, and sanitary services. Services. Hotels and other lodging places Business services. Advertising. Research and development, and commercial testing labs.	65 1388 1822 6 3,676 1,255 1574 157 122 1 406 307 284 2,082 2,082 829 (2)	5 59 151 144 77 4,337 1,226 631 163 131 1 - 22 322 407 (P) (2,479 541 1,170 76 69 77 77 77 77 77 77 77 77 77 77 77 77 77	(P) (P) 154 145 9 4,087 1,459 666 190 153 11 1 1 2 437 475 383 629 1,204 (P)	47 38 182 169 13 3,602 1,797 632 386 191 1 1 5 572 495 397 495 397 1,082 2,591 602 1,591	133 42 254 186 8,590 2,360 624 410 624 410 5582 467 112,396 3,178 4,910	(P) 387 11 121 122 P(P) € 25 44 P(P) 14 14 12 P(P) 12 14 14 14 14 14 14 14 14 14 14 14 14 14	-2 -8 14 12 2 551 -51 -61 -11 16 9 (*) -28 -87 -48 (P) 850 -16 408 (P)	(P) (P) (P) 3 3 2 1 -334 189 35 5 23 18 (**) 24 490 490 103 -17 3 3	(P) (P) 28 24 4 -402 370 -35 228 38 (*) 135 140 134 421 1,154 (P) 50	87 4 72 17 55 53 8 3 539 -8 23 433 (*) 21 70 87 70 17 5,747 2,092 2,393 (*)	-2 -10 1 1 -1 -26 -5 (°) -4 -27 -27 -27 -27 -2 (°) 2 -2 -2 -2 (°) 2 -2 -2 -2 (°) 2 -2 -2 -2 (°) 2 -2 -2 (°) 2 -2 -2 (°) 2 -2 -2 (°) 2 -2 (-2 -11 1 1 -124 7 14 -28 18 18 -73 -67 9 (*) 3 (*) 1 20	-1 -1 -2 -3 1 -5055 8 12 (*) 7 5 -83 -75 -88 -88 -94 1 1	81 130 -50 38 3	-3 -6 2 1 1 -313 91 19 19 49 410 (*) 2 21 -22 -25 -11 -110 -110 33 -10
163 164	Management, consulting, and public relations Equipment rental and leasing, exc. autos & computers.	214 93	375 139	354 135	484 413	566 476	-9 -9	243 46	-2 -6	102 278	78 64	-3 2	-20 2	-110 2	-106 -10	-103 -5
165 166 167	Employment agencies and temporary help supply. Computer and data processing services	(^D) 131 244	(^D) 242 245	(^D) 257 304	43 386 528	(P) 353 1,177	(P) 54 38 -72	(P) 106 -11	-3 70 58	(P) 122 255	(^D) 43 649	-3 4 -3	(*) 19 2	-3 30 -19	16 5	7 -38 7
168	Motion pictures, including television tape and film.	104	1	84	(D)	(P)	!	-200	58 83	855	649 (P)	-12	(a)	11	-35	-6i
169 170 171 172 173 174 175 176	Engineering, architectural, and surveying services. Other services. Accounting, auditing, and bookkeeping services. Automotive rental and leasing, without drivers Health services. Legal services. Educational services. Services, nec, provided on a commercial basis	121 509 (P) 0 (P) 0 0 371	169 599 (P) 0 (P) 0 400	200 827 (b) 13 (b) 0 0 584	1,801 (b) (b) (b) 250 0 0 1,516	(P) 3,025 (P) (P) 280 0 0 2,709	-35 134 1 0 82 0 0 52	23 135 (P) 0 (P) 0 0 61	26 240 (P) (P) 31 0 0 196	47 985 (P) (P) 0 0 943	(P) 1,225 (P) (P) 29 0 0 1,193	-35 20 1 0 5 0 14	9 39 1 0 14 0 0 24	-18 25 1 0 13 0 0	-15 51 1 -3 17 0 0 35	1 175 2 -2 22 0 0 154

^{*} Less than \$500,000 (±).

D Suppressed to avoid disclosure of data of individual companies.

Fixed Reproducible Tangible Wealth in the United States, 1984-87

ESTIMATES of fixed reproducible tangible wealth in the United States for 1984-87 are shown in tables 1-20. They incorporate the revised national income and product account estimates for 1985-87 that appeared in the July 1988 Survey of Current Business. Estimates of fixed private capital, by industry, are shown in tables 1-4; fixed nonresidential private capital, in tables 5-8; residential capital, in tables 9-12; government-owned fixed capital, in tables 13-16; and durable goods owned by consumers, in tables 17-20. Estimates for the wealth series for years through 1983 are unrevised and appeared in the following issues of the SURVEY: For 1925-82, January 1986; for 1983, August 1987.

Table 1.—Current-Cost Gross Stock of Fixed Private Capital, Nonresidential and Residential, by Industry, 1984-87 ¹ [Billions of dollars]

	1984	1985	1986	1987
Fixed private capital	11,565.9	12,105.0	12,692.9	13,511.6
Nonresidential	6,432.9	6,706.4	6,993.4	7,354.4
Agriculture, forestry, and fisheries	386.5	383.6	378.7	377.5
Farms	354.8	350.1	344.3	342.1
Agricultural services, forestry, and fisheries	31.8	33.5	34.4	35.4
Mining	444.6	448.4	420.1	420.1
Metal mining	34.5 45.6	35.3 46.9	35.3 46.7	36.0 47.3
Oil and gas extraction	342.3	344.0	316.3	315.2
Nonmetallic minerals, except fuels	22.2	22.3	21.8	21.6
Construction	110.3	109,4	109.9	110.8
Manufacturing	1,444.0	1,497.2	1,549.6	1,609.3
Durable goods	790.2	821.7	852.6	886.1
Lumber and wood products		34.1 11.9	34.4 12.4	35.1 13.2
Stone, clay, and glass products	55.6	55.6	55.9	56.3
Primary metal industries	173.2 87.6	176.2 91.7	177.2 95.6	179.6 99.7
Fabricated metal products	130.9	135.3	140.7	146.2
Electric and electronic equipment	110.2	119.5	128.1	138.1
Motor vehicles and equipment Other transportation equipment	88.2 56.1	91.8 60.0	95.8 64.4	98.5 68.9
Instruments and related products		30.9	32.8	35.1
Miscellaneous manufacturing industries	14.4	14.7	15.1	15.5
Nondurable goods		675.6	697.0	723.2
Food and kindred products	129.5 8.8	134.2 9.5	139.2 10.2	145.3 11.0
Textile mill products	40.6	41.4	41.8	42.7
Apparel and other textile products	13.4	13.4	13.5 99.3	13.8 104.5
Paper and allied products Printing and publishing	90.6 48.7	94.9 51.7	54.9	59.0
Chemicals and allied products	179.8	183.5	187.8	193.0
Petroleum and coal productsRubber and miscellaneous plastic products		98.3 45.4	100.0 47.0	102.4 48.3
Leather and leather products		3.2	3.2	3.3
Transportation and public utilities	1	1,947.5	2,023.6	2.107.0
Transportation		586.2	586.1	592.0
Railroad transportation	249.4	255.6	248.6	248.4
Local and interurban passenger transit Trucking and warehousing	9.6	9.6 105.0	9.7	9.7 112.9
Water transportation	66.0	65.8	67.0	68.4
Transportation by air	. 76.1 38.0	74.5 39.1	74.6 40.1	75.4 40.7
Transportation services	35.8	36.6	36.4	36.4
Communication		552.9	592.4	630.4
Telephone and telegraph		522.1	559.6 32.9	595.3
Radio and television broadcasting Electric, gas, and sanitary services		30.8 808.4	845.0	35.1 884.7
Electric services	601.4	631.9	661.8	695.0
Gas services	. 151.2	154.8	160.1	165.0
Sanitary services	ì	21.7	23.0	24.7
Wholesale trade	1	247.7	272.8	298.1
Retail trade	ł	401.7	433.4	471.8
Finance, insurance, and real estate		1,104.7	1,193.9	1,297.0
Banking Credit agencies other than banks		131.6 93.7	149.1 102.6	168.5 110.7
Security and commodity brokers, and services			6.4	7.4
Insurance carriers	. 26.2	31.5	40.8	51.0
Insurance agents and brokers, and services Real estate		5.1 823.3	5.3 872.6	5.4 934.4
Holding and other investment companies				19.7
Services	529.8	566.3	611.6	662.7
Hotels and other lodging places	. 93.6			
Personal services Business services	[25.9			
Auto repair, services, and garages	90.4			
Miscellaneous repair services	13.0	13.8	14.5	15.2
Motion pictures. Amusement and recreation services				12.3 45.3
Other services	130.3	138.8	149.2	162.4
Health services	79.2			
Legal services	9.0 2.6			
Other 2	39.5			
Residential	5,133.0	5,398.5	5,699.5	6,157.2
Farms		1	1	1
Real estate				
			1	

A detailed statement of the methodology underlying the wealth estimates is available in Fixed Reproducible Tangible Wealth in the United States, 1925-85 (see inside back cover). In addition to the estimates of gross and net stocks in constant-cost and current-cost valuations for the types of wealth shown in tables 1-20, this report includes corresponding estimates of gross and net stocks in historical-cost valuation and estimates of depreciation, discards, and average ages of gross and net stocks in all three valuations, together with the investment data used to derive the wealth estimates.

Table 2.—Current-Cost Net Stock of Fixed Private Capital, Nonresidential and Residential, by Industry, 1984-87 ¹ [Billions of dollars]

	1984	1985	1986	1987
Fixed private capital	6,938.5	7,254.6	7,603.5	8,091.1
Nonresidential	3,630.2	3,771.7	3,917.4	4,100.6
Agriculture, forestry, and fisheries	199.9	193.5	186.9	183.8
Farms	183.0	175.7	168.7	165.0
Agricultural services, forestry, and fisheries	16.9	17.8	18.1	18.8
Mining	237.9	234.8	210.8	202.6
Metal mining	17.1 25.7	17.1 25.4	16.5 24.4	16.4 24.0
Coal mining Oil and gas extraction	183.9	181.3	159.5	152.3
Nonmetallic minerals, except fuels	11.2	11.0	10.4	9.9
Construction	57.0	56.3	56.9	57.8
Manufacturing	789.0	811.7	830.2	852.9
Durable goods	434.9	449.0	460.6	473.9
Lumber and wood products	16.6	16.6	16.6	16.9
Furniture and fixtures	6.3 26.8	6.5 26.2	6.7 25.9	7.2 25.8
Primary metal industries		87.6	85.4	84.4
Fabricated metal products	49.2	50.9	52.6	54.2
Machinery, except electrical Electric and electronic equipment		80.3 74.5	81.9 79.3	83.6 84.9
Motor vehicles and equipment		46.6	48.8	50.0
Other transportation equipment	31.5	33.9	36.7	39.1
Instruments and related products	16.9 7.6	18.1 7.7	19.0 7.7	20.1 7.8
Nondurable goods		362.7	369.5	379.0
Food and kindred products	69.5	71.5	73.6	76.2
Tobacco manufactures		6.1	6.5	6.9
Textile mill products		20.1 6.8	20.0 6.8	20.3 6.9
Paper and allied products	50.3	52.5	54.5	56.8
Printing and publishing	27.2	29.1	30.9	33.3
Chemicals and allied products	96.3 54.0	96.8 54.2	97.5 53.5	98.8 53.2
Rubber and miscellaneous plastic products		23.9	24.6	25.0
Leather and leather products		1.7	1.6	1.6
Transportation and public utilities	1,047.1	1,074.7	1,114.2	1,154.3
Transportation	284.8	286.7	284.5	284.6
Railroad transportation	108.5 4.1	111.6 4.1	108.4 4.3	108.0 4.3
Local and interurban passenger transit Trucking and warehousing	54.1	55.4	57.6	59.0
Water transportation	38.7	37.6	37.3	36.9
Transportation by air	40.1 21.6	38.3 21.8	37.7 21.9	37.6 21.8
Transportation services	17.7	17.8	17.2	17.1
Communication		327.8	348.6	366.8
Telephone and telegraph	306.2	309.9	329.6	346.7
Radio and television broadcasting		17.9	19.0	20.1
Electric, gas, and sanitary services Electric services		460.2 368.5	481.1 386.5	502.9 405.8
Gas services	79.3	79.4	81.5	83.4
Sanitary services	. 11.4	12.3	13.2	14.2
Wholesale trade	. 141.0	154.6	170.9	186.4
Retail trade	. 224.4	244.4	263.5	286.7
Finance, insurance, and real estate	626.3	672.1	727.1	788.6
Banking	. 73.6	79.8	91.4	103.9
Credit agencies other than banks		56.1	61.7	66.2
Security and commodity brokers, and services Insurance carriers		3.6 21.0	4.4 28.5	5.0 36.3
Insurance agents and brokers, and services		2.8	2.8	2.8
Real estate	469.7	499.2	526.5	560.9
Holding and other investment companies		9.7	11.8	13.5
Services	307.4	329.6	357.1	387.4
Hotels and other lodging places	54.7 14.0	60.5	66.5 14.5	73.3
Personal services Business services		14.2 79.8	87.6	15.0 95.0
Auto repair, services, and garages	52.2	57.3	63.2	68.
Miscellaneous repair services		7.8	8.1	8.
Motion pictures		5.9 21.9	6.2 23.1	6. 24.
Other services		82.2	87.8	94.
Health services		52.5		62.
Legal services Educational services				7.
Other 2		22.6		23.
Residential	1	1	1	
		1 '	1 1	3,990.
Farms				3,926.
****** CBMC	" ",240.0	0,440.1	3,024.0	0,020.0

Estimates are as of the end of the year.
 Consists of social services, membership organizations, and miscellaneous professional

Estimates are as of the end of the year.
 Consists of social services, membership organizations, and miscellaneous professional

Table 3.—Constant-Cost Gross Stock of Fixed Private Capital, Nonresidential and Residential, by Industry, 1984-87 $^{\rm 1}$

[Billions of 1982 dollars]

Table 4.—Constant-Cost Net Stock of Fixed Private Capital, Nonresidential and Residential, by Industry, 1984-87 ¹

[Billions of 1982 dollars]

(Billions of 1982 dollar	. 8]		7,0		(Difficults of 1502 dotte	191	-		
	1984	1985	1986	1987		1984	1985	1986	1987
Fixed private capital	10,903.8	11,254.4	11,601.6	11,945.4	Fixed private capital	6,534.6	6,741.0	6,939.6	7,131.7
Nonresidential	6.127.5	6,348.3	6,544.7	6,738.6	Nonresidential	3,456.2	3,576.5	3,670.4	3.759.7
Agriculture, forestry, and fisheries	351.8	343.7	333.7	325.0	Agriculture, forestry, and fisheries		173.1	164.3	157.6
Farms	321.7	312.8	302.4	293.2	Farms		156.8	147.8	140.7
Agricultural services, forestry, and fisheries	30.1	30.9	31.3	31.8	Agricultural services, forestry, and fisheries	16.0	16.4	16.5	16.9
Mining	537.4	548.9	541.1	530.1	Mining	288.7	289.0	273.0	256.8
Metal mining	32.0	32.0	31.5	31.0	Metal mining	15.9	15.5	14.7	14.1
Coal mining Oil and gas extraction	43.7 441.0	43.7 452.9	43.1 446.9	42.4 438.1	Coal mining	24.5 237.9	23.5 240.0	22.4 226.7	21.3 212.9
Nonmetallic minerals, except fuels	20.7	20.3	19.5	18.6	Nonmetallic minerals, except fuels		9.9	9.2	8.5
Construction	103.0	100.5	98.8	96.7	Construction		51.5	50.9	50.1
Manufacturing		1,393.5	1,415.7	1,435.4	Manufacturing		758.0	761.1	763.3
Durable goods	750.1	773.3	789.9	805.0	Durable goods	413.4	424.5	428.8	432.4
Lumber and wood products	31.1	30.7	30.2	29.8	Lumber and wood products	15.3	14.9	14.5	14.4
Furniture and fixtures	10.6 52.9	10.9 52.5	11.1 52.0	11.5 51.5	Furniture and fixtures	5.8 25.6	5.9 25.0	6.0 24.4	6.3 23.9
Primary metal industries	162.8	162.3	159.9	157.8	Primary metal industries	83.0	80.9	77.2	74.3
Fabricated metal products	82.9	84.9	86.9	88.7	Fabricated metal products	46.6	47.3	47.9	48.4
Machinery, except electrical	128.1 103.8	134.9 112.3	139.3 118.9	143.6 125.5	Machinery, except electrical Electric and electronic equipment	76.8 64.5	80.3 70.3	81.3 73.7	82.2 77.1
Motor vehicles and equipment	84.3	86.0	88.2	88.9	Motor vehicles and equipment	42.8	43.7	45.0	45.2
Other transportation equipment	52.7	55.8	59.1 30.7	61.8 32.3	Other transportation equipment	29.7	31.8	33.8	35.3
Instruments and related products	27.4 13.5	29.3 13.5	13.6	32.3 13.5	Instruments and related products Miscellaneous manufacturing industries	16.1 7.2	17.3 7.1	17.9 6.9	18.6 6.8
Nondurable goods	610.1	620.1	625.8	630.4	Nondurable goods	330.7	333.5	332.3	330.8
Food and kindred products	120.1	122.1	123.6	125.1	Food and kindred products	64.4	65.1	65.4	65.6
Tobacco manufactures Textile mill products	8.3 37.3	8.8 37.1	9.3 36.5	9.7 36.1	Tobacco manufactures	5.3	5.6 18.0	5.9 17.5	$\frac{6.1}{17.2}$
Apparel and other textile products	12.5	12.3	12.1	12.0	Textile mill products	18.3 6.4	6.3	6.1	6.0
Paper and allied products	84.8	87.4	89.6	91.6	Paper and allied products	47.2	48.5	49.3	49.9
Printing and publishing	45.6 168.9	48.2 170.0	50.2 170.1	52.6 169.5	Printing and publishing	25.6 90.3	27.3 89.6	28.4 88.3	29.9 86.7
Petroleum and coal products	89.0	89.6	89.2	88.5	Petroleum and coal products	50.3	49.6	47.9	46.1
Rubber and miscellaneous plastic products	40.6	41.8	42.3 2.9	42.4 2.9	Rubber and miscellaneous plastic products	21.2	22.0	22.2	22.0
Leather and leather products	3.0	3.0	ł .		Leather and leather products	1.6	1.5	1.5	1.4
Transportation and public utilities	1,755.3	1,795.5	1,836.5 536.2	1,871.5 529.7	Transportation and public utilities		990.8	1,010.6	1,024.4
Transportation	546.2 236.9	541.2 232.2	226.4	220.6	Transportation	270.3 103.1	265.2 101.4	260.4 98.7	254.7 95.8
Local and interurban passenger transit	9.0	8.8	8.7	8.5	Local and interurban passenger transit	3.8	3.8	3.8	3.8
Trucking and warehousing	92.7 63.7	93.3	95.0	96.0 63.5	Trucking and warehousing		49.3	50.0	50.2
Water transportation Transportation by air		63.9 71.6	64.0 70.7	69.7	Water transportation Transportation by air		36.5 36.8	35.7 35.7	34.3 34.6
Pipelines, except natural gas	36.8	36.9	36.8	36.8	Pipelines, except natural gas	20.9	20.6	20.2	19.7
Transportation services	34.4	34.5	34.5	34.6	Transportation services		16.8	16.4	16.3
Communication	476.4 450.2	498.0 470.6	520.5 491.9	540.3 510.6	Communication		295.6 279.6	306.6 290.0	314.6 297.6
Radio and television broadcasting	26.3	27.4	28.7	29.7	Radio and television broadcasting		16.0	16.6	17.0
Electric, gas, and sanitary services	732.7	756.3	779.8	801.5	Electric, gas, and sanitary services		430.0	443.6	455.1
Electric services	567.2 146.2	590.2 145.7	611.0 146.9	629.7 148.5	Electric services	328.2 76.7	343.6	356.8	366.4
Gas services Sanitary services	19.3	20.4	21.8	23.3	Gas services Sanitary services		74.8 11.7	74.8 12.6	75.1 13.6
Wholesale trade		243.2	267.1	291.7	Wholesale trade	1	152.9	168.3	182.9
Retail trade	339.6	360.0	379.3	400.3	Retail trade		218.9	230.5	243.1
Finance, insurance, and real estate		1,034.1	1,110.7	1,191.8	Finance, insurance, and real estate	4.1	633.5	682.7	732.2
Banking		138.4	159.2	183.4	Banking		85.7	99.9	115.9
Credit agencies other than banks	85.9	95.5	105.2	114.4	Credit agencies other than banks	51.4	58.0	64.2	69.2
Security and commodity brokers, and services Insurance carriers		6.2 37.9	7.9 52.4	9.8 69.6	Security and commodity brokers, and services		4.3 26.3	5.6 37.8	6.8 50.4
Insurance agents and brokers, and services	5.4	5.6	5.7	5.8	Insurance carriers		3.0	3.1	3.1
Real estate	704.6	734.3	759.7	783.6	Real estate	427.7	444.7	457.6	469.3
Holding and other investment companies	13.0	16.3	20.6	25.1	Holding and other investment companies	8.9	11.4	14.6	17.5
Services		528.9	561.8	596.1	Services	289.4	308.9	329.1	349.3
Hotels and other lodging places Personal services	84.9 24.1	90.9 24.1	96.7 24.2	102.4 24.4	Hotels and other lodging places Personal services	49.7 12.9	53.9 13.0	58.0 13.0	61.6 13.0
Business services	124.0	134.5	146.1	158.2	Business services	74.0	80.5	87.5	94.5
Auto repair, services, and garages	85.3 12.3	90.5 12.7	96.5 13.1	102.8 13.5	Auto repair, services, and garages	. 49.3 6.9	52.6 7.2	56.6	60.6 7.5
Motion pictures	10.4	10.8	11.3	11.7	Miscellaneous repair services		7.2 5.8	$7.3 \\ 6.1$	6.4
Amusement and recreation services	36.4	37.8	38.9	40.0	Amusement and recreation services	. 19.1	20.1	20.9	21.6
Other services	120.7 73.3	127.5 78.4	135.0 83.7	143.1 89.6	Other services	. 72.0 . 45.1	75.8 48.0	79.7 51.0	84.1 54.3
Legal services	8.4	9.4	10.5	11.8	Legal services		5.5	6.4	7.2
Educational services	2.7	3.0	3.3	3.7	Educational services	. 1.4	1.6	1.9	2.1
Other ²	36.2	4	37.4	38.1	Other ²	20.7	20.6	20.5	20.4
Residential	4,776.2	4,906.1	5,056.9	5,206.8	Residential	3,078.4	3,164.4	3,269.2	3,372.0
Farms	133.1 4,643.1	131.7 4,774.4	129.6 4,927.2		FarmsReal estate	57.3 3,021.1	56.5 3,108.0	55.0 3,214.2	54.0 3,318.0

Data Availability

Annual estimates through 1987 of gross and net stocks, depreciation, and discards in historical-cost, constant-cost, and current-cost valuations for the types of wealth shown in tables 1-20, together with the investment data used to derive the wealth estimates, are available on computer tape. To order the tape, 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, GA 30384, specifying BEA Wealth Data Tape (Accession No. BEA NIW 87-001) and include a check or money order for \$200.00, payable to "Economic and Statistical Analysis/BEA."

Estimates are as of the end of the year.
 Consists of social services, membership organizations, and miscellaneous professional

Estimates are as of the end of the year.
 Consists of social services, membership organizations, and miscellaneous professional services.

Table 5.—Current-Cost Gross Stock of Fixed Nonresidential Private Capital, by Major Industry Group and Legal Form of Organization, 1984-87

		Total					By majo	r indust	ry group						В	y legal fo	orm of or	ganizatio	n		
					Farms		Ma	nufactur	ing		Nonfarm				Corp	orate			No	ncorpor	ate
.,	Equip-	<u> </u>	(Ī						nonn	nanufact	uring		Total		N	onfinanc	ial	_ ·		
Yearend	ment and struc- tures	Equip- ment	Struc- tures	Equipment and structures	Equip- ment	Struc- tures	Equip- ment and struc- tures	Equip- ment	Struc- tures	Equipment and structures	Equip- ment	Struc- tures	Equipment and structures	Equip- ment	Struc- tures	Equipment and structures	Equip- ment	Struc- tures	Equipment and structures	Equip- ment	Struc- tures
1984 1985 1986 1987	6,432.9 6,706.4 6,993.4 7,354.4	3,286.6 3,446.8	3,279.7 3,419.8 3,546.6 3,747.4	354.8 350.1 344.3 342.1	186.8 178.5 168.8 160.0	168.0 171.6 175.4 182.0	1,444.0 1,497.2 1,549.6 1,609.3	962.2 997.8 1,032.4 1,066.1	517.2			2,748.7	5,121.7 5,360.5	2,633.6 2,763.9 2,922.0 3,079.0	2,357.8 2,438.5	4,858.9 5,060.8	2,601.9	2,327.4	1,533.5 1,584.7 1,632.9 1,704.7	519.5 522.8 524.9 527.9	1,062.0

Table 6.—Current-Cost Net Stock of Fixed Nonresidential Private Capital, by Major Industry Group and Legal Form of Organization, 1984-87
[Billions of dollars]

			·· ···········	
1984			8.1 1,115.6 1,542.5 2,760.5 1,462.4 1,298.1	
1985 3,771.7 1,796.5 1,975.1	175.7 79.4 96.3	811.7 541.9 269.8 2,78	4.3 1,175.2 1,609.1 2,880.9 1,532.6 1,348.3	2,720.0 1,429.9 1,290.1 890.7 263.9 626.8
1986	168.7 72.5 96.3	830.2 554.6 275.6 2,91		2 2,820.8 1,497.3 1,323.5 910.2 262.0 648.2
1987 4,100.6 1,963.5 2,137.0	165.0 67.6 97.4	852.9 567.7 285.1 3,08	2.6 1,328.2 1,754.5 3,155.8 1,700.7 1,455.1	2,944.1 1,564.1 1,379.9 944.8 262.8 682.0

Table 7.—Constant-Cost Gross Stock of Fixed Nonresidential Private Capital, by Major Industry Group and Legal Form of Organization, 1984-87
[Billions of 1982 dollars]

1004		
1984		490.3 938.6
1985		490.1 962.6
1986	8 1,470.5	487.2 983.3
1987	4 1,488.5	486.2 1,002.3

Table 8.—Constant-Cost Net Stock of Fixed Nonresidential Private Capital, by Major Industry Group and Legal Form of Organization, 1984-87
[Billions of 1982 dollars]

1987	1985	3,576.5 1, 3,670.4 1,	806.8 1,	,793.6 ,839.0 ,863.7 ,880.7	165.7 156.8 147.8 140.7	79.1 72.2 65.5 60.9	86.7 84.5 82.3 79.8	744.2 758.0 761.1 763.3	508.0 521.1 525.5 529.7	236.1 236.9 235.6 233.6	2,661.8 2,761.6	1,144.2	1,517.6 1,545.8	2,760.7 2,852.9	1,562.1	1,271.9 1,290.8	2,585.9 2,645.1	1,365.2 1,410.4	1,187.9 1,220.7 1,234.7 1,241.7	810.5 815.9 817.5 820.9	251.6 248.7 244.7 243.5	56 57
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Table 9.—Current-Cost Gross Stock of Residential Capital, by Type of Owner, Legal Form of Organization, and Tenure Group, 1984-87
[Billions of dollars]

			В	y type of owner	and legal form	of organizatio	n			By tenur	e group 1	
Yearend	Total		Pi	rivate			Government		Owner-o	occupied	Tenant-	occupied
rearend	Total	Total	Corp	porate	N7	Total	Federal	State and	Farm	Nonfarm	Farm	Nonfarm
		Total	Total	Nonfinancial	Noncorporate	Total	rederai	local	rarm	Nomarm	ram	Nomarm
1984	5,239.5 5,510.2 5,816.9 6,283.4	5,133.0 5,398.5 5,699.5 6,157.2	77.8 80.7 83.0 87.8	77.8 80.7 83.0 87.8	5,055.2 5,317.8 5,616.5 6,069.5	106.5 111.7 117.4 126.1	35.0 37.4 40.5 44.5	71.5 74.3 76.9 81.6	134.3 135.9 136.9 141.4	3,469.0 3,644.3 3,879.1 4,214.3	19.9 20.0 20.1 20.7	1,581.3 1,674.2 1,744.1 1,868.2

Table 10.—Current-Cost Net Stock of Residential Capital, by Type of Owner, Legal Form of Organization, and Tenure Group, 1984-87

[Billions of dollars]

984 3,377.4 3,308.4 44.9 44.9 3,263.4 69.1 22.9 46.2 58.5 2,316.3 7.2 978.5 985 3,554.8 3,483.0 46.5 46.5 3,436.4 71.8 24.5 47.3 58.8 2,436.4 7.1 1,035.4 986 3,761.1 3,686.1 47.7 47.7 3,638.3 75.1 26.8 48.3 58.7 2,602.4 7.1 1,075.9 987 4,070.4 3,990.5 50.4 50.4 3,940.1 79.9 29.5 50.4 60.3 2,836.0 7.2 1,149.2

Table 11.—Constant-Cost Gross Stock of Residential Capital, by Type of Owner, Legal Form of Organization, and Tenure Group, 1984-87
[Billions of 1982 dollars]

					Ferrance or .							
1984		4,776.2	72.6	72.6	4,703.6	99.3	32.7	66.6	124.5	3,225.7	18.6	1,474.1
1985	5,007.5	4,906.1	73.6	73.6	4,832.5	101.4	34.0	67.4	123.2	3,309.8	18.2	1,523.8
1986		5,056.9	73.9	73.9	4,983.0	104.0	35.9	68.2	121.3	3,438.5	17.9	1,550.8
1987	5,313.0	5,206.8	74.4	74.4	5,132.4	106.2	37.5	68.7	119.8	3,560.9	17.5	1,582.2

Table 12.—Constant-Cost Net Stock of Residential Capital, by Type of Owner, Legal Form of Organization, and Tenure Group, 1984-87

					[Billions of 1	1982 dollars]						
1984	3.142.8	3.078.4	41.0	41.0	3,036.5	64.4	21.3	43.0	54.2	2.154.2	0.77	911.9
1985	3,142.8 3,229.7	0.101.1	41.9	41.9 42.4		65.2	21.3 22.2	43.0	53.4	2,154.2	0.1	942.0
1986		3,164.4	42.4 42.4	42.4	3,122.1 3,226.7	66.5	23.7	42.8	52.0	2,306.1	6.3	956.1
1987		9 979 0	42.7	42.4	3,329.4	67.3	24.8	42.5	51.1	2,394.3	C 1	972.7
1001	0,407.0	3.312.0	1 42.1	46.1	0.049.4	6.10	44.0	44.0	1 51.1	4,074.0	0.1	714.1

^{1.} Excludes stocks of other nonfarm residential capital, which consists of dormitories, fraternity and sorority houses, nurses' homes, etc.

Table 13.—Current-Cost Gross Stock of Government-Owned Fixed Capital, 1984-87

[Billions of dollars]

			To	tal							Federal					Sta	ate and lo	cal
		Total		Excl	ıding mili	tary		Total		Excl	uding mili	tary		Military		D		
Yearend	Equipment and structures	Equip- ment	Struc- tures	Equipment and structures	Equip- ment	Struc- tures	Equipment and structures	Equip- ment	Struc- tures	Equipment and structures	Equip- ment	Struc- tures	Equipment and structures	Equip- ment	Struc- tures	Equip- ment and struc- tures	Equip- ment	Struc- tures
1984	3,561.3 3,847.9 3,965.4 4,143.2	789.5 795.9 840.6 878.9	2,821.8 3,052.1 3,124.7 3,264.3	2,853.0 3,064.1 3,142.0 3,289.4	225.3 236.1 250.1 265.0	2,627.7 2,828.0 2,891.9 3,024.4	1,161.7 1,257.2 1,307.5 1,359.5	595.4 641.6 673.7 701.0	566.2 615.6 633.8 658.5	453.4 473.3 484.2 505.7	81.3 81.8 83.2 87.1	372.1 391.5 401.0 418.6	708.3 783.9 823.3 853.8	514.1 559.8 590.5 613.9	194.1 224.1 232.8 239.9	2,399.6 2,590.8 2,657.8 2,783.7	144.0 154.3 166.9 177.9	2,255.6 2,436.5 2,490.9 2,605.8

Table 14.—Current-Cost Net Stock of Government-Owned Fixed Capital, 1984-87

[Billions of dollars]

1984	2,100.4	407.5	1.692.9	1,724.8	117.7	1,607.1	633.3	331.2	302.1	257.7	41.4	216.3	375.6	289.8	85.8	1.467.1	76.3	1,390.8
1985	2,259.5	445.5	1,814.0	1,842.7	127.0	1.715.7	688.7	362.2	326.5	271.9	43.7	228.2	416.7	318.4	98.3	1,570.8	83.3	1.487.5
1986	2,321.5	476.7	1.844.7	1.880.7	137.3	1.743.4	719.9	384.6	335.3	279.1	45.2	233.9	440.8	339.5	101.4	1,601.6		1,509.5
1987	2,423.2	505.3	1.918.0	1,961.4	148.5	1.812.9	755.3	405.1	350.2	293.4	48.3	245.1	461.8	356.8	105.0	1,668.0	100.2	1,567.8
****	-,0.2	1 500.0	1,010.0	2,001.2	1 10.0	1,010.0	. 00.0	200.1	000.2	-50.2	20.0	-10.1	-01.0	500.0	_00.0	_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,	,.,.,.

Table 15.—Constant-Cost Gross Stock of Government-Owned Fixed Capital, 1984-87

[Billions of 1982 dollars]

1984	3,347.8	689.0	2,658.8	2,682.0	214.0	2,468.0	1,097.5	552.1	545.4	431.7	77.0	354.7	665.8	475.1	190.7	2,250.3	136.9	2,113.3
	3,422.5	725.1	2,697.4	2,727.0	220.4	2,506.6	1,132.6	581.9	550.7	437.1	77.1	360.0	695.5	504.8	190.7	2,289.9	143.2	2,146.6
	3,501.5	764.3	2,737.2	2,772.7	226.9	2,545.9	1,167.8	613.5	554.3	439.1	76.1	363.0	728.7	537.4	191.3	2,333.7	150.8	2,182.9
	3,593.7	816.5	2,777.2	2,824.4	237.8	2,586.6	1,215.6	657.0	558.6	446.3	78.3	368.0	769.3	578.7	190.6	2,378.1	159.5	2,218.6
2001	0,000	020.0	_,	_,0_1		_,000.0	1,210.0	00110	000.0				,,,,,,,	1		,		_,

Table 16.—Constant-Cost Net Stock of Government-Owned Fixed Capital, 1984-87

[Billions of 1982 dollars]

$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

Table 17.—Current-Cost Gross Stock of Durable Goods Owned by Consumers, by Type, 1984-87

[Billions of dollars]

		Motor v	ehicles ¹		Furniture	and household	equipment			Ot	her	
Yearend	Total	Autos	Other	Furniture, including mattresses and bedsprings	Kitchen and other household appliances ²	China, glassware, tableware, and utensils	Other durable house furnishings ³	Radio and television receivers, records, and musical instruments	Jewelry and watches	Ophthalmic products and orthopedic appliances	Books and maps	Wheel goods, durable toys, sports equipment, boats, and pleasure aircraft
1984	2,817.1	915.5 1,025.3 1,145.7 1,242.9	170.5 193.1 217.3 239.6	321.4 339.8 356.7 375.0	200.8 205.7 217.1 223.8	105.7 111.0 119.0 125.6	228.3 241.0 251.6 268.7	182.8 192.7 207.8 233.3	172.9 180.0 199.3 228.0	36.6 40.1 45.1 51.4	78.1 83.2 86.9 90.2	193.7 205.3 217.8 239.8

Table 18.—Current-Cost Net Stock of Durable Goods Owned by Consumers, by Type, 1984-87

[Billions of dollars]

1984		378.9	88.2	172.6	106,9	54.8	120.7	105.1	95,6	19.2	39,4	104.5
1985		428.5	103.2	182.4	110.5	58.0	127.6	113.6	99.3	21.3	41.9	111.4
1986		487.9	118.2	191.9	117.9	62.8	133.8	124.6	110.3	24.3	43.7	119.4
1987	1,684.1	543.9	131.8	202.3	122.7	66.7	143.6	140.5	125.8	28.0	45.7	133.0

Table 19.—Constant-Cost Gross Stock of Durable Goods Owned by Consumers, by Type, 1984-87

[Billions of 1982 dollars]

71.0 33.5	67.7 185.0
79.7 35.6	67.9 195.0
89.7 38.3	68.1 207.1
98.8 41.5	69.0 221.2

Table 20.—Constant-Cost Net Stock of Durable Goods Owned by Consumers, by Type, 1984-87

[Billions of 1982 dollars]

1984		360.5	83.9	162.2	104.8	53.8	113.7	116.7	94.6	17.6	34.2	99.8
1985	1,326.6	388.9	93.5	166.9	110.5	55.9	117.6	135.4	99.1	19.0	34.2	105.8
1986	1,423.7	421.3	101.9	172.6	117.2	58.4	122.6	156.3	105.0	20.7	34.2	113.5
1987	1,527.7	457.8	110.8	178.7	124.3	60.7	128.1	177.2	109.7	22.6	35.0	122.7
		ł			1		ŀ			1		1 .

^{1.} Includes tires, tubes, accessories, and other parts.

Consists of refrigerators and freezers, cooking ranges, dishwashers, laundry equipment, stoves, air conditioners, sewing machines, vacuum cleaners, and other appliances.

^{3.} Includes such house furnishings as floor coverings, comforters, quilts, blankets, pillows, picture frames, mirrors, art products, portable lamps, and clocks. Also includes writing equipment and hand, power, and garden tools.

The National Income and Product Accounts of the United States,1929-82



This publication presents the estimates of the national income and product accounts (NIPA's) that resulted from the comprehensive revision released in late 1985. The revision incorporated definitional and classificational changes, statistical changes reflecting newly available source data and new estimating procedures, and updating of the base year for calculating real GNP to 1982. The complete set of 130 NIPA tables, in nine parts, are included. The nine parts are:

- 1. National Product and Income
- 2. Personal Income and Outlays
- 3. Government Receipts and Expenditures
- 4. Foreign Transactions
- 5. Savings and Investment

- 6. Product, Income and Employment by Industry
- 7. Fixed-Weighted Price Indexes and Implicit Price Deflators
- 8. Supplementary Tables
- 9. Seasonally Unadjusted Estimates

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CURRENT BUSINESS STATISTICS

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									—т							
Unless otherwise stated in footnotes below, data through 1986 and methodological notes are as shown in	Ann 1986	ual 1987	June	July	Aug.	1987 Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	1988 Apr.	May	June	July
Business Statistics: 1986	1986	1987	June	July	Aug.	зері,	Oet.	Nov.	Dec.	Jan.	reb.	mar.	Apr.	May	Julie	
			GE	NERA	L BUSI	NESS I	NDICA	TORS								
PERSONAL INCOME BY SOURCE †		- 1	}		}				j							
Seasonally adjusted, at annual rates: Total personal incomebil. \$	3,531.1	3,780.0	3,747.1	3,778.6	3,803.7	3,820.8	3,897.2	3,884.1	3,939.0	3,921.8	3,946.7	3,985.9	r3,999.3	r4,020.6	74,046.0	4,071.2
Wage and salary disbursements,	'	1		0047.0	2 200 0	0.070.4	0.000.0	0.010.7	0.050.5	0.040.0	0.050.0	0.054.5	2.394.0	r2,408.5	⁷ 2,427.4	2,451.9
totaldo Commodity-producing industries,	2,094.0	2,248.4	2,231.8	2,247.6	2,269.0	2,278.6	2,302.9	2,318.7	2,353.5	2,342.3	2,359.0	2,374.7		r687.7	·	
totaldo Manufacturingdo	625.5 473.1	649.8 490.3	645.7 486.2	647.9 488.2	652.9 492.1	657.6 497.4	662.9 499.8	667.3 502.3	666.3 501.8	669.4 505.2	673.5 507.3	685.0 516.3	685.1 514.3	7516.8	694.6 521.2	699.9 525.0
Distributive industriesdo Service industriesdo	498.9 575.9	531.7 646.8	527.6 639.6	533.0 645.8	537.7 655.4	539.9 656.1	545.7 667.4	547.6 674.7	548.6 706.4	554.8 683.1	559.3 689.0	560.4 690.2	568.5 699.5	7571.6 7706.1	7576.4 7711.4	584.1 720.9
Govt. and govt. enterprisesdo	393.7 196.1	420.1 207.9	418.9	421.0	423.0	425.0	426.9	429.2 212.4	432.3 213.3	435.0 214.0	437.1 214.6	439.0 215.2	441.0 215.8	443.0 216.4	445.0 217.4	447.0 218.5
Other labor incomedo Proprietors' income: ‡			206.9	208.3	209.3	210.3	211.4						r43.6	r44.1	740.5	32.4
Farmdo Nonfarmdo	36.4 250.3	43.0 270.0	38.2 265.8	41.0 268.9	33.6 272.4	31.1 273.3	67.9 277.8	31.6 278.6	41.4 280.6	35.9 278.6	41.5 279.0	56.8 279.9	7282.8	⁷ 285.2	r288.2	290.7
Rental income of persons with capital consumption adjustmentbil. \$	12.4	18.4	17.4	17.7	18.0	18.5	19.5	20.5	21.5	20.8	20.5	20.2	r19.3	r18.9	r18.8	19.4
Dividends do Personal interest income do	82.8 499.1	88.6 527.0	88.1 521.2	89.0 526.9	90.0 533.0	90.6 539.0	91.3 545.0	91.9 550.0	92.4 555.1	92.8 554.4	93.6 554.1	94.0 554.1	94.7 7558.8	95.0 7563.7	95.4 7568.7	$96.3 \\ 571.7$
Transfer paymentsdo Less: Personal contributions for	521.1	548.8	548.7	550.9	551.6	552.7	556.4	556.1	555.1 557.9	572.2	574.6	582.2	582.8	582.2	7584.1	586.3
social insurancedo Total nonfarm incomedo	161.1 c3,472.5	172.0 c3,716.0	171.0 3,688.0	171.7 3,716.8	173.1 3,749.2	173.4 3,768.8	175.1 3,808.5	175.8 3,831.9	176.8 3,877.1	189.1 3,865.5	190.2 3,884.7	191.2 3,908.7	192.4 73,934.8	^r 193.4 3,955.4	'194.6 '3,984.1	195.9 4,017.6
DISPOSITION OF PERSONAL INCOME †						1	·									
Seasonally adjusted, at annual rates:	0.501.1	0.500.0	0.545.1	0.550.0	0.000.7	0.000.0	0.007.0	0.004.1	2 000 0	9 001 0	3,946.7	3,985.9	r3,999.3	r4,020.6	4,046.0	4,071.2
Total personal incomebil. \$ Less: Personal tax and nontax	3,531.1	3,780.0	3,747.1	3,778.6	3,803.7	3,820.8	3,897.2	3,884.1	3,939.0	3,921.8	· 1		.,	r579.9	r579.6	584.2
paymentsdo Equals: Disposable personal incomedo	511.4 3,019.6	570.3 3,209.7	566.1 3,181.1	570.9 3,207.8	577.1 3,226.6	580.5 3,240.3	585.2 3,312.0	588.2 3,295.9	599.5 3,339.5	578.1 3,343.7	570.0 3,376.7	579.5 3,406.4	643.5 73,355.8	73,440.7	73,466.4	3,487.0
Less: Personal outlaysdo Personal consumption expendituresdo	2,898.0 2,807.5	3,105.5 3,012.1	3,108.3 3,015.2	3,128.6 3,035.0	3,167.6 3,073.5	3,160.7 3,066.0	3,156.5 3,061.4	3,165.7 3,070.3	3,193.1 3,097.0	3,206.9 3,109.8	3,222.9 3,125.4	3,247.2 3,149.0	73,259.3 73,160.6	r3,284.5 r3,185.3	73,321.2 73,221.4	3,337.5 3,237.1
Durable goods do Nondurable goods do	406.5 943.6	421.9 997.9	427.7 1,001.4	433.1 1,002.0	449.8 1,009.8	441.3 1,008.0	415.4 1,006.8	419.6 1,011.5	431.0 1,018.8	437.1 1,009.1	437.4 1,011.9	438.9 1,027.5	7442.5 71,025.5	7445.1 71,038.1	7457.1 71,043.6	$457.1 \\ 1,047.1$
Servicesdo Interest paid by consumers to	1,457.3	1,592.3	1,586.2	1,600.0	1,613.9	1,616.7	1,639.2	1,639.2	1,647.2	1,663.6	1,676.0	1,682.6	r1,692.7	1,702.1	71,720.7	1,732.9
businessdo Personal transfer payments to	89.1	92.1	91.7	92.3	92.8	93.5	93.9	94.3	95.0	95.9	96.4	97.1	97.5	98.1	798.7	99.3
foreigners (net)do	1.4	1.3	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.1: 796.6	1.1 7156.2	1.1 '145.1	1.1 149.5
Equals: personal savingdo Personal saving as percentage of disposable	121.7	104.2	72.8	79.2	59.0	79.6	155.5	130.2	146.4	136.9	153.8	159.1	*4.0	r3.9	4.3	
personal income §percent Disposable personal income in constant (1982)	4.0	3.2	2.8	2.2	2.3	3.0	3.7	4.3	4.1	4.3	4.4	4.0	4.0	6,6		
dollarsbil. \$ Personal consumption expenditures in	2,640.9	2,686.3	2,664.4	2,682.2	2,686.3	2,683.3	2,731.0	2,710.5	2,745.1	2,739.8	2,768.0	2,779.2	r2,722.2	^r 2,778.9		
constant (1982) dollarsdo Durable goodsdo	2,455.2 385.0	2,521.0 390.9	2,525.5 396.3	2,537.8 400.4	2,558.9 414.0	2,538.9 405.2	2,524.4 382.0	2,525.0 385.6	2,545.8 395.2	2,548.1 399.8	2,562.0 401.7	2,569.2 402.0	72,563.8 7404.9	^r 2,572.6 ^r 406.8	2,595.2 416.1	
Nondurable goods	879.5 1,190.7	890.5 1,239.5	891.0 1,238.1	891.7 1,245.7	894.7 1,250.1	889.2 1,244.5	885.8 1,256.6	889.1 1,250.2	$896.6 \\ 1,254.1$	887.7 1,260.7	892.1 1,268.2	898.3 1,269.0	7888.0 71,271.0	7893.5 71,272.3	896.7 1,282.3	
Implicit price deflator for personal consumption expendituresindex, 1982=100	114.3	119.5	119.4	119.6	120.1	120.8	121.3	121.6	121.7	122.0	122.0	122.6	123.3	r123.8	124.1	
INDUSTRIAL PRODUCTION \Diamond	1		i i		. !				İ							
Federal Reserve Board Index of Quantity Output															•	
Not Seasonally Adjusted Total index1977 = 100	125.1	129.8	131.9	128.7	134.3	135.3	135.2	132.7	129.9	130.8	134.2	134.1	133.9	r135.0	P139.5	135.6
By industry groupings:												ĺ				
Mining and utilitiesdododo	103.5 129.1	104.3 134.7	103.0 137.4	103.9 133.5	109.2 139.2	106.2 140.9	104.7 141.0	106.9 137.5	108.1 134.0	111.8 134.4	111.2 138.5	106.1 139.4	7103.5 139.6	101.8 *141.2	₽107.7 ₽145.5	*108.4 *140.8
Nondurable manufacturesdo	130.1 128.4	136.8 133.1	140.5	138.7 129.8	145.0 135.0	145.8 137.3	143.0 139.6	139.1 136.3	135.0 133.3	134.2 134.6	138.4 138.6	139.2 139.5	7139.8 7139.4	7140.6 7141.6	P146.4 P144.9	'143.8 '138.6
Durable manufacturesdo Seasonally Adjusted	128.4	135.1	135,3	129.8	199.0	191.9	199.6	190.5	100.0	104.0	0.061	105.0	100.4	141.0	174.0	100.0
Total indexdo	125.1	129.8	129.1	130.6	131.2	131.0	132.5	133.2	133.9	134.4	134.4	134.7	135.4	136.1	p136.6	137.7
By market groupings: Products, totaldo	133.3	138.3	137.8	139.5	139.9	139.4	140.9	141.0	141.3	142.7	143.4	143.6	r144.1	r144.9	^p 145.4	°146.1
Final productsdo	132.4	136.8 127.8	136.2 127.2	137.9 128.9	138.4 129.4	137.8 127.7	139.3 129.0	139.2 129.4	139.8 129.8	141.1 131.2	141.6 131.3	141.8 131.2	7142.5 7131.9	r143.3 132.5	p143.9 p133.0	144.8 133.4
Consumer goodsdo	124.0	121.8	121.2	140.9	123.4	121.1	123.0	123.4	120.0	101.2	101.0	101.2	101.5	102.0	100.0	100.4

Unless otherwise stated in footnotes	Ann	ual				1987							1988	*		
below, data through 1986 and methodological notes are as shown in BUSINESS STATISTICS: 1986	1986	1987	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Мау	June	July
		Gl	ENERA	L BUSI	NESS	INDICA	ATORS	-Conti	nued				-			
INDUSTRIAL PRODUCTION &—Continued						Ì										
Seasonally Adjusted—Continued											ĺ	Ì	Î	I		
y market groupings—Continued Final products—Continued		l						1		1	Ì	Ì	Ì	ì		
Durable consumer goods 1977 = 100	115.6	120.2	117.4	120.4	121.2	118.6	124.3	123.9	120.3	121.7	120.6	120.4	r123.3	^r 125.7	p125.2	€12
Automotive products do Autos and trucks, consumerdo	115.3 112.9	118.5 115.1	114.9 107.9	$117.5 \\ 112.3$	118.0 112.4	114.2 107.2	124.3 122.2	121.3 118.7	115.4 110.2	118.7 112.8	117.6 111.8	120.6 116.4	121.9 118.0	7127.1 126.9	^p 126.5 ^p 125.3	'12 '12
Autos, consumerdo Trucks, consumerdo	97.3 141.8	90.7 160.5	87.4 146.0	86.4 160.4	76.8 178.4	79.1 159.4	94.7 173.2	91.9 168.5	83.7 159.5	77.5 178.3	79.5 171.6	86.3 172.2	91.0 168.2	98.9 178.9	p99.0	*9
Home goodsdo	115.8	121.6	119.3	122.5	123.6	121.9	124.3	125.8	123.9	124.0	122.8	120.2	7124.3	110.5	P124.1	12
Nondurable consumer goodsdo	127.1	130.6	130.9	132.1	132.5	131.0	130.8	131.5	133.3	134.7	135.3	135.1	7135.1	135.1	^p 135.8	118
Consumer staplesdo Consumer foods and	133.9	137.4	137.6	138.9	139.2	137.8	137.4	138.3	140.7	142.3	142.9	142.5	r142.5	r142.7	P143.4	14
tobaccodo Nonfood staplesdo	132.7 135.2	136.3 138.5	136.0 139.2	137.2 140.6	137.4 141.2	137.0 138.6	137.5 137.2	137.3 139.4	139.2 142.2	140.3 144.3	140.8 145.0	139.4 145.7	7138.3 7146.8	r139.4 r146.1	P140.2 P146.8	°14
Equipmentdo Business and defense	143.6	148.9	148.1	149.7	150.2	151.2	153.0	152.2	153.1	154.3	155.3	155.9	⁷ 156.5	⁷ 157.6	P158.5	11
equipmentdo	148.1	153.6	153.2	154.4	154.5	155.2	157.2	156.6	157.8	159.2	160.3	160.8	7161.4	7162.7	P163.5	16
Business equipmentdo Construction, mining,	139.4	144.5	144.2	145.6	145.6	146.3	148.7	148.3	149.8	151.2	152.4	153.3	154.6	⁷ 156.8	P158.2	11
and farmdo Manufacturingdo	55.7 114.0	$62.2 \\ 117.9$	63.0 117.2	65.0 120.4	66.4 120.9	66.1 122.0	$66.5 \\ 120.5$	66.3 120.6	$67.4 \\ 122.2$	67.1 125.4	67.6 124.9	68.3 127.0	770.8 7127.7	771.1 7128.6	^p 72.3 ^p 129.6	13
Powerdo	82.4 217.4	82.6	84.0	81.8	82.8	81.1	83.0	83.1	84.2	86.2	88.3 240.3	87.8	r87.0	⁷ 87.1 ⁷ 245.5	₽88.3 ₽247.4	1 2
Commercialdo Transitdo	108.8	226.5 108.4	226.7 105.4	227.9 106.1	227.7 104.7	229.1 105.1	232.4 112.5	232.1 111.2	235.5 109.1	238.0 106.5	108.2	239.9 111.1	r241.5 r112.3	115.2	P116.3	-1
Defense and space equipmentdo Intermediate productsdo	182.0 136.2	188.9 143.4	188.6 143.3	188.7 145.0	189.1 145.3	189.8 144.9	190.3 146.1	188.7 147.3	188.9 146.5	190.6 148.1	191.0 149.4	189.9 149.9	7187.9 7149.6	′185.6 ′150.1	p184.3 p150.6	*1:
Construction supplies do Business supplies do do do do do do do do do do do do do	126.4 144.6	131.5 153.5	131.5 153.4	133.1 155.2	132.5 156.3	132.3 155.6	133.3 157.1	134.2 158.4	133.8 157.4	136.8 157.8	137.7 159.4	137.3 160.7	7137.6 7159.9	7138.3 7160.2	^p 138.2 ^p 161.1	·1
Materials do	113.8	118.2	117.2	118.5	119.4	119.7	121.2	122.5	123.7	123.0	122.1	122.5	123.6	⁷ 124.2	P124.7	-1
Durable goods materialsdo Nondurable goods materialsdo	120.0 117.5	125.0 125.9	124.0 124.1	125.2 127.6	125.5 128.3	126.4 128.6	128.7 128.2	130.2 129.6	132.0 132.5	131.8 129.9	131.4 128.1	131.3 130.1	*132.7 *131.1	′134.9 ′130.4	P135.0	
Energy materialsdo	99.7	99.8	99.4	99.0	100.9	100.2	101.8	102.8	101.7	101.4	100.6	100.6	7101.0	100.0	P101.6	
y industry groupings: Mining and utilitiesdo	103.5	104.3	103.0	103.7	105.4	105.4	106.8	107.9	107.3	107.8	106.8	106.7	107.1	*106.5	₽107.9	
Miningdodo	100.4 74.2	100.7 77.6	99.2 70.7	$99.2 \\ 71.4$	100.9 79.3	$101.9 \\ 86.5$	103.6 85.6	104.6 90.4	104.6 96.5	103.3 91.5	101.5 83.9	102.7 84.9	7104.7 786.9	′103.0 84.9	P103.5	'1
Coal	127.7 93.9	131.8 92.7	128.8 91.8	127.9 91.8	130.5 93.0	133.3 93.3	140.3 94.1	142.9 94.2	140.6 94.1	140.2 93.1	133.7 92.4	129.1 94.8	136.0 795.5	7127.8 795.0	^p 126.9 ^p 96.0	e1
Crude oildo	105.0 83.9	100.3	100.2	98.6	99.5	97.9	100.7	101.1	100.7 88.6	99.6	98.4 87.1	100.9 86.1	⁷ 101.4	7100.5	P101.7	ˈ
Natural gasdo Stone and earth mineralsdo	123.1	85.5 128.2	83.9 128.5	83.7 130.7	84.9 130.3	84.9 130.0	84.5 131.0	88.2 134.1	135.6	87.2 132.1	134.3	136.9	85.4 7141.2	r142.4	P140.1	
Utilities do Electric do	108.5 122.4	110.3 126.6	109.4 128.8	$111.2 \\ 131.0$	112.9 132.0	$\frac{111.2}{127.5}$	112.1 126.8	113.2 127.5	111.7 125.6	115.2 130.3	115.6 130.7	113.3 129.0	7111.0 7127.6	7112.3 7129.7	P115.2	
Manufacturingdo	129.1	134.7	134.0	135.6	135.9	135.7	137.3	137.9	138.9	139.4	139.5	140.0	'140.8	141.7	P142.0	·1
Nondurable manufacturesdodo	130.1 134.4	136.8 137.8	136.9 137.7	138.5 138.5	138.8 138.8	138.6 139.5	138.1 138.0	139.6 138.9	141.3 140.1	141.4 141.2	141.1 141.9	141.7 141.1	7142.3 7140.3	7141.9 7141.4	p142.5	
Tobacco productsdo	97.1	103.5	107.0	106.8	110.4	101.7	103.7	106.5	110.5	105.8	107.0	107.2	⁷ 107.2	106.8		
Textile mill productsdodo	109.2 103.1	115.9 107.4	117.2 107.7	$118.3 \\ 109.7$	119.8 108.4	118.2 107.6	116.8 108.0	117.3 109.4	118.2 107.8	116.2 108.7	115.3 108.5	117.0 108.7	7117.3 109.2	r114.2 r108.6	P115.9	
Paper and productsdo	136.5	144.4	142.6	148.8	148.9	147.4	146.0	148.3	150.6	149.9	148.0	149.1 180.4	149.2 *181.8	7149.5 7180.1	p146.9	1
Printing and publishingdo Chemicals and productsdo	160.9 132.0	172.1 140.2	174.1 139.3	174.0 140.8	174.7 142.3	174.9 142.4	175.2 141.5	175.7 144.4	176.9 147.9	177.5 147.9	178.7 145.4	146.4	r148.9	7148.4	P149.1	
Petroleum productsdo Rubber and plastics productsdo	92.7 151.4	93.5 163.6	92.3 165.4	94.1 167.2	92.9 164.8	93.5 165.2	94.6 166.7	93.3 169.9	96.1 170.6	96.3 170.5	95.9 172.3	98.4 172.2	798.5 7172.3	795.0 7173.8	P94.2	3
Leather and productsdo Durable manufacturesdo	61.4 128.4	60.0 133.1	60.8 132.0	59.2 133.5	61.3 133.8	60.7 133.7	59.6 136.8	60.7 136.7	57.5 137.3	58.3 137.9	59.7 138.4	59.5 138.8	58.0 139.7	757.1 7141.5	°57.6	1
Lumber and productsdo	124.1	130.3	131.1	132.8	131.1	126.9	129.8	134.0	133.6	136.3	139.0	137.8	138.0	⁷ 139.9	p138.6	3
Furniture and fixturesdo Clay, glass, and stone productsdo	143.8 118.2	152.8 119.1	153.9 117.9	156.2 118.8	155.2 116.5	155.9 118.6	156.0 118.9	158.5 120.5	159.4 120.1	158.0 120.4	158.3 121.6	159.4 122.5	7159.2 121.4	7159.6 7121.5	^p 160.9	
Primary metalsdodododo	75.1 63.4	81.3 70.6	78.8	81.4 70.9	85.1 76.0	84.5 74.6	90.6	90.2	90.6 81.9	86.5 77.8	86.4 77.4	85.1 74.2	85.3 74.5	r89.2	P87.€	3
Nonferrous metalsdodo Fabricated metal productsdo	97.2 108.0	101.6	98.5	101.2	102.2	103.3	106.9	110.0	107.0	103.0 117.1	103.5 117.6	105.7 118.8	7105.6 7118.8	7109.1	P111.4	l
Nonelectrical machinerydo	145.0	111.0 152.7	111.1 151.8	111.1 155.3	110.1 154.3	111.1 156.6	113.5 158.0	113.6 157.2	115.8 161.0	162.9	163.6 177.8	164.6	r167.2		P171.8	3 1
Electrical machinerydo Transportation equipmentdo	165.7 127.5	172.3 129.2	170.5 126.5	172.5 127.6	174.3 128.1	173.4 125.5	175.5 132.0	175.6 130.4	175.9 128.1	177.4 128.6	128.4	176.6 130.0	7178.7 130.4	7133.1	p132.4	1 دا
Motor vehicles and partsdo Instrumentsdo	111.5 139.8		107.4 144.5	109.4 143.8	109.1 146.3	105.6 145.6	116.0 146.7	114.0 147.8	110.2 145.5	109.7 148.2	109.3 149.2	113.0 149.7	114.8 7150.5	119.6) (1
BUSINESS SALES	100.0	140.0	144.0	140.0	140.0	140.0	140.1	141.0	140.0	140.2	110.2	110	100.0	101.0	102.10	1
Afg. and trade sales (unadj.), totalmil. \$.	5,109,020	5,439,984	472,078	442,139	455,932	473,639	477,868	459,515	494,164	423,137	450,610	499,134	478,569	r490,393	512,692	2
ffg. and trade sales (seas. adj.),	1 5 100 000	15 490 004			460 047	404.004	464.047	469.075	400 909	465 770	470.656	479,709	479,526	*483,578	490,592	,
Manufacturing, totaldo	2,273,298		⁷ 453,882 ⁷ 200,952	199,395	460,047 200,404	464,984 205,732	464,947 206,396		211,356	465,730 207,241	470,656 208,913	214,565	214,794	r217,481	220,640)
Durable goods industriesdo Nondurable goods industriesdo	1,201,704	1,263,601 1,144,977	7104,888 796,064	103,032 96,363		108,433 97,299		108,378	113,026	108,946 98,295	110,522 98,391	113,764 100,801	112,627 102,167	'114,735	116,618	3
Retail trade, total ‡do	1,437,497	1,510,579	r126,461	127,037	129,981	127,815	126,808	127,248	128,615	128,769	130,121	132,259	131,717	r132,833	133,387	<u> </u>
Durable goods storesdo Nondurable goods storesdo	538,618 898,879		746,976 779,485	747,403 779,634	49,614 80,367	47,948 79,867	46,889 79,919	47,067 80,181	48,000 80,615	48,689 80,080	49,708 80,413	50,480 81,779	50,419 81,298	750,418 782,415		
Merchant wholesalers, total †do	. 1,392,313	1,520,827	126,469	127,705	129,662	131,437	131,743	128,501	128,332	129,720	131,622	132,885	133,015	r133,264	136,565	5
Durable goods establishmentsdo Nondurable goods establishmentsdo	. 681,177 711,136		r61,823 r64,646	62,155 65,550	62,387 67,275	63,584 67,853	64,265 67,478	62,325 66,176	61,983 66,349	62,486 67,234	63,795 67,827	64,881 68,004	66,081 66,934	765,933 767,331	66,364 70,201	l
Mfg. and trade sales in constant (1982)									<u> </u>)				
dollars (seas. adj.), totalbil. \$. Manufacturingdo			435.0 195.3	438.2 196.3	440.3 195.3	443.1 199.3	442.3 200.4	200.1	440.4 200.9	442.0 201.3	447.2 202.7	451.4 204.5	204.7			
Retail trade			118.0 121.7	118.7 123.2	120.0 125.0		116.4 125.5	116.5 122.0	117.9 121.6	117.9 122.8	119.6 125.0		119.9 124.8	ļ		
							1	1	1		1	1	1	1	1	1

August 1988			SUL	VEIC	of CO	RREN	OG II	DII/ E	ວວ							3-0
Unless otherwise stated in footnotes below, data through 1986 and methodological notes are as shown in	Anı					1987							1988	·		
Business Statistics: 1986	1986	1987	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
		G	ENERA	L BUS	INESS	INDIC	ATORS	—Cont	inued							
BUSINESS INVENTORIES Mfg. and trade inventories, book value (non-LIFO basis), end of period, (unadjusted), total	643,308	699,773	679,904	680,751	678,689	685,994	707,480	714,733	699,773	706,576	717,849	724,645	730,352	730,959	733,009	
Mfg. and trade inventories, book value (non-LIFO basis), end of period, (seas. adj.), totalmil. \$.	652,624	709,853	r680,518	684,154	685,150	689,513	697,648	703,425	709,853	715,027	717,882	720,099	723,973	7729,033	733,932	
Manufacturing, totaldo Durable goods industriesdo Nondurable goods industriesdo	318,238 207,854 110,384	333,656 216,753 116,903	^r 321,817 ^r 208,835 ^r 112,982	323,333 209,951 113,382	325,394 210,921 114,473	326,670 211,680 114,990	328,554 213,436 115,118	331,812 215,931 115,881	333,656 216,753 116,903	336,815 219,014 117,801	338,552 220,318 118,234	339,545 220,730 118,815	340,893 221,692 119,201		344,764 224,328 120,436	
Retail trade, total ‡do Durable goods storesdo Nondurable goods storesdo	185,996 91,085 94,911	211,100 107,948 103,152	r200,015 r100,398 r99,617	202,210 101,590 100,620	202,684 101,569 101,115	203,708 102,394 101,314	206,577 104,846 101,731	208,260 106,490 101,770	211,100 107,948 103,152	209,824 106,377 103,447	208,698 104,479 104,219	208,822 103,631 105,191	209,550 104,349 105,201	106,551	214,421 107,479 106,942	
Merchant wholesalers, total †do Durable goods establishmentsdo Nondurable goods establishmentsdo	. 152,887 . 100,871 . 52,016	165,097 107,996 57,101	7158,686 7104,871 753,815	158,611 104,514 54,097	157,072 103,324 53,748	159,135 103,933 55,202	162,517 106,734 55,783	163,353 106,503 56,850	165,097 107,996 57,101	168,388 111,259 57,129	170,632 112,661 57,971	171,732 113,694 58,038	173,530 114,812 58,718	7173,418 7113,666 759,752	174,747 112,711 62,036	
Mfg. and trade inventories in constant (1982) dollars, end of period(seas. adj.),totalbil. \$. Manufacturingdo Retail tradedo Merchant wholesalersdo			657.0 317.2 185.0 154.8	658.8 318.9 185.5 154.4	657.4 319.5 184.7 153.2	658.3 320.2 183.0 155.1	663.8 320.3 186.3 157.2	666.1 322.1 186.6 157.4	669.0 322.6 188.0 158.4	673.8 325.4 186.7 161.7	675.5 326.9 185.0 163.6	676.8 326.4 186.6 163.8	677.6 326.7 186.2 164.6			
BUSINESS INVENTORY-SALES RATIOS			10110	101.1	200.2	20012	101.2	20.1.2	100.1	101	200.0	100.0	:			
Manufacturing and trade, totalratio.	1.54	1.50	1.50	1.51	1.49	1.48	1.50	1.52	1.52	1.54	1.53	1.50	1.51	1.51		i
Manufacturing, total .do Durable goods industries .do Materials and supplies .do Work in process .do Finished goods .do	1.70 2.11 .60 .97	1.61 2.00 .57 .92 .51	1.60 71.99 .57 .92 7.50	1.62 2.04 .58 .94 .52	1.62 2.03 .57 .94 .52	1.59 1.95 .55 .91 .49	1.59 1.97 .55 .92 .50	1.60 1.99 .55 .93 .51	1.58 1.92 .54 .90 .49	1.63 2.01 .56 .94 .51	1.62 1.99 .55 .93 .51	1.58 1.94 .54 .90 .49	1.59 1.97 .55 .92 .50	1.58 1.95 .54 7.92 .49	1.56 1.92 .54 .90 .48	
Nondurable goods industriesdodododododododododododododododo	. 1.24 .48 .20	1.19 .46 .19	1.18 .46 .19	1.18 .46 .19	1.19 .46 .19	1.18 .47 .19	1.17 .46 .19	1.17 .46 .19	1.19 .46 .19	1.20 .47 .19	1.20 .47 .19	1.18 .47 .19	1.17 .46 .19	71.17 .46 .19	1.16 .46 .18	
Finished goods		.54 1.58 2.19 1.22	.53 1.58 72.14 1.25	.53 1.59 2.14 1.26	.53 1.56 2.05 1.26	.53 1.59 2.14 1.27	.52 1.63 2.24 1.27	.52 1.64 2.26 1.27	.53 1.64 2.25 1.28	.54 1.63 2.18 1.29	.54 1.60 2.10 1.30	.53 1.58 2.05 1.29	1.59 2.07 1.29	.52 1.60 2.11 71.28	.52 1.61 2.12 1.29	••••••
Merchant wholesalers, total †do Durable goods establishmentsdo Nondurable goods establishmentsdo	1.30 1.76 . 86	1.25 1.69 .83	1.25 71.70 7.83	1.24 1.68 .83	1.21 1.66 .80	1.21 1.63 .81	1.23 1.66 .83	1.27 1.71 .86	1.29 1.74 .86	1.30 1.78 .85	1.30 1.77 .85	1.29 1.75 .85	1.30 1.74 .88	1.30 1.72 7.89	1.28 1.70 .88	
Manufacturing and trade in constant (1982) dollars, total			1.51 1.63 1.57 1.27	1.50 1.63 1.56 1.25	1.49 1.64 1.54 1.23	1.49 1.61 1.56 1.23	1.50 1.60 1.60 1.25	1.52 1.61 1.60 1.29	1.52 1.61 1.60 1.30	1.52 1.62 1.58 1.32	1.51 1.61 1.55 1.31	1.50 1.60 1.54 1.30	1.51 1.60 1.55 1.32			••••••
MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS							2.20	2.20				-				
Shipments (not seas. adj.), total mil. \$. Durable goods industries, totaldo	2,273,298 1,201,704	2,408,578 1,263,601	212,816	185,228	197,896	217,014	211,949	205,722	204,228	190,746	210,522	225,397 121,668	215,898	^r 218,390 ^r 116,232	233,872 126,004	
Stone, clay, and glass productsdo Primary metals	56,787 101,733 42,830 135,974	1,263,601 60,977 111,456 48,013 134,248	113,238 5,380 9,623 4,198 11,976	93,412 4,909 8,684 3,789 10,392	100,585 5,092 9,239 4,052 11,047	114,002 5,572 10,005 4,271 11,570	111,685 5,699 10,211 4,487 11,449	107,625 5,132 10,152 4,451 10,928	108,872 4,552 10,205 4,404 10,445	97,974 4,446 9,803 4,333 10,269	111,377 4,868 10,598 4,754 11,723	5,316 11,563 5,094 12,406	114,347 5,352 11,232 5,017 12,049	75,409 711,424 74,973 712,377	5,693 12,211 5,286 13,325	
Machinery, except electrical do Electrical machinery do Transportation equipment do Motor vehicles and parts do	. 205,804 . 205,613 . 314,081 . 194,725	212,759 224,037 323,403 201,163	19,552 20,105 28,787 17,700	16,400 16,686 20,674 11,408	16,626 18,724 22,921 13,737	19,738 20,952 28,225 17,076	18,544 19,413 28,820 18,749	17,776 19,928 27,452 17,425	20,615 20,244 26,979 14,348	16,555 17,540 24,547 15,828	19,087 19,421 28,910 18,856	22,115 21,068 31,449 19,822	19,789 18,950 29,195 19,071	20,043	23,372 21,386 31,320 20,128	
Instruments and related productsdo Nondurable goods industries, totaldo Food and kindred productsdo Tobacco productsdo Tobacco productsdo	60,860 1,071,594 314,500 18,016	63,277 1,144,977 334,774 18,619	5,724 99,578 28,662 2,060	4,976 91,816 27,305 1,144	5,150 97,311 27,752 1,486	5,791 103,012 30,332 1,954	5,485 100,264 29,384 1,291	5,389 98,097 28,604 1,874	5,597 95,356 28,411 2,169	4,903 92,772 27,331 920	5,481 99,145 28,875 1,369	5,994 103,729 30,162 1,967	5,677 101,551 29,186 1,349	r2,096	6,318 107,868 31,582 2,048	
Textile mill products	54,607 103,834 198,348 129,320	56,548 118,831 214,671 129,871	5,126 10,295 18,892 11,218	4,171 9,772 16,577 11,598	5,012 10,094 17,769 11,862	5,255 10,435 19,262 11,346	5,102 10,367 17,903 11,393	4,795 10,071 17,687 11,068	4,350 10,112 18,250 10,630	4,083 10,525 18,533 10,174	4,661 10,969 19,517 9,914	5,036 11,064 21,158 10,240	4,804 11,063 20,844 10,819	711,038 720,163 710,991	21,068 11,359	
Rubber and plastics products do Shipments (seas. adj.), totaldo	72,170		7,041 r200,952	5,825 199,395	6,330 200,404	6,868 205,732	7,179 206,396	6,827 207,226	6,212 211,356	6,323 207,241	7,109 208,913	7,521 214,565	7,473 214,794			
By industry group: Durable goods industries, total #do Stone, clay, and glass productsdo. Primary metalsdo.	·		*104,888 *4,954 *9,039	103,032 4,934 9,336	104,135 4,872 9,282	108,433 5,098 9,950	108,251 5,382 10,113	108,378 5,282 10,608	113,026 5,280 11,273	108,946 5,136 10,371	110,522 5,179 10,270	113,764 5,235 10,890	112,627 5,101 10,719	7114,785 75,217 711,052	5.245	
Blast furnaces, steel millsdo Fabricated metal productsdo Machinery, except electricaldo			73,896 711,138 717,316	4,077 11,013 18,095	4,118 10,959 18,100	4,353 11,061 18,580	4,510 10,915 18,546	4,741 11,166 18,103	4,794 11,460 19,351	4,501 11,264 19,692	4,606 11,707 19,652	4,838 11,858 20,223	4,750 11,863 19,710	74,788 712,097 720,084	4,908 12,377 20,649	
Electrical machinerydo. Transportation equipmentdo. Motor vehicles and partsdo Instruments and related		••••••	718,704 727,297 716,604	18,801 24,108 14,481	19,133 25,288 15,828	19,321 27,667 16,788	19,163 27,480 17,491	19,377 27,107 17,116	19,471 29,156 17,050	19,805 25,713 16,239	19,502 27,126 17,199	19,675 28,936 17,715	19,719 27,960 17,612	720,198 729,086 718,708	19,919 29,691 18,914	
productsdodo		1 	75,288 796,064 727,766	5,354 96,363 28,382	5,250 96,269 27,943	5,458 97,299 28,405	5,418 98,145 28,713	5,375 98,848 28,646	5,398 98,330 28,389	5,411 98,295 29,383	5,548 98,391 28,999	5,692 100,801 29,492	5,877 102,167 29,855	29,858	104,027 30,587	
Tobacco products do Textile mill products do Paper and allied products do Chemicals and allied products do Petroleum and coal products do			2,060 '4,783 '9,785 '17,820 '11,087	1,144 4,862 10,275 18,008 11,470	1,486 4,816 9,950 18,048 11,717	1,954 4,818 10,200 18,202 11,158	1,291 4,793 10,408 18,519 11,312	1,874 4,880 10,451 18,850 11,099	2,169 4,587 10,600 18,626 10,796	920 4,710 10,777 18,883 10,366	1,369 4,713 10,627 19,102 10,123	1,967 4,692 10,674 19,923 10,304	1,349 4,896 10,990 20,118 10,834	74,844 711,054 719,921	4,872 11,250 19,924	
Rubber and plastics productsdo See footnotes at end of tables.			r6,572	6,142		6,505	6,745	6,826	6,869	6,795	6,945	7,356	7,302		7,370	••••••

Unless otherwise stated in footnotes	Ann	ual				1987					-		1988			
below, data through 1986 and methodological notes are as shown in BUSINESS STATISTICS: 1986	1986	1987	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Мау	June	July
		G	ENERA	L BUS	INESS	INDIC	ATORS	—Conti	 inued							
MANUFACTURERS' SHIPMENTS.		,											_			
INVENTORIES, AND ORDERS—Continued						}		}			1			,		
Shipments (seas. adj.)—Continued By market category:				1	İ					1	1					
Home goods and apparelmil. \$	153,075	¹ 162,635	r13,767	13,518	13,683	13,795	13,732	13,677	13,725	13,961	13,851	13,640	13,766	13,883	13,921	
Consumer staplesdo Equipment and defense products,	1447,890	476,050	40,115	39,604	40,044	40,602	40,403	40,859	40,852	40,835	40,919	42,255	42,529	r42,974	43,086	
except autodo Automotive equipmentdo	¹ 372,198 ¹ 217,223	1385,413 1225,420	r32,043 r18,683	32,516 16,493	32,349 17,806	33,531 18,851	32,797 19,661	32,282 19,053	35,361 18,927	34,097 18,288	34,562 19,305	35,890 19,909	34,910 19,871	r35,301 r20,940	35,895 21,226	
Construction materials, supplies, and intermediate products	179,596	1192,845	15,771	16,117	15,732	16,115	16,187	16,600	16,817	16,456	16,823	16,718	16,973	16,720	16,835	
Other materials, supplies, and																
intermediate productsdo Supplementary series:	1903,316	1965,981	780,573	81,147	81,314	82,838	83,616	84,755	85,674	83,604	83,453	86,153	86,745	787,663		
Household durablesdo Capital goods industriesdo	¹ 71,541 ¹ 428,686	¹ 75,958 ¹ 446,907	r6,487 r37,382	6,164 37,012	6,376 37,289	6,407 39,233	6,428 38,129	6,566 37,862	6,433 40,825	6,717 39,083	6,618 39,215	6,497 41,202	6,568 39,537	76,695 740,193	6,399 40,911	
Nondefensedo Defensedo	1321,761 106,925	1337,113 1109,794	r27,924 r9,458	28,106 8,906	28,494 8,795	29,709 9,524	28,995 9,134	28,622 9,240	30,731 10,094	30,650 8,433	30,715 8,500	31,705 9,497	31,069 8,468	731,837 78,356	31,897 9.014	
Inventories, end of year or month:	· '	<u> </u>	,	, i	<i>'</i>	<i>'</i>	ŕ	<i>'</i>	, í			ĺ	,	ĺ		
Book value (non-LIFO basis), (unadjusted), totaldo	313,697	328,816	322,472	324,070	326,648	325,852	328,414	330,713	328,816	335,081	339,758	340,352	343,231	r346,404	345,523	
Durable goods industries, totaldo Nondurable goods industries, totaldo	204,025 109,672	212,704 116,112	209,890 112,582	210,939 113,131	212,106 114,542	211,586 114,266	213,166 115,248	214,613 116,100	212,704 116,112	216,882 118,199	220,870 118,888	221,463 118,889	223,423 119,808	7226,014 7120,390	225,399 120,124	
Book value (non-LIFO basis).						i				· i						
(seasonally adjusted), totaldo By industry group:	318,238	333,656	r321,817	323,333	325,394	326,670	328,554	331,812	333,656	336,815	338,552	339,545	340,893	r343,274	344,764	
Durable goods industries, total #do	207,854	216,753	⁷ 208,835	209,951	210,921	211,680		215,931	216,753	219,014	220,318	220,730	221,692		224,328	
Stone, clay, and glass productsdo Primary metalsdo	6,978 17,211	7,162 17,542	76,988 716,299	7,020 16,229	7,055 16,466	7,029 16,667	7,096 16,940	7,135 17,249	7,162 17,542	7,136 18,020	7,133 18,188	7,010 18,202	7,048 18,236	77,121 718,286	7.042	
Blast furnaces, steel millsdo Fabricated metal productsdo	7,786 21,175	8,022 22,072	77,296 721,304	7,296 21,402	7,407 21,501	7,514 21,747	7,715 21,927	7,849 21,971	8,022 22,072	8,415 22,361	8,453 22,468	8,467 22,283	8,557 22,477	78,529 722,459	8,445	
Machinery, except electricaldo	41,518	41,418	40,930	40,824	40,879	40,512	40,944	41.191	41,418	41,832	42,104	42,523	42,742	r43,260	43,620	
Electrical machinerydo Transportation equipmentdo	38,878 52,786	39,975 58,079	⁷ 39,187 ⁷ 54,259	39,277 55,092	39,384 55,582	39,579 55,987	39,788 56,790	40,190 57,889	39,975 58,079	40,195 58,827	40,326 59,018	40,134 59,501	40,159 60,049	740,206 760,836	40,325 61,624	
Motor vehicles and partsdo	11,090	11,413	11,164°	11,160	10,961	11,324	11,267	11,459	11,413	11,806	11,669	11,536	11,504	⁷ 11,516	11,636	
Instruments and related productsdo	12,585	12,710	r12,489	12,511	12,561	12,675	12,560	12,619	12,710	12,757	12,863	12,847	12,940	13,156	13,129	
By stage of fabrication: Materials and suppliesdo	59,371	60,494	59,705	59,417	59,328	59,554	59,587	60,031	60,494	60,930	61,167	61,692	61,903	r62,387	62,791	
Work in process dodo	95,310 53,173	101,246 55,013	r96,244 r52,886	96,904 53,630	97,706 53,887	98,623 53,503	99,390 54,459	100,824 55,076	101,246 55,013	102,221 55,863	103,103 56,048	102,888 56,150	103,760 56,029	7105,069 756,046	105,260	
Nondurable goods industries,	· ·	30,013	32,000	33,030	99,001	30,303	04,400	35,016	30,013	99,000	50,040	50,150	50,025	50,040	50,211	
total #dododo	110,384 23,645	116,903 24,778	'112,982 '26,509	113,382 24,170	114,473 24,091	114,990 24,645	115,118 24,522	115,881 24,691	116,903 24,778	117,801 27,864	118,234 27,983	118,815 28,139	119,201 28,504		120,436 28,769	
Tobacco products do Textile mill products do	5,585 6,560	5,569 6,874	75,913 76,760	5,936 6,796	5,903 6,957	5,744 6,896	5,627 6,931	5,600 6,930	5,569 6,874	5,628 6,984	5,608 6,959	5,641 6,920	5,666 7,003	75,612 77,024	5,694	
Paper and allied productsdo	10,480	11,284	10,899	10,923	11,021	11,052	10,953	10,995	11,284	11,391	11,501	11,450	11,534	11,542		
Chemicals and allied productsdo	26,983	27,743	^r 26,496	26,862	26,847	26,999	27,166	27,321	27,743	28,372	28,815	28,846	28,539	⁷ 28,609	28,762	
Petroleum and coal productsdo	9,907	10,646	⁷ 10,420	10,546	11,031	10,769	10,752	10,732	10,646	10,298	10,301	10,548	10,748	⁷ 10,857	10,697	
Rubber and plastics productsdo	8,586	9,220	⁷ 8,684	8,803	9,104	9,069	9,100	9,121	9,220	9,576	9,531	9,523	9,464	r9,522	9,631	
By stage of fabrication: Materials and suppliesdo	42,986	45,722	⁷ 44,211	44,394	44,603	45,288	45,109	45,420	45,722	46,206	46,418	46,887	47,066	*47,326		
Work in processdo Finished goodsdo	17,338 50,060	18,628 52,553	718,173 750,598	18,034 50,954	18,386 51,485	18,432 51,270	18,554 51,455	18,736 51,725	18,628 52,553	18,757 52,838	18,594 53,222	18,928 53,000	19,048 53,087	719,164 753,282	19,094 53,667	
By market category:			·					·				,			1	ļ
Home goods and apparel do Consumer staples do	24,960 41,127	27,040 42,717	⁷ 25,667 ⁷ 42,457	25,853 42,135	25,825 42,136	26,129 42,142	26,421 42,128	26,628 42,476	27,040 42,717	27,099 42,944	27,151 43,029	27,095 43,306	26,942 43,274	^r 27,130 ^r 43,172	26,951 43,470	
Equip. and defense prod., exc. autodo	91,990	95,149	792,309	92,632	93,326	93,339	94,148	95,108	95,149	95,786	96,395	97,420	97,866	*98,980		
Automotive equipmentdo Construction materials, supplies, and	13,393	13,837	13,537	13,566	13,458	13,773	13,698	13,919	13,837	14,247	14,123	13,988	13,950	r13,999		
intermediate products do Other materials, supplies, and	22,658	24,196	⁷ 23,177	23,398	23,459	23,547	23,689	23,989	24,196	24,633	24,734	24,573	24,708	^r 24,865	24,758	
intermediate productsdo Supplementary series:	124,110	130,717	⁷ 124,670	125,749	127,191	127,740	128,470	129,692	130,717	132,106	133,120	133,163	134,153	⁷ 135,128	135,387	
Household durablesdodo	12,944	13,384	713,157	13,263	13,137	13,241	13,321	13,370	13,384	13,512	13,540	13,390	13,184	713,227	13,141	
Nondefensedo	105,726 71,721	110,830 73,804	7106,820 771,874	107,581 71,982	108,380 72,315	108,078 71,767	109,229 72,361	110,672 73,063	73,804	111,563 74,460	112,299 74,994	113,175 75,870	114,012 76,414	76,986	77,441	
Defensedododo	34,005 2,273,781	37,026 2,438,430	734,946 214,098	35,599 191,040	36,065 198,583	36,311 216,845	36,868 213,019	37,609 209,404		37,103 200,357	37,305 216,702	37,305 229,375	37,598 219,343	r38,308 r216,369		,
Durable goods industries, total	1,201,566 1,072,215	1,291,210		98,600	101,163	113,844 103,001	112,797	111,659 97,745	113,164	107,311 93,046	117,343 99,359	125,609 103,766	117,918 101,425	r114,354	132,421	
New orders, net (seas. adj.), total do	E .	2,438,430	⁷ 205,109	206,065	203,391	206,719	209,399	209,626	1 1	212,571	212,641	216,013	219,326	1		
By industry group: Durable goods industries, totaldo	1,201,566	1,291,210	*108,860	109,213	106,678	109,345	111,095	110,949	115,620	114,196	114,319	115,252	117,266	⁷ 115,093	125,902	
Primary metalsdododo	102,155 43,560	1116,334 151,041	79,931 74,514	9,718 4,380	9,461	10,735 4,697	10,437 4,278	10,903 5,053	11,997	10,254 4,308	10,377 4,318	10,936 4,594	11,098 4,611		11,494	
Nonferrous and other pri- mary metals do	48,103		r4,670	4,542	4,475	5,094	5,343	4,945	5,840	5,190	5,204	5,445	5,637	75.567		
Fabricated metal productsdodo	1134,969 1199,601	1134,901	'11,537 '17,492	11,261 18,864	11,014	11,200	11,077 18,953	11,290	11,472	11,142	11,758	11,744	11,989		12,246	{.
Electrical machinerydo	207,800	1226,271	19.691	19,421	18,412 19,234	18,806 19,994	19,999	18,024 20,288	19,195 19,762	20,552 20,716	19,720 19,452 30,525	20,216 18,707	20,418 19,628	20,196	19.955	
Transportation equipmentdo Aircraft, missiles, and partsdo	1318,641 104,539	1339,185 1115,775	r28,563 r9,297	27,970 12,132	27,087 9,404	26,493 8,680	28,573 9,784	28,603 9,094	31,155 12,755	28,946 10,603	30,525 11,600	31,376 11,752	31,402 11,366	728,106 77,709	38,210 12,939	
Nondurable goods industries, totaldo Industries with unfilled	1,072,215	¹ 1,147,220	r96,249	96,852	96,713	97,374	98,304	98,677	98,202	98,375	98,322	100,761	102,060	4		·····
orders ‡do	. 1270,650	1297,757	⁷ 24,844	25,596	24,995	24,894	25,627	25,460	25,214	26,015	25,849	25,885	26,714	⁷ 26,513	26,528	
Industries without unfilled orders &do	. 4801,565	1849,463	771,405	71,256	71,718	72,480	72,677	73,217	72,988	72,360	72,473	74,876	75,346	⁷ 76,193	77,414	
By market category: Home goods and appareldo	1153,144	¹ 163,427	r13,678	13,668	13,734	13,832	13,776	13,500	13,463	14,200	14,179	13,675	19 550	719 700		ļ
Consumer staplesdo	. 447.892	1475,982	740,117	39,595	39,739	40,587	40,365	40,888	40,899	40,761	41,087	42,278	13,759 42,477	713,792 742,949	43,073	
Equip. and defense prod., exc. autodo Automotive equipmentdo	1373,513 1216,996	1398,587 1225,541	734,095 718,719		33,873 17,763	33,413 18,856	33,918 19,505		35,353 18,880	36,251 18,136	37,892 19,122	37,243 19,848	36,488 19,946	734,611 20,951	44,270	
Construction materials, supplies, and intermediate productsdo	. 179,223	1193,002	*15,793	16,209	15,828	16,023	16,247	16,799	17,097	16,372	16,840	16,627	17,102	(I	(
Other materials, supplies, and intermediate productsdo			782,707	84,164	82,454	84,008	85,588	84,907	88,130	86,851	83,521	86,342	89,554	r88,839		
Supplementary series: Household durablesdo	771,714	ĺ	76,424	6,225	6,398	6,402	6,400	6,361	6,205	6,893	6,983	6,577	6,576	r6,658	6,396	1
Capital goods industries do Nondefense do	430,187	1466,051	40,007	41,905 31,982	39,061	38,865	40,417	39,824	42,927	43,895	42,320	42,279	43,450	739,576	50,033	
Defense		110,469	79,950	9,923	29,540 9,521	29,753 9,112				34,791 9,104	33,764 8,556	32,475 9,804	33,492 9,958		35,758 14,275	
See footnotes at end of tables.	•		•	•	•				1	•	1	'	1	1	1	1

August 1988			SUR	VEY (OF CU	RREN	IT BU	SINE	SS							S-5
Unless otherwise stated in footnotes below, data through 1986 and	Ann	uel				1987							1988			
methodological notes are as shown in Business Statistics: 1986	1986	1987	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
			ENERA	T DIIG	INDOC	INDIC	ATODS	Cont	innad							
		<u> </u>	ENERA	L DUS	INESS	INDIC	HIUNS	-Com	iiiueu					-		
MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS—Continued																
Unfilled orders, end of period (unadjusted),	950 410	100 11 1	005 100	000 005	001.400	001 510	000 500	000 005	400,414	410.025	416,205	420,183	423,628	r421,607	427,940	
totalmil. \$ Durable goods industries, totaldo	370,410 359,536	400,414 387,145	385,183 372,099	390,995 377,287	391,682 377,865	891,518 877,707	392,583 378,819	396,265 382,853	387,145	396,482	402,448	406,389	409,960	408,082		
Nondurable goods industries with unfilled orders ‡do	10,874	13,269	13,084	13,708	13,817	13,806	13,764	13,412	13,269	13,543	13,757	13,794	13,668	r13,525	13,441	
Unfilled orders, end of period (seasonally adjusted) totalmil. \$	372,974	403,496	'385,420	391,887	394,640	395,627	398,630	401,030	403,496	408,826	412,554	414,002	418,534	r418,852	428,056	
By industry group: Durable goods industries, total #do	361,855	389,860	r372,376	378,396	380,939	381,851	384,695	387,266	389,860	395,110	398,907	400,395	405,034 22,750	7405,392 723,585	414,681	
Primary metalsdododo	17,318 9,165	22,335 12,251	r19,621 r10,867	20,028 11,247	20,207 11,288	20,992 11,632	21,816 11,400	21,611 11,712	22,335 12,251	22,218 12,058	22,325 11,770	22,371 11,526	11,387	12,006		
Nonferrous and other pri- mary metalsdo	5,895	7,106	r6,041	6,048	6,168	6,477	7,045	6,930	7,106	7,166	7,515	7,731	8,217	78,409		
Fabricated metal products do Machinery, except electricaldo	18,893 55,296	19,556 57,664	718,879 756,412	19,064 56,954	19,119 57,266	19,258 57,492	19,420 57,899	19,544 57,820	19,556 57,664	19,434 58,524	19,485 58,592	19,371 58,585	19,497 59,293	719,463 759,802	19,332 60,686	
Electrical machinerydo Transportation equipmentdo	93,844 160,965	96,233 176,803	⁷ 92,645 ⁷ 167,696	93,421 171,590	93,522 173,389	94,195 172,215	95,031 173,308	95,942 174,804	96,233 176,803	97,144 180,036	97,094 183,435	96,126 185,875	96,035 189,317	796,033 7188,337		······································
Aircraft, missiles, and partsdo	137,671	152,209	⁷ 142,229	146,017	147,734	147,407	148,980	149,636	152,209	155,126	158,650	161,023	164,059	⁷ 163,362	167,531	
Nondurable goods industries with unfilled orders ‡do	11,119	13,636	⁷ 13,044	13,491	13,701	13,776	13,935	13,764	13,636	13,716	13,647	13,607	13,500	^r 13,460	13,375	
By market category: Home goods and appareldo	3,511	4,410	⁷ 4,616	4,717	4,768	4,805	4,849	4,672	4,410	4,649	4,977	5,012	5,005	r4,914	4,923	
Consumer staples do Equip. and defense prod., excl.	770	698	7697	690	675	660	622	651	698	624	792	815	763	738	725	
autodo Automotive equipmentdo	238,796 5,619	252,196 5,735	r244,256 r5,934	247,525 5,931	249,049 5,888	248,931 5,893	250,052 5,737	252,204 5,782	252,196 5,735	254,350 5,583	257,680 5,400	259,033 5,339	^r 260,611 5,414	7259,921 75,425	268,296 5,330	
Construction materials, supplies, and intermediate productsdo	10,432	10,593	79,987	10,050	10,146	10,054	10,114	10,313	10,593	10,509	10,526	10,435	10,564	⁷ 10,501	10,485	
Other materials, supplies, and intermediate productsdo	113,846	129,864	^r 119,930	122,974	124,114	125,284	127,256	127,408	129,864	133,111	133,179	133,368	136,177	⁷ 137,353	138,297	
Supplementary series: Household durablesdo	3,069	3,449	r3,878	3,893	3,915	3,910	3,882	3,677	3,449	3,625	3,990	4,070	4,078 322,180		4,038 330,685	
Capital goods industriesdodododo	289,918 127,820	309,273 146,294 162,979	⁷ 296,815	301,517 139,172	303,289 140,218	302,921 140,262	305,209 141,683 163,526	307,171 143,146 164,025	309,273 146,294 162,979	314,085 150,435 163,650	317,190 153,484 163,706	318,267 154,254 164,013	156,677	7156,422 7165,141	160,283	·······
Defensedo BUSINESS INCORPORATIONS @	162,098	102,313	r161,278	162,345	163,071	162,659	100,020	104,020	102,313	100,000	100,100	104,010	100,000	100,141	110,402	
New incorporations (50 States and Dist. Col.):		400 404		F0 0 4 F	#4 00#	** 00=	** ***	40.110	55.010	E0 054	F# 000	*05 555	57.144	E0 009		
Unadjustednumberdodo	702,101	683,686	61,412 57,234	58,345 57,145	54,225 58,181	55,297 56,778	55,226 55,006	49,118 55,753	55,912 53,453	53,274 55,610	57,030 57,490	767,757 759,698	57,144 54,841	59,203 58,042		•••••
INDUSTRIAL AND COMMERCIAL FAILURES @																
Failures, totalnumber	61,601	61,235	4,937	5,518	4,419	4,302	5,284	4,077	4,441	4,790	4,775	5,646	4,899			
Constructiondodo	20,966 7,110	24,029 6,724	2,035 542 367	2,197 616	1,775 531	1,766 477	2,104 616	1,684 467	1,875 438 320	1,971 486 346	1,974 528 386	2,441 610	561			•••••
Manufacturing and miningdododododododododododododododododo	5,699 13,623 4,865	4,939 12,185 4,304	898 351	456 1,093 403	367 859 320	318 863 289	431 1,092 390	323 763 317	913 296	928 368	969 343	475 1,021 390	963			
Liabilities (current), totalmil. \$	43,284.7	33,024.5	2,742.3	2,142.7	1,907.4	2,026.2	3,151.6	1,610.5	5,516.2	4,101.8 773.8	4,093.3	3,370.9	2,892.8			
Construction do do do do do do do do do do do do do	8,370.2 1,782.7	8,088.7 2,278.6	659.0 169.0	793.0 110.3	622.6 202.5	495.4 85.1	565.2 153.3	454.6 84.3	544.3 107.6	97.5	1,433.1 172.0	894.6 332.7	86.3			
Manufacturing and miningdodo Retail tradedododo	8,955.8 2,718.0 2,035.4	4,746.4 3,713.7 1,336.8	586.7 118.4 98.0	207.7 180.1 124.3	132.8 141.7 81.3	141.0 144.3 89.1	199.5 229.7 81.8	173.3 168.7 128.1	1,382.7 1,531.7 62.6	262.3 186.7 82.8	1,194.5 152.3 112.0	359.7 278.4 86.0	230.9			
Failure annual rateNo. per 10,000 concerns	120.0	102.0	30.0	124.0	01.0	09.1	01.0	120.1		02.0	112.0					
				CC	MMOI	OITY P	RICES									
PRICES PROFESSED AND PAR DAY																
PRICES RECEIVED AND PAID BY FARMERS †																
Prices received, all farm products1910-14=100 Crops #do	561 461	578 458	593 473	588 468	579 442	588 452	579 458	601 519	581 485	599 496	592 472	593 477	594 482	614 508	r627 r550	649 590
Commercial vegetablesdododo	646 462	717	629 559	660 577	631 538	639	606	1,054 549	880 542	990	644 480	678 487	658 502	574	7580 7517	646 512
Feed grains and haydododo	309 300	502 269 281	629 559 285 265	272 252	260 258	264 279	544 270 296	278 310	291 313	512 294 319	304 331	307 325	316 327	330 343	7401 7378	465 389
Fruitdo Tobaccodo	630 1,339	674 1,255	724 1,230	724 1,233	651 1,237	682 1,338	726 1,316	873 1,262	627 1,259	628 1,305	615 1,298	603 1,298	592 1,228	722 1,228	'661 1,228	602 1,228
Livestock and products #dodo Dairy productsdo	666 766	703 765	718 728	714 734	723 746	731 777	706 789	687 789	681 777	706	718 752	714 728	711 709	726 697	7707 691	710 697
Meat animals do	817 293	921 244	728 971 235	960 235	965 249	967	931 223	885 237	886 224	764 935 230	972 217	966 231	971 223	994 241	7947 260	919 311
Prices paid: Production itemsdo	835	850		858			870			880			r897			925
All commodities and services, interest, taxes, and wage rates (parity index)1910-14=100	1,096			1,126			1,132			1,138			71,158			1,182
Parity ratio §do	51	52	I	52			51			53			51	l I		55
CONSUMER PRICES ♦ (U.S. Department of Labor Indexes)]													
Not Seasonally Adjusted											,					
ALL ITEMS, WAGE EARNERS AND CLERICAL WORKERS, REVISED	1														-	
(CPI-W)	108.6	112.5	112.4	112.7	113.3	113.8	114.1	114.3	114.2	114.5	114.7	115.1	115.7	116.2	116.7	117.2
CPI-U)	109.6	113.6	113.5	113.8	114.4	115.0	115.3	115.4	115.4	115.7	116.0	116.5	117.1	117.5	118.0	118.5
All items less shelterdododo	108.0 109.8	111.6 113.6	111.7 113.5	111.8 113.8	112.3 114.5	113.0 115.1	113.2 115.5	113.3 115.7	113.2 115.5	113.3 115.7	113.5 116.0	114.0 116.6	114.7 117.2	115.2 117.6	115.7 118.1	116.1 118.4
All items less medical caredo	108.8			112.7	113.8	118.9	114.2	114.4	114.3	114.6	114.8	115.3	115.9		116.8	
See footnotes at end of tables.			:													

1988 .

Unless otherwise stated in footnotes	Annı	ıal				1987							1988 .	_		
below, data through 1986 and methodological notes are as shown in BUSINESS STATISTICS: 1986	1986	1987	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb	Mar.	Apr.	May	June	July
			C	OMMO	DITY P	RICES	—Cont	inued				١.		_		
CONSUMER PRICES †—Continued													-			
(U.S. Department of Labor Indexes)—Continued	l					1		ļ		1						
Not Seasonally Adjusted All items (CPI-U)—Continued																
Commodities1982-84=100	104.4 103.5	107.7 107.5	107.7 107.4	107.6 107.3	108.2 108.1	108.9 109.0	109.3 109.4	109.5 109.5	109.3 109.1	109.2 109.1	109.1 109.0	109.8 109.8	110.7 111.0	111.1 111.4	111.1 111.4	111.5 111.9
Nondurablesdo Nondurables less fooddo	98.5	101.8	101.4	101.3 108.4	102.6	104.0	104.6 108.8	104.8 109.6	103.7 109.5	102.8 109.4	102.7 109.4	104.1 109.5	105.6 109.7	106.0 109.9	105.5 110.2	105.4 110.3
Durablesdo Commodities less fooddo	106.6 101.7	108.2 104.3	108.2 104.1	104.1	108.3 104.9	108.3 105.7	106.3	106.7	106.0	105.4 105.5 122.9	105.4 123.4	106.3 123.8	107.3	107.6 124.6	107.4 125.5	107.4 126.1
Servicesdo	115.4 109.0	120.2 113.5	120.1 113.8	120.5 113.7	121.2 113.8	121.7 114.1	121.9 114.3	122.0 114.2	122.2 114.7	115.7	115.7	115.9	124.1 116.6	117.0	117.6	118.8
Food at homedo	107.3	111.9	112.6	112.1	112.1	112.4	112.4	112.1	112.8 115.6	114.1 116.2	113.9 116.6	113.9 117.0	114.6 117.3	115.1 117.7	115.8 118.6	117.3 119.1
Housing do	110.9 115.8	114.2 121.3	114.3 120.8	114.7 121.3	115.4 122.2	115.6 122.5	115.5 123.2	115.5 123.4	123.7	124.6	125.0	125.6 126.4	125.8 126.6	126.2 126.9	126.6 127.3	127.4 127.8
Rent, residentialdo Homeowners' cost	118.3 119.4	123.1 124.8	122.3 124.2	123.0 124.4	123.8 125.4	124.4 126.0	124.8 127.1 103.2	124.8 127.4	125.6 128.0 102.0	126.0 128.5 102.4	126.3 129.0 102.8	129.2 102.7	129.4 102.8	129.9 103.5	130.4 105.9	131.0 106.0
Fuel and utilities #1982-84=100 Fuel oil, coal, and bottled	104.1 77.6	103.0 77.9	104.9 77.2	105.0 77.1	105.9 77.8	105.5 77.6	78.5	102.4 80.3	80.5	80.8	80.9	80.5	80.2	80.0	\	76.9
gasdo Gas (piped) and electricitydo	105.7	103.8	108.1	107.6	108.7	108.2	103.3	101.4	100.9	101.5	101.9	101.7	101.6	102.6		108.1
Household furnishings and op- erationdo	105.2	107.1	107.1	107.2	107.3	107.5	107.4	107.4	107.3	107.5	107.7	108.3	109.1	109.3		109.8
Apparel and upkeepdo Transportationdo	105.9 102.3	110.6 105.4	109.3 105.4	107.3 106.0	109.4 106.5	113.3 106.6	115.4 107.1	115.4 107.8	112.7 107.6	110.4 107.1	110.2 106.8	114.3 106.5	117.0 107.2	116.3 108.1	108.5	112.7 108.9
Privatedododo	101.2 110.6	104.2 114.6	104.3 114.3	104.9 114.7	105.4 114.4	105.4 114.1	106.0 115.2	106.8 116.6	106.5 116.6	106.0 116.2	105.7 116.2	105.4 116.0	106.0 115.9	107.0 116.3	116.5	107.8 116.5
Used carsdo Publicdo	108.8 117.0	113.1 121.1	114.7 120.2	115.4 120.2	115.5 121.5	116.0 122.1	116.2 121.2	116.5 122.0	116.3 122.1	116.0 121.8	116.0 120.8	116.1 121.4	116.6 122.4	117.0 122.4	123.2	117.9 123.7
Medical caredo	122.0	130.1	129.9	130.7	131.2	131.7	132.3	132.8	133.1	134.4	135.5	136.3	136.9	137.5	138.2	139.3
Seasonally Adjusted All items, percent change from] .		
previous month			.3 107.8	.3 108.0	.4 108.4	.3 108.8	.3 109.1	.3 109.3	.2 109.2		.2 109.3					
Commodities less fooddo			104.4 113.9	104.7 113.8	105.3 113.9	105.5 114.5	105.9 114.7	106.2 114.8	105.9 115.3		105.9 115.3	115.7	116.5	117.0	117.7	118.9
Food at homedodo			112.5 110.8	112.1 109.9	112.1 110.3	112.7 111.3	112.8 112.7	112.8 113.1	113.5 112.2		113.0 112.0	l	1	l .		117.3 115.4
Transportationdo			105.3	105.9	106.7	106.8	107.2	107.7	107.4	107.3	107.1	107.2	107.5	108.2	108.4	108.8
Privatedododo			104.2 114.4	104.8 114.8	105.6 115.0	105.7 115.2	106.2 115.5	106.6 115.7	106.4 115.7		106.1 115.8	106.2 116.2	106.5 116.2	107.2 116.4		107.7 116.6
Servicesdo			120.0	120.4	121.0	121.2	121.7	122.2	122.6	123.2	123.7	124.2	124.6	125.0	125.5	126.0
PRODUCER PRICES \$ (U.S. Department of Labor Indexes)								ļ								
Not Seasonally Adjusted										\					1	
All commodities	100.2	102.8	103.0	103.5	103.8	103.7	104.1	104.2	104.2	104.6	104.8	104.9	105.8	106.5	107.4	107.8
Crude materials for further processingdo	87.7	93.7	95.1	96.0	96.5	95.7	95.8	94.7	94.4	98.7	94.7	94.1	95.7	97.1	98.2	97.0
Intermediate materials, sup- plies, etcdo	99.1	101.5	101.5	102.1	102.5	102.7	103.1	103.4		l .	104.3	104.7	105.5		107.4	108.2
Finished goods #dodo Finished consumer goodsdo	103.2 101.4	105.4 103.6	105.5	106.0 104.4	105.9 104.3	105.7 104.2	106.2	106.3	105.8		106.1 104.1	7104.4	105.1	. 105.7	106.1	107.0
Capital equipmentdodo	109.7	111.7	111.4	111.6	111.7	111.2		112.5			113.2	1	i	l .	1	
Durable goodsdo Nondurable goodsdo	107.5 94.8	109.9 97.5	109.3 98.2	109.7 98.8	110.0 99.0	110.2 98.8	98.5	98.6	112.0 98.3	98.5	113.0 98.6	798.8	8 99.8	100.8	101.9	102.5
Total manufacturesdo Durable manufacturesdo	101.7 107.5	104.4 109.6	104.3 109.1	104.8 109.4	105.1 109.7	105.1 109.7	110.9	111.1	. 111.4	112.2	106.8 112.4	r112.6	113.1	113.4	1 113.9	114.1
Nondurable manufacturesdo Farm products, processed foods and	96.0	99.2	99.5	100.1	100.5	100.4	100.7	100.9	100.6	101.1	101.3	r101.7	102.6	103.7	104.4	105.4
feeds do do Farm products do do do do do do do do do do do do do	101.2 92.9		105.5 98.8		104.0 95.7	104.6 96.1					105.3 97.9			108.1		
Foods and feeds, processeddo	. 105.4	107.9	109.0	109.0	108.2	108.9	108.7	108.1	108.2	109.8	109.1	r109.€	110.8	3 111.4	113.9	115.3
Industrial commoditiesdododododododododo	. 100.0 . 102.6	i .		103.1 107.0	103.7 107.1	103.5 107.5	1	1			104.6 111.6		1	1		
Fuels and related prod., and powerdo Furniture and household durablesdo	69.8	70.2	71.1	72.6	73.8	72.2	71.1	70.8	69.5	67.2	66.7	65.9	67.5	68.4		67.6
Hides, skins, and leather productsdo	. 108.2 . 113.0	120.4	120.2	121.0	121.3	110.3 123.0	124.1	124.8	3 125.7	111.6 128.4	129.1	l r132.€	3 134.4	134.0	3 131.4	129.4
Lumber and wood productsdodododo	. 107.2 108.8	110.4	110.1	110.4	113.7 110.6	116.2 110.6	110.9	111.0) 111.8	111.9	118.4 112.2	2 112.8	3 112.€	3 112.9	113.2	113.2
Metals and metal productsdo Nonmetallic mineral productsdo	103.2	1			107.7	108.8 110.0		1			114.7 110.9		111.1	l 111.:	1 111.4	
Pulp, paper, and allied productsdo Rubber and plastics productsdo	. 116.1 101.9	121.8	121.2	121.6	122.2	122.9 103.7	123.5	123.9	124.2	2 126.6 106.2	127.8 106.9	7128.0 7107.5	7 107.8	7 129.5 3 108.	5 130.1 7 109.3	110.2
Textile products and appareldo Transportation equip. #do	. 103.2 110.5	105.1	104.8	105.8	105.6	106.0	106.4	1 106.6	107.0 112.5	107.6 113.2	108.1 113.2	108.4 2 113.1	1 108.7 1 113.4	7 109.0 4 113.	0 109.8 5 114.2	113.8
Motor vehicles and equipdo	109.1	111.5	111.5		110.8				111.8	112.0	111.9	111.8	8 111.9	112.0	112.6	112.8
Seasonally Adjusted Finished goods, percent change from previous																
month By stage of processing:			.] .1	3.	8.	.4	L:	.1	3. – ا	3 .3	2	2 7.6	6 7.5	3 .	5 .4	.5
Crude materials for further proc- essing			. 94.6	95.6	96.7										4 97.7	
Intermediate materials, supplies, etcdo Finished goods #dodo			101.3 105.4	101.9 1 105.7	102.4 106.0	102.7 106.4	103. 106.	2 103.6 1 106.5	5 103.8 2 105.9	8 104.2 9 106.2	104.4 106.0	1 '104.9 0 '106.0	9 105.6 6 106.9	6 106.3 9 107.	2 107.2 4 107.8	108.3
Finished consumer goods do do do do do			103.7 110.7	7 104.1 7 110.3	104.8 109.8	104.7 110.2	7 104. 2 109.	5 104.5 9 110.6	5 104.0 108.6	0 104.4 6 110.5	104.0 109.3	7104.7 3 7110.5	7 105.1 2 110.4	1 105. 5 111.	6 106.6 5 112.7	106.7 113.2
Finished goods, exc. foodsdodododo			100.	3 101.0 3 111.5	101.7 111.5	102.0 112.2) 101. 2 112.	B 101. 2 112.	7 101.8 1 111.8	3 101.4 3 112.3	101.4 112.6	4 '101.9 6 '112.9	9 102.4 9 112.	4 102. 7 112.	7 102.7 9 113.4	7 103.4 1 113.9
Nondurabledodododo			94.4 111.	95.3	96.8	96.4	1 96.	2 96.:	1 96.3	95.5	95.	5 *96 .0	0 96.8	8 97.	1 96.9	97.7 2 114.3
PURCHASING POWER OF THE DOLLAR																
As measured by:	969	.94	94:	.94	.944	.946	94	2 .94	1 .94	5 .941	.94	3 7.94	1 .93	5 .98	0 .92	7 .922
Producer prices	913		.88	.87	.878	.869	.86	7 .86			.86	2 .85	8 .85			
See footnotes at end of tables.	•								· · · · · · · · · · · · · · · · · · ·							

August 1700			BUIL	A TO I	r cc	1717171	טענו	DIME	טט							D-1
Unless otherwise stated in footnotes below, data through 1986 and methodological notes are as shown in	Ann 1986		1	******		1987	0.4	N		Jan.	E-L	W	1988	May	June	July
Business Statistics: 1986	1986	1987	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
			COI	NSTRU	CTION	AND R	EALE	STATE								
CONSTRUCTION PUT IN PLACE @								1	i	1						
New construction (unadjusted), totalmil. \$	386,093	398,850	35,938	37,187	38,015	38,327	37,194	35,191	31,579	26,307	25,776	29,132	731,222	r34,558	, ,	
Private, total #dododododododododododododododododododo	314,652 187,148 133,192	323,820 194,772 139,915	28,963 18,069 12,714	29,698 18,604 13,213	30,479 18,832 13,317	30,135 18,408 13,267	29,979 18,082 13,005	28,833 17,076 12,431	26,118 14,531 10,540	21,852 12,669 9,470	21,382 12,023 8,788	23,950 13,957 10,253	25,396 15,036 10,889	727,719 716,475 711,760	29,282 17,571 12,604	
Nonresidential buildings, except farm and public utilities, total # mil. \$ Industrialdo	91,171 13,747	91,994 13,707	7,690 1,164	7,890 1,171	8,375 1,255	8,523 1,402	8,458 1,269	8,497 1,273	7,952 1,274	6,766 1,003	6,813 993	7,205 1,053	7,616 1,201	78,201 71,318	8,456 1,418	
Commercialdo Public utilities: Telephone and telegraphdo	56,761 8,445	55,445 8,530	4,619 784	4,752 715	5,139 789	5,153 751	5,145 792	5,178 759	4,598 838	3,956 505	4,012 602	4,233 672	4,523 7542	74,891 663	4,897	
Public, total #do	71,441	75,030	6,975	7,489	7,536	8,192	7,215	6,358	5,461	4,454	4,394	5,181	75,826	76,839	7,523	
Buildings (excl. military) # dodododododododododododo	23,456 1,456 1,657	25,158 1,519 1,457	2,150 132 119	2,316 140 110	2,307 130 120	2,358 139 142	2,151 127 103	2,056 123 105	2,034 128 110	1,787 122 106	1,799 101 104	2,049 130 117	72,112 123 118	72,301 7123 111	2,447 131 128	
Military facilitiesdododo	3,867 22,682	4,324 22,757	360 2,387	415 2,599	347 2,725	504 2,833	334 2,732	423 1,988	407 1,361	348 1,001	273 991	351 1,283	⁷ 368 1,677	356 2,288	386 2,754	
New construction (seasonally adjusted at annual rates), totalbil. \$			392.6	398.9	398.3	405.4	400.8	407.1	410.9	395.3	392.5	403.6	r399.2	r402.3	402.8	ı
Private, total #dododo			319.5 193.5	323.3 193.7	325.7 193.1	327.1 194.8	325.9 194.5	331.5 195.6	331.6 195.8	321.6 195.2	317.8 192.1	324.3 195.6	r320.0	7322.5 7189.9	324.2 188.1	
New housing unitsdo Nonresidential buildings, except farm and public utilities, total # bil. \$			138.6 89.9	138.7 92.6	138.7 95.0	140.0 94.5	140.7 98.9	142.3 97.7	142.8 95.2	140.8 91.1	138.0 90.5	139.2 93.7	7138.4 794.5	7137.5 796.8	137.2	
Industrialdododododo			13.8 54.0	13.9 55.8	14.3 57.8	15.3 56.5	14.0 56.9	14.5 59.4	14.1 55.8	13.5 53.6	13.5 53.6	14.5 54.8	715.2 756.0	715.8 757.4	16.7	
Telephone and telegraphdo Public, total #do			7.9 73.0	8.2 75.6	8.9 72.6	8.5 78.2	8.6 74.9	9.0 75.6	9.9 79.2	8.0 73.7	8.3 74.7	8.0 79.3	76.8 779.2	7.8. 779.7	78.6	
Buildings (excl. military) # do Housing and redevelopmentdo Industrialdo			24.2 1.6 1.4	25.6 1.7 1.3	24.8 1.6 1.4	25.3 1.7 1.7	24.6 1.5 1.2	24.8 1.5	26.5 1.5 1.3	24.4 1.5 1.3	25.3 1.2 1.2	26.8 1.6 1.4	⁷ 26.5 1.5 1.4	727.6 1.5 1.3	27.5 1.6	ļ
Military facilitiesdodo			4.3 21.4	5.0 22.2	4.2 21.8	6.0 23.1	4.0 24.4	1.3 5.1 23.4	4.9 25.3	4.2 24.8	3.3 25.3	4.2 27.0	4.4 727.3	4.3 '25.3	4.6 24.9	
CONSTRUCTION CONTRACTS										,						
Construction contracts in 50 States (F.W. Dodge Division, McGraw-Hill): Valuation, totalmil. \$mil. \$	248,588	254,673	25,703	24,004	23,914	22,038	22,492	17,930	17,626	14,523	16,247	21,708	20,510	23,013	25,461	
Index (mo. data seas. adj.)1982=100 Public ownershipmil. \$	¹ 158 59,862	65,857	167 7,128	165 6,515	174 5,938	160 5,867	164 6,258	157 4,377	157 4,698	145 3,919	159 4,223	154 5,562	144 5,311	157 6,468	165 7,756	
Private ownershipdo By type of building: Nonresidentialdo	188,726 83,721	188,816 89,422	18,575 8,896	17,489 8,125	17,977 8,358	16,170 8,047	16,235 8,573	13,553 6,967	12,928 6,646	10,604 5,354	12,024 5,386	16,145 6,957	15,199 6,438	16,545 6,826	17,705 8,567	
Residentialdodododo	122,896 41,972	119,915 45,337	11,612 5,196	11,279 4,600	10,919 4,637	10,158 3,832	10,124 3,795	8,229 2,734	7,827 3,153	6,610 2,560	7,846 3,016	10,898 3,852	10,326 3,746	11,004 5,182	11,888 5,006	
(Engineering News-Record) §do	288,568	267,823	22,429	19,670	17,323	20,656	18,713	17,829	25,375	28,423	28,172	31,547	21,094	23,321		ļ
HOUSING STARTS AND PERMITS New housing units started: Unadjusted:																
Total (private and public)thous Privately owneddo One-family structuresdo	1,807.1 1,805.4 1,179.4	1,622.7 1,620.5 1,146.4	163.2 162.9 114.1	152.8 152.4 111.5	143.8 143.6 100.7	152.3 152.0 109.1	139.1 139.1 96.6	118.9 118.8 79.3	85.4 85.4 61.2	78.2 78.2 55.8	90.3 90.2 64.0	129.0 128.8 99.9	153.4 153.2 106.1	7140.3 7140.2 7104.0	7148.9 7148.8 7113.2	138.3 138.1 101.5
Seasonally adjusted at annual rates: Total privately owned			1,583	1,594 1,142	1,583 1,109	1,679	1,538	1,661	1,399	1,382	1,519	1,529 1,172	1,584 1,093	71,393 71,004	1,454 71,089	1,489 1,080
New private housing units authorized by huilding			1,086	1,142	1,109	1,211	1,105	1,129	1,035	1,016	1,102	1,112	1,000	1,004	1,000	1,000
permits (17,000 permit-issuing places): Monthly data are seas adj. at annual rates: Total thous	1,769					1,501						1,476			71,493	
One-family structuresdo Manufacturers' shipments of mobile homes:	1,078		1,022	994	1,014	983	962	971	957	918		1,030		982	71,002	
Unadjustedthousthousdodododo	244.3	232.8	21.5 234	21.0 243	22.0 234	21.7 240	22.2 234	17.0 228	14.3 227	13.0 200		18.8 212		20.0 216	21.7 230	
CONSTRUCTION COST INDEXES																
Dept. of Commerce composite ‡1982=100. Boeckh indexes: Average, 20 cities:	111.8	114.3	114.8	115.1	115.1	115.1	114.3	114.9	114.3	114.9	115.7	116.1	115.6	116.2	116.4	
Apartments, hotels, office buildings	114.9 113.2	115.1	.	117.3 115.2	L	117.9 115.8	ļ	118.1 116.1		116.2		119.6 117.7		120.0 118.3		120.6 118.9
Residencesdo Engineering News-Record:	117.3	119.7		119.7		120.2		120.7		120.1		121.8	····	122.3		122.9
Building	367.3 399.5	375.6 410.2	373.0 408.4	375.7 410.0	377.6 413.6	378.0 414.8	380.2 415.1	379.6 414.6		381.8 416.1	382.0 416.4	383.5 417.5		384.4 418.3	384.0 421.3	
Federal Highway Adm.—Highway construction: Composite (avg. for year or qtr.)1977=100.	171.6	172.0	172.8	ļ		171.9			172.8			201.8	ļ			ļ
See footnotes at end of tables.																

5-8			SUR	VEYC	of CU	RREN	II. BO	SINE	20						Augu	st 1988
Unless otherwise stated in footnotes below, data through 1986 and methodological notes are as shown in	Anr 1986	ual 1987	June	July	Aug.	1987 Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	1988 Apr.	May	June	July
Business Statistics: 1986	1900							لـــــــــــــــــــــــــــــــــــــ		Jan.	reo.	mar.	Apr.	May	June	
	1		NSTRU	CTION	AND.	REAL I	STATI	E—Con	tinuea			···		——		
REAL ESTATE \Diamond										. 1			Ì			
Mortgage applications for new home construction: FHA applicationsthous. units. Seasonally adjusted annual ratesdo	325.5	165.3	14.2 162	13.8 158	10.1 117	10.1 114	7.8 100	5.8 86	6.5 95	7.4 108	8.3 101	10.8 103	9.6 102	10.5 112	9.5 109	8.1 104
Requests for VA appraisalsdo Seasonally adjusted annual ratesdo	244.6	193.4	17.7 189	18.8 212	14.4 168	14.6 180	13.8 182	11.0 201	9.6 190	10.5 194	18.5 163	15.6 154	12.5 140	19.9 216	15.3 163	
Home mortgages insured or guaranteed by: Fed. Hous. Adm.: Face amount mil. \$. Vet. Adm.: Face amount §do	57,108.02 24,721.62	81,880.51 33,322.54	7,566.47 8,424.22	7,341.31 2,978.52	8,901.72 2,819.12	6,179.54 2,488.48	4,816.08 2,182.60	4,092.54 1,882.55	3,986.85 1,511.22	4,452.92 1,143.23	3,350.77 1,503.09	2,926.84 1,381.52	2,508.44 1,038.50	3,545.40 1,163.94	3,006.04 1,209.49	4,383.24 1,287.15
Federal Home Loan Banks, outstanding advances to member institutions, end of periodmil. \$.	108,645	133,054	114,335	115,321	116,846	120,090	124,775	127,056	133,054	130,911	129,582	129,503	130,238	132,118	134,832	185,759
New mortgage loans of FSLIC-insured institutions, estimated total @mil. \$.	265,513	·	27,727	23,609	20,509	20,587	20,327	16,875	21,524	13,077	713,658	⁷ 18,364	19,070	⁷ 21,226		
By purpose of loan: Home constructiondo Home purchasedo	28,825 195,513	28,410 7190,748	2,983 21,336	2,688 18,089	2,579 15,437	2,585 14,897	2,474 15,014	2,082 12,483	2,459 14,543	71,546 9,872	1,757 79,485	2,562 12,817	2,614 713,787	72,608 715,929	18,564	
All other purposesdo	41,169	r34,247	3,412	2,832	2,494	3,104	2,840	2,310	74,522	2,159	2,466	2,985	r2,670	72,690	3,483	······
	Γ			L	OMES	TIC TR	WDF									
ADVERTISING Magazine advertising (Leading National				,												
Advertisers): Cost, totalmil. \$.																
Apparel and accessoriesdo Automotive, incl. accessoriesdo							ļ									
Building materialsdo Drugs and toiletriesdo															······	
Foods, soft drinks, confection-	1		l													
erydododododododo						· · · · · · · · · · · · · · · · · · ·										
Houshold equip., supplies, fur- nishingsdo	ì			ĺ			ļ			i						
Industrial materialsdo											l				• • • • • • • • • • • • • • • • • • • •	
Soaps, cleansers, etcdo Smoking materialsdo											· · · · · · · · · · · · · · · · · · ·					
All otherdo		·····						ļ								
Newspaper advertising expenditures (Newspaper Advertising Bureau, Inc.):	1		į į		•		ł									ŀ
Total mil \$. Classified do do	. 26,989 9,303		2,396 907	2,274 911	2,494 993	2,469 919	2,658 969	2,828 893	2,507 717	2,165 845	2,173 841					
Nationaldo	. 3,376	3,494	292	250	272 1,229	309	319	334	1 240	284 1,036	269 1,064	ļ				
Retaildo	14,311	15,227	1,197	1,114	1,229	1,241	1,370	1,600	1,549	1,036	1,004				••••••	
WHOLESALE TRADE †	}		ļ		ļ	1]]		ļ					
Merchant wholesalers sales (unadj.), totalmil. \$.	1,392,313	1,520,827	130,275	127,653	126,500	132,110	137,621	126,896	132,747	118,752	124,987	142,148	131,787	r136,044		
Durable goods establishmentsdo Nondurable goods establishmentsdo	. 681,177 711,136		64,887 65,388	62,586 65,067	61,837 64,663	65,226 66,884	69,005 68,616	61,096 65,800	62,725 70,022	54,944 63,808	59,327 65,660	69,184 72,964	66,378 65,409	767,242 768,802	70,284 71,355	
Merchant wholesalers inventories, book value	'					,		,		i '						
(non-LIFO basis), end of period (unadj.), totalmil. \$.	153,571	165,819	158,425	157,211	154,651	158,624	163,892	164,406	165,819		171,742	173,184	174,543		174,133	
Durable goods establishmentsdododo	. 100,212 53,359		105,703 52,722	105,052 52,159	103,382	104,729 53,895		106,314 58,092	107,257 58,562	109,662 59,121	111,920 59,822	113,888 59,296	115,597 58,946		113,622 60,511	
RETAIL TRADE ‡	1 05,000		52,:22	52,200	01,200	00,000	33,122	1		,		,		'	,	1
All retail stores:				ı		ŀ					ļ	1		ļ]
Estimated sales (unadj.), total mil. \$		-,-	1	129,258	131,536	,	1 .				1 '			1	r137,181	1
Durable goods stores #do Building materials, hardware, garden	538,618	1	50,834	50,037	50,627	47,675	i		l	41,293	44,126		51,170		r55,216	1
supply, and mobile home dealersmil. \$ Automotive dealersdo	. 75,842 320,336		7,372 31,122	7,234 30,477	7,080 30,918	6,890 28,512		6,359 24,517	6,215 25,618	4,852 24,942	5,214 27,422	6,590 32,144	7,398 31,240	78,119 732,342	78,018 733,569	¹ 7,441 ¹ 31,271
Furniture, home furnishings, and equipmentdodo	80,347	1 '	i	1	7,116		ł		ĺ	1	6,457	7,208	1	ľ	77,657	17,619
Nondurable goods storesdo	898,879	1 '	78,153		80,909	76,840	1 '		1				79,714	r82,492	r81,965	182,129
General merch. group storesdofood storesdodo	. 165,074 . 301.762	175,885		12,883	14,555	13,268 25,867	14,826	17,533	28,132		10,662	13,743	13,814 26,762		714,355 727,821	
Gasoline service stationsdo	97,277		9,015		9,348	8,845	9,012	8,595	8,817	8,316		8,708	8,817	79,248	79,372	19,518
Apparel and accessory storesdo Eating and drinking placesdo	74,765 135,308	79,069 147,645		5,894 13,197	6,823 13,290	6,403 12,223	6,748 12,699			5,103 11,518		6,640 12,537	6,449 12,874	76,516 713,279	76,371 713,522	16,180 13,847
Drug and proprietary storesdo	51,631	56,000	4,593	4,582	4,582	4,468	4,733	4,640	6,342	4,619	4,642	4,987	4,850	4,960	74,928 1,612	4.741
Liquor storesdo Estimated sales (seas. adj.), totaldo	19,635	1	1,600 126,461	1			1	1		1,443 128,769	1	l .	1,529 131,717			134,019
Durable goods stores #do	1		r46,976					1			1	1	1			
Bldg. materials, hardware, garden sup- ply, and mobile home dealers #mil. \$	1	İ	76,424	1		į	1	1	1		1		7,057	77,087	77,023	16,896
Building materials and supply storesdo	l l	1	74,808	1	1	4,969	1		1	1	5,045	1	1	75,329	5,300	1
Hardware storesdo		·}	. 1,125	1,163	1,148	1,177	1,238	1,208	1,204	1,152	1,196	1,240	1,285	71,268	1,268	
Automotive dealersdo Motor vehicle and miscellaneous			. 727,753	r27,969	30,175	28,465	27,673	27,499	28,220	28,935	29,523	29,895	29,569	⁷ 29,488	⁷ 29,592	130,149
auto dealersdo			. 725,532	r25,710	27,849	26,159	25,344	25,194	25,877	26,528	27,038	27,401	27,112	r27,022	727,075	127,686
Auto and home supply storesdo			. r2,221	r2,259	2,326	2,306	2,329	2,305	2,343	2,407	2,485	2,494	2,457	r2,466	2,517	
Furniture, home furnishings,	ŀ		rc.000	F# 1.5		7.05	004	0.000		7 104	7 940	7.510	7.055	77 700	rn or-	17,790
and equipment #do Furniture, home furnish			. '6,962			1			1		1	1			1	
ings storesdo Household appliance, radio, and			3,701	73,755	3,708	3,723	3,701	3,671	3,616	3,744	3,797	3,892	1	r3,935	1	
TV storesdo			. 72,808	72,908	2,958	2,881	2,775	2,846	2,849	2,963	3,071	3,155	3,224	73,278	3,339	·
See footnotes at end of tables.		•	•	•	•	•	•	•	•	•	•	•		-	•	•

Unless otherwise stated in footnotes	Anı	rual				1987		•					1988			
below, data through 1986 and methodological notes are as shown in Business Statistics: 1986	1986	1987	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
]	DOMES	STIC TI	RADE-	-Contin	ued								
RETAIL TRADE ‡—Continued	Ì							Ì								
All retail stores—Continued Estimated sales (seas. adj.)—Continued																
Nondurable goods storesmil. \$			*79,485	779,634	80,367	79,867	79,919	80,181	80,615	80,080	80,413	81,779	81,298	782,415	r82,660	182,957
General merch. group storesdo Department stores excluding			r14,566	⁷ 14,495	14,788	14,580	14,742	14,805	15,035	14,953	14,650	14,911	14,787	14,952	715,164	¹ 15,194
leased departmentsdo Variety storesdo			'12,081 '688	712,134 7687	12,309 700	12,166 692	12,322 698	12,403 700	12,548 711	12,526 693	12,252 693	12,468 691	12,399 670	712,512 7670	712,709 680	112,798
Food storesdododo	ļ		⁷ 26,391 ⁷ 24,865	726,271 24,711	26,554 24,996	26,341 24,791	26,309 24,774	26,259 24,789	26,309 24,787	26,169 24,622	26,612 25,072	27,036 25,507	26,869 25,309	727,451 725,833	⁷ 27,404 ⁷ 25,771	¹ 27,569 ¹ 25,934
Gasoline service stationsdo			78,610	r8,780	8,945	8,872	8,801	8,761	8,687	8,754	8,715	8,996	8,879	r8,979	78,986	18,966
Apparel and accessory stores #do Men's and boys' clothing and	1		76,589	⁷ 6,644	6,667	6,680	6,637	6,594	6,708	6,514	6,537	6,689	6,621	r6,737	r6,829	16,936
furnishings storesdo Women's clothing, specialty stores,	l .		7761	761	760	762	774	722	777	783	767	768	751	7742	747	
and furriersdo Shoe storesdo			⁷ 2,608 71,214	r2,601 r1,220	2,649 1,233	2,620 1,205	2,603 1,188	2,578 1,209	2,597 1,276	2,582 1,175	2,606 1,163	2,605 1,227	2,624 1,200	r2,673 r1,226	2,712 . 1,244 .	
Eating and drinking placesdo			12,278 r4.658	712,242 74,690	12,283 4,709	12,284 4,768	12,853 4,786	12,604 4,803	12,791 4,754	12,547 4,832	12,636 4,891	12,664 4,977	12,659 4,985	712,744 75,000	712,841 74,983	112,869 14,933
Drug and proprietary storesdo Liquor storesdo			1,613	1,621	1,625	1,629	1,637	1,651	1,642	1,589	1,578	1,586	1,616	71,634		4,333
Estimated inventories, end of period: Book value (non-LIFO basis),															į	
(unadjusted), totalmil. \$ Durable goods stores #do	180,530 89,850	205,138 106,689	199,007 102,192	199,470 100,428	197,390 96,205	201,518 96,303	215,174 104,172	219,614 108,022	205,138 106,689	202,712 105,297	206,349 106,051	211,109 107,493	r212,578 r108,039	211,636 108,413		
Bldg. materials, hardware, garden sup- ply, and mobile home dealersdo	13,339	14,503	15,359	15,054	15,119	14,759	14,602	14,545	14,503	14,834	15,375	16,030	°15,975	15,707		
Automotive dealersdo Furniture, home furnishings,	45,529	57,740	54,377	52,574	47,907	47,014	52,627	55,868	57,740	56,313	56,403	56,236	756,034			
and equipmentdo Nondurable goods stores #do	15,199 90,680	16,881 98,449	15,469 96,815	15,567 99,042	15,818 101,185	16,578 105,215	17,554 111,002	17,707 111,592	16,881 98,449	16,598 97,415	16,537 100,298	17,283 103,616	717,655 7104,539			
General merch, group storesdo Department stores excluding	31,280	33,401	33,820	35,145	36,017	38,049	41,383	41,587	33,401	33,361	35,191	37,053	737,956			
leased departmentsdo Food storesdo	24,559 20,044	26,032 20,581	26,359 20,363	27,392 20,211	28,080 20,060	29,683 20,151	32,482 20,773	32,734 21,113	26,032 20,581	26,156 20,420	27,581 20,482	28,982 20,904	729,857 720,788	29,202 20,809		
Apparel and accessory storesdo	14,625	17,471	17,035	17,755	18,881	19,705	20,554	20,925	17,471	16,933	17,997	18,739	18,727	- 1		
Book value (non-LIFO basis),		7 3	, i				·								1	
(seas. adj.), totaldododo	185,996 91,085	211,100 107,948	200,424 100,716	202,210 101,590	202,684 101,569	203,708 102,394	206,577 104,846	208,260 106,490	211,100 107,948	209,824 106,377	208,698 104,479	208,822 103,631	r209,550 r104,349	105,995		
Bidg. materials, hardware, garden sup- ply, and mobile home dealersdo Automotive dealersdo	13,997	15,234 57,312	15,162	14,964	15,074	14,863	14,675	14,872	15,234 57,312	15,356	15,499	15,609 51,905	715,435			
Furniture, home furn., and equipdo	45,267 15,260	16,932	52,620 15,547	53,384 15,852	53,292 15,946	53,755 16,414	55,680 16,670	56,703 16,673	16,932	55,500 17,006	53,307 17,101	17,618	r52,575	· 1		***************************************
Nondurable goods stores #do	94,911	103,152	99,708	100,620	101,115	101,314	101,731	101,770	103,152	103,447	104,219	105,191	105,201	105,277		************
General merch. group storesdo Department stores excluding	34,405	36,742	35,271	35,796	35,743	35,800	36,241	36,259	36,742	37,145	37,500	37,976	737,905			
leased departmentsdo	26,870 19,803	28,481 20,334	27,515 20,439	28,066 20,531	28,052 20,536	28,082 20,318	28,568 20,253	28,390 20,188	28,481 20,334	29,192 20,467	29,404 20,665	29,664 20,951	⁷ 29,649 ⁷ 20,957	29,587 21,051		
Apparel and accessory storesdo	15,760	18,827	17,800	17,971	18,420	18,625	18,584	18,817	18,827	18,710	18,904	18,871	18,783	18,850		
Firms with 11 or more stores: Estimated sales (unadj.), totalmil. \$	534,148	569,081	45,665	45,913	47,817	45,201	48,517	50,998	70,238	41,161	40,583	47,574	47,340	48,817		
Durable goods storesdo	59,789 6,744	67,665 7,185	5,510 634	5,494 639	5,667 636	5,444 615	5,663 642	6,223 596	9,494 618	4,661 513	4,674 489	5,563 628	75,809 7641	6,115 651		
Nondurable goods stores #do	474,359	501,436	40,155	40,419	42,160	39,757	42,864	44,775	60,744	36,510	35,909	42,011	⁷ 41,531			
General merchandise group storesdo	153,110	162,289	12,490	11,792	13,424	12,222	13,642	16,271	26,264	9,510	9,845	12,722	12,735	13,571		
Food storesdodo	171,121 168,343	179,635 176,918	14,769 14,559	15,663 15,451	15,010 14,806	14,614 14,416	15,535 15,323	14,700 14,489	16,580 16,199	15,064 14,862	14,257 14,042	15,559 15,334	715,413 715,182	15,260		
Apparel and accessory storesdo Eating placesdo	39,002 34,976	42,405 37,486	3,253 3,228	3,093 3,365	3,766 3,405	3,425 3,052	3,598 3,217	3,946 2,970	6,277 3,106	2,537 2,918	2,506 2,891	3,613 3,159	r3,417 r3,217	3,487 3,266		·····
Drug stores and proprietary storesdo	30,030	32,868	2,660	2,644	2,652	2,566	2,684	2,730	4,037	2,724	2,696	2,930	⁷ 2,805			
Estimated sales(sea. adj.), total #do Auto and home supply storesdo			47,239 608	47,417 600	48,081 611	47,623 602	48,015 586	48,070 579	48,404 588	48,504 614	48,288 614	48,895 634	748,831 7624	49,112 630		·····
Department stores excluding leased departmentsdo			11,704	11,791	11,916	11,787	11,968	12,031	12,182	12,128	11,853	12,075	⁷ 11,951	11,996		·····
Variety storesdo			548 14,796	554 14,800	568 15,062	561 14,740	568 14,964	565 14,922	569 14,902	544 14,922	532 15,050	545 15,182	7519 715,167	15,306		
Apparel and accessory stores do Women's clothing, specialty stores.			3,541	3,576	3,564	3,570	3,597	3,554	3,553	3,531	3,492	3,579	r3,566	3,657		
and furriersdo Shoe storesdo			1,430 745	1,428 742	1,443 754	1,424 749	1,454 721	1,412 734	1,414 751	1,420 720	1,402 712	1,390 774	71,400 7751	1,431 779		
Drug stores and proprietary storesdo	•••••		2,737	2,734	2,743	2,771	2,773	2,814	2,769	2,904	2,911	2,945	r2,937	ì		
		LA	BOR F	ORCE,	EMPL	OYME	NT, AN	D EARN	NINGS							
LABOR FORCE AND POPULATION				ĺ												
Not Seasonally Adjusted	1															
Noninstitutional population, persons 16 years of age and overthous	182,293	184,490	184,421	184,605	184,738	184,904	185,052	185,225	185,370	185,571	185,705	185,847	185,964	186,088	186,247	186,402
Labor force @	119,540 1,706		122,871 1,718	123,825 1,720	123,350 1,736	121,627 1,743	122,485 1,741	122,366 1,755	121,956 1,750	121,491 1,749	121,678 1,736	121,693 1,736	121,996 1,732	122,489 1,714	124,713 1,685	125,561 1,673
Civilian noninstitutional populationdo Civilian labor force, totaldo	180,587 117,834	182,753	182,703 121,153	182,885 122,105	183,002 121,614	183,161 119,884	183,311 120,744	183,470 120,611	183,620 120,206	183,822 119,742	183,969 119,942	184,111 119,957	184,232 120,264	184,374 120,775	184,562 123,028	184,729 123,888
Employed	109,597 8,237	112,440 7,425	121,155 113,498 7,655	114,652 7,453	114,527 7,088	113,027 6,857	113,898 6,845	113,809 6,802	113,679 6,526	112,139 7,603	112,460 7,482	112,867 7,090	113,905 6,359	114,222 6,553	116,209 6,819	117,066 6,823
Seasonally Adjusted \Diamond	0,401	1,420	1,000	1,400	1,000	0,001	0,040	0,002	0,020	1,000	1,402	1,000	0,000	0,000	0,015	0,020
Civilian labor force, totaldo Participation rate †percent.	65.3	65.6	119,608 65.5	119,890 65.6	120,306 65.7	119,963 65.5	120,387 65.7	120,594 65.7	120,722 65.7	121,175 65.9	121,348 66.0	120,903 65.7	121,323 65.9	120,978 65.6	121,472 65.8	121,684 65.9
Employed, total	60.7	61.5	112,300 61.5	112,639 61.6	113,050 61.8	112,872 61.6		113,504 61.9	113,744 61.9	114,129 62.1	114,409 62.2	114,103 62.0	114,713 62.3			
Agriculturedo	3,163 106,434	3,208	3,192 109,108	3,212	3,143 109,907	3,184 109,688	3,249 109,961	3,172 110,332	3,215 110,529	3,293 110,836	3,228 111,182	3,204 110,899	3,228 111,485	3,035 111,160	3,085 111,933	3,046 112,014
Unemployed, totaldo			7,308	7,251	7,256	7,091	7,177	7,090	6,978	7,046	6,938	6,801	6,610	6,783	6,455	6,625
Long term, 15 weeks and overdodo	2,232	1,983	2,029	1,920	1,896	1,904	1,801	1,834	1,791	1,733	1,740	1,722	1,540	1,609	1,512	1,629
See footnotes at end of tables.	•				1			, 1	1				1	,		

Unless otherwise stated in footnotes	Anne	ual				1987							1988			
below, data through 1986 and methodological notes are as shown in Business Statistics: 1986	1986	1987	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
	L	ABOR	FORCE	EMPL	ОҮМЕ	NT, AN	D EAR	NINGS	—Conti	nued						
LABOR FORCE—Continued																
Seasonally Adjusted ◊ Civilian labor force—Continued Unemployed—Continued																
Rates(unemployed in each group as percent of civilian labor force in the group):	[- 0		- 0	- 0	- 1
All civilian workers	7.0 6.1	6.2 5.4	6.1 5.5 5.3	6.0 5.4	6.0 5.2	5.9 5.0	6.0 5.1	5.9 5.0	5.8 4.9	5.8 5.1	5.7 4.9	5.6 4.9	5.4 4.6 4.8	5.6 4.9	5.3 4.6	5.4 4.5
Women, 20 years and over Both sexes, 16-19 years	6.2 18.3	5.4 16.9	5.3 16.0	5.4 15.8	5.3 16.2	5.4 16.4	5.2 17.2	5.2 16.6	5.2 16.1	5.1 16.0	5.2 15.4	4.8 16.5	4.8 15.9	4.9 15.6	4.9 13.6	5.1 15.2
WhiteBlack	6.0 14.5	5.3 13.0	5.3 12.8	5.2 12.7	5.2 12.4	5.1 12.8	5.2	5.1 12.2	4.9 12.2	5.0 12.2	4.8 12.6 8.3 3.4	4.7 12.8 8.2 3.4	4.6 12.2	4,7 12.4	4.5 11.5	4.7 11.4
Hispanic origin	10.6	8.8 3.9 4.3	8.6 4.0	12.7 8.1 3.8 4.2	8.1 3.7	12.3 8.2 3.7	12.1 8.3 3.7	9.0 3.5	12.2 8.1 3.4 4.3	7.2 3.6	8.3 3.4	8.2 3.4	9.3 3.0	9.0 3.3	9.0 3.1	8.0 3.0
Married women, spouse present	4.4 5.2 9.8	4.3 9.2	4.0 9.5	4.2 9.3	4.3 9.0	4.2 8.8	4.2 8.9	4.2 8.5	4.3 8.4	4.2 8.9	4.1 8.3	4.0 7.5	3.8 8.7	3.9 8.4	3.7 7.8	4.1 8.6
Industry of last job: Private nonagricultural wage and																
salary workers	7.0 13.1	6.2 11.6	6.1 11.7	6.1 10.8	6.0 11.3	5.9 11.9	5.9 11.2	5.8 10.6	5.7 10.6	5.8 12.2	5.7 11.0	5.6 10.7	5.3 10.6	5.7 10.5	5.4 10.2	5.4 10.2 5.2
Manufacturing	7.1 6.9	6.0 5.8	5.7 5.4	6.0 6.0	5.6 5.5	5.6 5.4	5.7 5.2	5.3 4.8	5.1 4.8	5.6 5.5	5.6 5.9	5.2 5.2	5.3 4.8	10.5 5.4 4.9	4.8 4.4	5.0
Agricultural wage and salary workers	12.5	10.5	9.3	10.9	10.6	8.6	10.6	11.1	10.9	11.5	10.2	11.0	10.6	13.9	9.7	10.8
Not Seasonally Adjusted Occupation:		0.0						0.0	0.1	0.1		10	1.7	1.7	2.0	2.3
Managerial and professional specialty Technical, sales, and administrative	2.4	2.3	2.4	2.5	2.4	2.4	2.2	2.0	2.1	2.1	2.0 4.1	1.6	3.5	4.1	4.0	
support	4.7 8.6 7.2	4.3 7.7	4.5 7.9 5.9	4.3 7.5	4.4 7.6	4.4 7.5 5.1 7.8	4.2 7.3 4.9	4.1 7.5 5.2	3.6 7.0	4.4 7.7 6.9	8.0 6.9	4.1 7.0 6.8	6.4 5.3	6.8 5.1	7.0 4.8	4.1 7.0 4.6
Precision production, craft, and repair Operators, fabricators, and laborers Farming, forestry, and fishing	10.9 7.8	6.1 9.4 7.1	8.4 5.1	5.4 8.9 5.6	5.2 8.1 5.7	7.8 5.8	8.3 6.8	8.3 8.4	5.2 8.7 8.7	10.4 10.3	10.3 9.5	9.8 8.6	8.6 6.3	8.3	7.2 5.0	7.3 6.0
EMPLOYMENT §	1.0	1.1	5.1	9.0	3.1	0.0	0.0	0.4	0.1	10.5	3.0	0.0	0.5	0.1	0.0	0.0
Employees on payrolls of nonagricultural estab.:	00 505	100.010	100 010	100 010	100 471	100.000	104 010	104 540	104 900	100 000	100 070	104 161	105 150	⁷ 105,956	^r 106,882	p106,098
Total, not adjusted for seas. variationthous Private sector (excl. government)do	99,525 82,832	102,310 85,295	102,910 85,861	102,212 86,057	102,471 86,478	103,288 86,556	104,210 86,855	104,548 87,034	104,809 87,318	102,802 85,593	103,373 85,844	104,161 86,490	105,159 87,505		789,459	*89,607
Seasonally Adjusted																
Total employees, nonagricultural payrollsdo	99,525	102,310	102,078	102,430	102,672	102,906	103,371	103,678	104,001	104,262	104,729 87,475	105,020	105,281 87,973	r105,489 r88,139	'106,021 '88,661	P106,304 P88,929
Private sector (excl. government)do Nonmanufacturing industriesdo Goods-producingdo	82,832 63,867	85,295 66,230 24,784	85,094 66,112	85,421 66,352	85,656 66,545	85,851 66,695	86,241 67,016	103,678 86,520 67,223 25,123	86,794 67,446	87,044 67,675	68,085	87,700 68,295 25,330	68,513 25,435	68,649 725,466	r69.116	p69,316 p25,672
Miningdo	24,558 777	721	24,684 719	24,788 722	24,851 728	24,902 734 5,012	25,025 740	736 5,090	25,201 735 5,118	25,180 728 5,083	25,271 731 5,150	733 5,192	737 5,238	7739 75,237	r25,590 r740 r5,305	P740 P5,319
Constructiondo Manufacturingdo	4,816 18,965	4,998 19,065	4,983 18,982	4,997 19,069	5,012 19,111	19,156	5,060 19,225	19 297	19,348	19,369	19,390	19,405	19,460	719,490	19,545	P19,613
Durable goodsdo Lumber and wood productsdo	11,230 710	11,218 740	11,166 736	11,190 740	11,246 739	11,269 744	11,315 744	11,355 750	11,390 754	11,393 754	11,404 756	11,411 755	11,459 758	⁷ 757	711,514 7758	P11,573
Furniture and fixturesdo Stone, clay and glass productsdo	498 585	518 582	516 580	524 579	524 580	526 580	529 583	531 585 768	533 588	536 583	535 584	534 585	758 535 587	537 585	⁷ 537 7587	P543 P588
Primary metal industries	752 1,423	749 1,407	746 1,400	751 1,404	755 1,405	$761 \\ 1,412$	766 1,421	1,429	769 1,433	768 1,435	770 1,438	772 1,439	773 1,444	7776 1,448	781 1,456	P790 P1,463
Electric and electronic equip	2,053 2,116	2,023 2,084	2,013 2,066	2,020 2,075	2,031 2,081	2,039 2,085	2,049 2,094	2,062 2,100	2,074 2,110	2,085 2,112	2,091 2,112	2,099 2,115	2,111 2,117	72,121 2,115	r2,135 r2,120 r2,046	°2,159 °2,126 °2,050
Transportation equipmentdodo Instruments and related	2,025	2,048 696	2,047	2,032 695	2,063	2,052 696	2,052 700	2,047 704	2,046 704	2,036 704	2,031 705	2,025 705	2,045 706	72,048	7712	°2,030
productsdo Miscellaneous manufacturingdo	706 361	370	694 368	370	696 372	374	377	379	379	380	382	382	383	381	7382	₱386
Nondurable goodsdo Food and kindred productsdo	7,734 1,609	7,847 1,624	7,816 1,621	7,879 1,629	7,865 1,625	7,887 1,627	7,910 1,630	7,942 1,636 54	7,958 1,638 54	7,976 1,647	7,986 1,649	7,994 1,647	8,001 1,648	78,013 71,643	71.648	*8,040 *1,645
Textile mill productsdo	59 703	54 725	55 724	55 730	54 728	53 730	52 731	54 733	54 733	55 732	54 732	54 729	54 727	52 728	53 7727	₽53 ₽728
Apparel and other textile productsdo Paper and allied productsdo	1,101	1,100	1,098	1,116	1,098	1,104	1,106	1,110	1,106	1,105	1,104	1,106	1,100	1,100 689	71,096 7691	°1,089 °691
Paper and allied productsdo Printing and publishingdododododo	1.459	1,507	1,505		1,514	682 1,518			684 1,532 1,047	685 1,538 1,047	686 1,544 1,049	687 1,548 1,052	687 1,554 1,056	⁷ 1,559	1,564	°1,568
Petroleum and coal productsdo Rubber and plastics prod-	1,022 169	1,026 165		1,025 165	1,029 165	1,032 166	1,036 167	1,041 167	1,047	1,047	165	164	165	166		P167
ucts, necdodo Leather and leather productsdo	790 149	823 144		824 147	827 145	830 145	839 145	845 145	851 146	854 147	856 147	860 147	864 146	870 146		₽884 ₽144
Service-producingdo	74,967	77,525	77.394	77,642	77,821	78,004	78,346	78,555	78,800	79,082	79,458	79,690	79,846 5,543	780,023		P80,632 P5,593
Transportation and public utilitiesdo Wholesale tradedodo Retail tradedodo	5,255 5,753 17,930	5,385 5,872 18,509	5,363 5,860 18,481	5,373 5,874 18,543	5,394 5,892 18,569	5,427 5,914 18,605	5,448 5,935 18,705	5,466 5,958 18,761	5,481 5,984 18,784	5,499 6,010 18,927	5,513 6,035 19,045	5,530 6,061 19,050	6,089 19,093	6,115	r6,145	^p 6,169 ^p 19,295
Finance, insurance, and real	6.283	6,549		6,570	6,581	6,588	6,604	6,608	6,619	6.633	6,636	6,651	6,650	1	76,676	P6,678
Services do Government do	23,053 16,693	24,196	24,153	24,273 17,009	24.369	24,415 17,055	24,524 17,130	24,604 17,158	24,725 17,207	24,795 17,218	24,975 17,254	25,078 17,320	25,163 17,308	25,216	725,459 717,360	P25,522
Federaldo	2,899 3,893	2,943 3,963	2,939 3,946	2,941 3,965	2,943 3,971	2,962 3,973	2,966 3,985	2,974 3,988	2,980 4,001	2,973 4,006	2,972 4,014	2,970 4,031	2,963 4,041	r2,957	72,951 74,030	^p 2,947 ^p 4,049
Localdo	9,901	10,109	10,099	10,103		10,120	10,179	10,196	10,226	10,239	10,268	10,319	10,304	′10,343	710,379	°10,379
Production or nonsupervisory workers on private nonagric. payrolls, not seas. adjustedthousdo	67,018 12,877	69,039 12,995	69,593 13,024		70,085 13,098	70,135 13,240	70,369 13,226	70,523 13,256	70,767 13,239	69,028 13,101	69,239 13,136	69,797 13,165	70,717 13,213		772,421 713,425	^p 72,512 ^p 13,289
Seasonally Adjusted	12,011	12,330	10,024	12,000	10,000	10,240	10,220	10,200	10,200	10,101	10,100	10,100	10,210	10,211	10,120	10,200
Production or nonsupervisory workers on private nonagricultural payrollsthous.	67,018	69,039	68,890	69,155	69,343	69,463	69,766	69,988	70,234	70,405	70,787	70,961	71,170	771,260	71,710	₽71,932
Goods-producing do do Mining do do	17,197 545	17,412 515	17,334	17,417		17,506 528	17,601 534	17,678 531	17,743 530	17,698 524	17,798 527	17,839 529	17,909	17,925	718,024 7535	
Construction	3,775 12,877	3,902 12,995	3,883	3,894	3,908	3,903	3.949	3,972 13,175	3 998	3 949	4,022 13,249	4,059 13,251	4,096 13,280	74,088	74,148 713,341	^p 4,159 ^p 13,406
Durable goodsdo Lumber and wood productsdo	. 7,426 597	7,458 619	7,417	7,432	7,483	7,499 621	7,532 621	7,564 627	13,215 7,590 630	629	7,599 631	7,598 631	7,632 633	77,649 632	77,677	P7,740 P627
Furniture and fixturesdo Stone, clay, and glass	. 398	415	413	420	419	420	424	425	427	428	427	426	427	7429	r429	^p 435
productsdo Primary metal industriesdo	. 450 566		561	565	571	449 577	451 580	453 584	457 584	453 583	454 586		457 591	594	r600	
Fabricated metal productsdo Machinery, except electricaldo	. 1,052 1,221	1.044	1,038	1,040 1,197	1,043 1,207	1.050	1.055	1.063	1,068 1,238	1,068 1,244	1,071 1,250	1,071 1,256	1,073 1,262	1,079 r1,269	1,275	P1,295
Electric and electronic equipdo Transportation equipmentdo	. 1,227 . 1,272	1,222 1,291	1,211	1,221 1,274	1.224	1,225 1,292	1,233 1,290	1,235 1,285	1.241	1,240 1,273	1,241 1,271	1,242 1,261	1,244 1,276	71,244 71,278	71,249 71,277	P1,263 P1,282
Instruments and related productsdo	382	379	376	378	378	380	383	385		387	388	388	389	391	r398	#396
Miscellaneous manufacturingdo	262	270	269	270	271	272	274	277	277	277	280	280	280	278	r279	₽282
See footnotes at end of tables.																

Unless otherwise stated in feetnetes

Unless otherwise stated in footnotes below, data through 1986 and	Ann	ual				1987							1988			
methodological notes are as shown in Business Statistics: 1986	1986	1987	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
	L	ABOR	FORCE	, EMPI	OYME	NT, AN	D EAR	NINGS	—Conti	inued						
EMPLOYMENT 8—Continued																
Seasonally Adjusted Production or nonsupervisory workers—Contin-																
ued	E 450	E E 40	E 500	E 8774		E 570	E E0@	E 611	E 69E	5 649	5 650	5,653	5,648	r5,653	5,664	°5,666
Nondurable goodsthous	5,450 1,131 44	5,548 1,149 41	5,522 1,148 41	5,574 1,153 42	5,555 1,149 41	5,576 1,151 39	5,586 1,153 39	5,611 1,159 40	5,625 1,161 41	5,643 1,169 42	5,650 1,172 41	1,168 41	1,169 40	71,164	71,169 40	P1,163
Tobacco manufacturesdo Textile mill productsdo Apparel and other textile	608	629	628	635	632	634	634	636	636	636	636	634	632	632	7630	P632
productsdo Paper and allied productsdo	927 511	924 516	923 514	939 516	922 516	927 520	929 518	932 518	930 519	929 520	928 521	930 521	926 520	r925 r521	922 522	°913 °523
Printing and publishingdo Chemicals and allied productsdo	817 568	842 576	840 569	842 576	846 579	520 849 582	851 582	518 856 585	858 589	520 863 589	867 589	870 592	871 593 107	7521 7872 7596	522 875 599	*875 *601
Petroleum and coal productsdo Rubber and plastics prod-	106	108	108	108	108	109	109	109	109	109	108	107	- 1	108	108	P110
ucts, necdo Leather and leather productsdo	615 123	639 120	632 119	639 124	641 121	644 121	650 121	655 121	661 121	664 122	666 122	669 121	670 120	7676 7120	679 7120	₽690 ₽119
Service-producingdo Transportation and public utilitiesdo	49,822 4,345	51,628 4,464	51,556 4,450	51,738 4,460	51,875 4,477	51,957 4,502	52,165 4,517	52,310 4,533	52,491 4,545	52,707 4,560	52,989 4,574	53,122 4,587	53,261 4,600	53,335 '4,611	753,686 74,624	p53,833 p4,645
Wholesale tradedododo	4,615 15,969	4,704 16,454	4,695 16,433	4,706 16,486	4,720 16,508	4,736 16,520	4,752 16,610	4,777 16,651	4,802 16,671	4,825 16,795	4,848 16,902	4,587 4,881 16,897	4,902 16,949	74,924 716,949	74,954 717,033	°4,969 °17,097
Finance, insurance, and real estatedo	4,645	4,807	4,815	4,819	4,822	4,821	4,822	4,818	4.824	4,831	4,827	4,825	4,823	r4,828	r4,839	P4,845
Servicesdo	20,248	21,198	21,163	21,267	21,348	21,378	21,464	21,531	21,649	21,696	21,838	21,932	21,987	⁷ 22,023	722,236	°22,277
AVERAGE HOURS PER WEEK 8 Seasonally Adjusted												İ			. 1	
Avg. weekly hours per worker on private nonag. payrolls: ◊													}			
Not seasonally adjustedhours Seasonally adjusteddo	34.8	34.8	35.0 34.7	35.0 34.8	35.2 34.8	34.7 34.6	34.9 34.9	34.8 34.8	34.8 34.6	34.4 34.7	34.5 34.8	34.4 34.6	34.7 34.9	34.6 34.7	35.0 r34.7	P35.1 P34.9
Mining ‡	42.2 37.4	42.4 37.8	42.3 38.1	42.0 38.6	42.7 38.6	42.3 36.5	42.9 38.8	42.6 37.1	34.6 43.1 37.6	42.1 35.9	41.8 36.1	41.9 37.4	42.8 37.9	742.2 738.2	742.6 38.7	P42.2 P38.5
Manufacturing: Not seasonally adjusteddo	40.7	41.0	41.1	40.6	40.9	40.8	41.3	41.4	41.8	41.0	40.7	40.9	41.0	40.9	741.2	P40.7
Seasonally adjusteddo Overtime hoursdo	3.4	3.7	41.0 3.7	41.0 3.8	41.0 3.8	40.6 3.7	41.2 3.9	41.2 3.9	41.0 3.8	41.1 3.9	41.0 3.7	40.9 3.7	41.2 3.9	41.0 3.9	741.1 3.9	P41.1 P3.9
Durable goodsdododo	41.3 3.5	41.5 3.8	41.5 3.8	41.6 3.8	41.5 3.9	41.0 3.7	41.8 4.0	41.8 4.0	41.5 3.9	41.6 4.0	41.5 3.8	41.5 3.8	42.0 4.2	41.8 4.2	741.8 4.1	P41.7 P4.0
Lumber and wood productsdo Furniture and fixturesdo	40.3 39.8	40.6 40.0	40.6 40.0	40.6 40.0	40.5 40.0	39.6 39.5	40.4 40.1	40.7 40.2	40.4 39.8 42.5	40.2 39.6	40.3 39.5	40.1 39.3	40.6 39.5	740.1 739.5	740.2 739.3	P40.4 P39.4 P42.2
Stone, clay, and glass productsdo Primary metal industriesdo	42.2 41.9	42.3 43.1	42.0 43.0	42.3 43.2	42.2 43.3	42.0 43.2	42.5 43.6	42.4 43.5	43.4	42.0 43.4	42.3 43.1	42.3 43.3	42.5 43.5	42.3 743.6	742.4 743.6 742.0	P43.4 P41.6
Fabricated metal productsdo Machinery, except electricaldo Electric and electronic	41.3 41.6	41.5 42.2	41.6 42.3	41.5 42.5	41.5 42.3	40.9 41.7	41.9 42.6	42.1 42.7	41.7 42.6	41.8 42.7	41.6 42.6	41.6 42.5	42.0 42.8	41.9 42.6	42.4	P42.9
equipdo Transportation equipmentdo	41.0 42.3	40.9 42.0	40.9 41.9	40.9 41.8	40.9 41.8	40.4 41.4	41.0 42.4	41.0 42.3	40.9 41.5	41.1 42.0	40.9 42.0	40.9 42.1	41.2 43.0	41.0 *43.0	^r 41.1 ^r 43.0	P40.8 P42.7
Instruments and related productsdo	41.0	41.4	41.4	41.5	41.6	41.0	41.9	41.4	41.2	41.8	41.3	41.4	41.8	41.4	⁷ 41.4	P41.6
Miscellaneous manufacturingdo Nondurable goodsdo	39.6 39.9	39.4 40.2	39.4 40.2	39.5 40.3	39.7 40.3	38.9 40.1	39.5 40.4	39.2 40.3	39.2 40.3	39.1 40.3	39.3 40.2	39.2 40.1	39.4 40.3	39.2 40.0	739.4 40.1	°39.5 °40.3
Overtime hoursdo Food and kindred productsdo	3.3 40.0	3.6 40.2	3.6 40.1	3.7 40.1	3.7 40.2	3.6 40.2	3.8 40.4	3.7 40.4	3.7 40.5	3.8 40.6	3.6 40.3	3.6 40.1	3.6 40.1	3.6 740.1	3.6 40.4	°3.8 °40.6
Tobacco manufactures ‡do Textile mill productsdo	37.4 41.1	39.0 41.8	41.2 42.1	37.3 42.3	37.8 42.0	40.1 41.4	41.4 41.8	40.9 41.6	40.5 41.5	39.2 41.5	38.6 41.6	39.3 41.2	38.5 41.6	739.5 740.8	739.8 40.6	°39.0 °41.1
Apparel and other textile productsdo	36.7	37.0	37.0	37.2	37.2	36.4	37.3	37.1	87.1	36.8	37.0	37.0	37.4	36.8	· 737.0	₽37.2
Paper and allied products do Printing and publishing do	43.2 38.0	43.4 38.0	43.4 38.0	43.5 38.1	43.4 38.1	43.7 38.1	43.6 38.1	43.5 38.0	43.3 38.0	43.4 38.1	43.3 38.1	43.2 38.1	43.3 38.2	43.3 37.7	43.1 r38.0	P43.3 P38.0
Chemicals and allied productsdo Petroleum and coal products ‡do	41.9 43.8	42.3 44.0	42.2 43.6	42.2 44.9	42.4 43.6	42.5 44.0	42.5 44.0	42.5 44.1	42.5 44.5	42.5 44.2	42.4 43.3	42.5 43.7	42.1 44.4	^r 42.0 ^r 44.1	42.4 745.0	P42.3 P45.2
Rubber and plastics prod- ucts, necdo Leather and leather productsdo	41.3 36.9	41.6 38.2	41.7 38.5	41.6 38.4	41.6	41.3 37.8	41.8 38.8	41.8 38.3	41.6 38.0	41.7 38.0	41.6 37.8	41.7 37.9	42.0 37.3	41.7 737.3	41.6 36.9	P41.9 P37.4
Transportation and public utilitiesdo	39.2	39.2	39.0	39.3	38.9 39.3	39.1	39.3	39.2	39.1	39.5	39.1	38.8	39.5	r39.4	39.3	P39.4
Wholesale trade	38.3 29.2	38.1 29.2	38.1 29.2	38.1 29.3	38.2 29.4	38.0 29.5	38.2 29.2	38.2 29.2	38.0 28.8	38.1 29.0	38.2 29.1	38.1 29.0	38.3 29.2	38.0 29.0	38.0 r29.1	°38.2 °29.3
Finance, insurance, and real estate ‡dododo	36.4 32.5	36.3 32.5		36.2 32.5	36.4 32.5	36.0 32.5	36.2 32.6	36.3 32.6	36.0 32.5	36.2 32.6	36.4 32.7	35.8 32.4	36.2 32.7	r35.8 32.5	^r 35.9 32.5	P36.2
AGGREGATE EMPLOYEE-HOURS \$	32.3	52.0]	32.0	52.0	52.0	Ja.0	J u .0	Ja. 0	32.0	~ ~ ~~			-2.0		
Seasonally Adjusted																
Employee-hours, wage & salary workers in non- agric. establish, for 1 week in the month, seas adj. at annual ratebil. hours	185.21	190.09	190.02	190.69	191.40	188.46	192.76	192.99	193.22	193.56	195.05	194.92	196.33	r196.09	r197.14	^p 198.25
Total private sectordododo	151.97 1.71	156.47 1.59	156.07 1.59	156.75 1.59	157.50 1.63	157.10 1.62	158.63 1.66	158.97 1.63	158.75 1.62	159.25 1.57	160.50 1.57	160.15 1.59	161.56 1.64	161.16 71.63	7162.44 1.64	p163.47 p1.63
Constructiondo Manufacturingdo	9.37 40.15	9.82 40.59	9.76 40.39	9.81 40.58	9.85 40.68	9.28 40.81	10.09 41.10	10.03 41.23 11.20	10.13 41.20	9.76 41.28	10.01 41.29	10.24 41.29	10.31 41.50	710.26 41.49	710.56 741.66	p10.42 p41.83
Transportation and public utilitiesdo Wholesale tradedo	10.74 11.46	10.99 11.65	10.93 11.62	11.01 11.63	11.07 11.70	11.04 11.72	11.17 11.81	11.82	11.17 11.83	11.26 11.90	11.25 12.00	11.17 12.01	11.36 12.13	711.37 12.06 728.81	711.45 712.16 728.99	^p 11.50 ^p 12.25 ^p 29.40
Retail tradedo	27.23	28.10 12.37	28.08 12.42	28.26 12.39	28.40 12.48	28.46 12.45	28.44 12.43	28.48 12.49	28.24 12.40	28.60 12.50	28.84 12.58	28.72 12.38	28.88 12.54	r12.40	r12.48	P12.61
Services do Government do do	39.39 33.25	41.35	41.29 33.95	41.48 33.94	41.69 33.90	41.72 31.36	41.95 34.14	42.10 34.02	42.15 34.47	42.39 34.31	42.97 34.54	42.76 34.77	43.20 34.77	743.15 734.93	743.51 734.69	P43.84 P34.78
Indexes of employee-hours (aggregate weekly): Private nonagric. payrolls, total1977=100	117.3		120.5	121.1	121.6	121.1	122.5	122.8	122.5	123.0	123.9	123.6	125.1	124.4	r125.4	P126.3
Goods-producingdo	97.4 85.9	99.2	98.7 80.8	99.3 81.9	99.6 82.9	98.0 82.7	101.0 85.0	101.2 84.1	101.3 84.0	100.5 81.7	101.1 82.5	101.6 83.2	102.7 85.9	102.1 '84.4	'103.2 '85.2	P103.4 P85.2
Constructiondo Manufacturingdo	. 128.1 92.0	133.5 93.4	132.7 93.0	133.0 93.6	133.9 93.8	127.0 93.2	136.7 94.8	136.4 95.1	137.7 95.0	132.1 95.2	136.0 95.2	139.1 95.2	141.1 96.1	⁷ 139.3 95.7	7144.0 96.1	P142.1 P96.7
Durable goodsdo	. 90.2 94.7	90.9 97.1	90.4 96.7	90.7 97.8	91.3 97.5	90.3 97.3	92.5 98.3	92.9 98.5	92.5 98.7	92.7 99.0	92.7 99.0	92.7 98.8	94.0 99.1	93.9 98.4	794.2 98.9	₽94.9 ₽99.5
Service-producingdo	128.3			133.2	133.8 109.9	133.9 110.0	134.3	134.7	134.2	135.5	136.4	135.8 111.2	137.4 113.5	r136.8	r137.8 r113.6	P139.0
utilitiesdodo Wholesale tradedodo Retail tradedo	. 106.4 . 117.6 . 118.5	119.3	118.9	109.5 119.2 123.0	119.8	110.0 119.6 124.1	110.9 120.7 123.5	111.0 121.3 123.8	111.0 121.3 122.2	112.6 122.2 124.0	111.8 123.1 125.2	111.2 123.6 124.8	113.5 124.8 126.0	7113.5 7124.4 125.1	7125.1 7126.2	p126.2
Finance, insurance, and real estatedo	. 136.8	ì	ŀ	l	141.8	140.6	141.1	141.3	139.6	141.3	141.6	139.6	141.1	⁷ 140.1	⁷ 140.4	P142.1
Servicesdo						153.7	154.8			156.5	158.0	157.2	159.0	158.3		
See footnotes at end of tables.																

5-12			SUR	VEY	JF CU	RREN	II BU	2IIIE)						Augu	st 1988
Unless otherwise stated in footnotes below, data through 1986 and methodological notes are as shown in Business Statistics: 1986	Ann 1986	1987	June	July	Aug.	1987 Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	1988 Apr.	May	June	July
- Company Control of the Control of	L.	ABOR I	FORCE	, EMPI	OYME	NT, AN	D EAR	NINGS	Cont	inued	,					
HOURLY AND WEEKLY EARNINGS 8																
														1		
Average hourly earnings per worker: Not seasonally adjusted: Private nonagric. payrollsdollars.	8.76	8.98	8.91	8.90	8.94	9.05	9.08	9.13	9.13	9.18	9.17	9.18	9.23	79.26	9.23	°9.2
Miningdo	12.46	12.52	12.52	12.41	12.40	12.50	12.42	12.54	12.60	12.77	12.71	12.59	12.60	12.54	'12.55	P12.6
Constructiondododododododododododododo	9.73	12.69 9.91	12.66 9.87	12.60 9.87	12.68 9.86	12.79 9.99	12.82 9.95	12.83 10.01	12.81 10.07	12.99 10.07	12.82 10.05	12.87 10.07	12.88 10.12	⁷ 12.87 10.14	712.87 10.16	P10.1
Excluding overtimedodododododo	10.29	9.48 10.43 9.98	9.44 10.40	9.45 10.38	9.42 10.39	9.53 10.49	9.48 10.48 9.99	9.54 10.54	9.59 10.60	9.62 10.60	9.63 10.58	9.64 10.59 10.18	9.68 10.65	79.70 10.67	9.70 710.70	₽9.7 ₽10.7
Excluding overtimedodo Lumber and wood productsdo	9.87	9.98 8.40	9.95 8.43	9.95 8.45	9.93 8.48	10.02 8.46	9.99 8.42	10.04 8.47 7.71	10.09 8.43	10.13 8.51	10.13 8.53	10.13 8.45	10.17 8.50	10.19 78.54	10.19 78.59	°10.2 °8.6
Furniture and fixturesdodo Stone, clay, and glass productsdo	. 7.46	7.67 10.25	7.66 10.28	7.66 10.30	7.74 10.28	8.46 7.74 10.37	7.71 10.27	7.71 10.30	8.43 7.78 10.29	7.80 10.35	7.74 10.33	8.45 7.76 10.36	7.81 10.41	7.87 710.45	7.89 710.47	°7.9
Primary metal industriesdo Fabricated metal productsdo	11.86	11.94 10.00	11.91 9.98	11.93 9.93	11.93 9.94	12.19 10.00	12.00 10.06	12.04 10.10	12.11 10.19	12.06 10.12	12.03 10.13	12.07 10.14	12.11	r12.13	712.16 710.27	P12.1
Machinery, except electricaldo Electric and electronic	10.57	10.70	10.68	10.67	10.70	10.74	10.79	10.83	10.89	10.85	10.82	10.84	10.22 10.88	10.23 10.90	10.93	P10.9
equipdo	9.65	9.88	9.83	9.86	9.88	9.94	9.92	9.98	10.03	10.02	10.02	10.04	10.09	10.12	710.15	P10.2 P13.3
Transportation equipmentdo Instruments and related	1	12.95	12.87	12.82	12.88	13.04	13.07	13.18	13.25	13.22	13.17	13.20	13.28	r13.31	13.38	
productsdo Miscellaneous manufactur-	1	9.71	9.66	9.71	9.74	9.76	9.78	9.83	9.84	9.93	9.92	9.88	9.89	79.87	79.90	P10.0
ingdo		7.75	7.75	7.72	7.72	7.78	7.79	7.80	7.91	7.97	7.90	7.91	7.92	77.94	*7.93	₽8.0 ₽9.4
Nondurable goodsdo Excluding overtimedo	8.59	9.18 8.78	9.13 8.74	9.18 8.78	9.14 8.72	9.30 8.86	9.20 8.78	9.26 8.84	9.32 8.89	9.32 8.92	9.31 8.93	9.33 8.95	9.37 8.98	79.38 8.99	79.39 78.99	P9.0
Food and kindred productsdo Tobacco manufacturesdo	12.88	8.94 14.03	8.92 15.85	8.88 15.17	8.82 14.55	8.95 13.34	8.88 13.18	8.98 13.75	9.07 13.69	9.06 13.79	9.06 14.01	9.07 14.42	9.14 14.98	9.15 715.24	79.12 715.78	p9.1 p16.1
Textile mill productsdo Apparel and other textile	6.93	7.17	7.13	7.13	7.16	7.23	7.24	7.29	7.31	7.34	7.30	7.31	7.35	7.31	7.33	₽7.3
productsdodo	5.84 11.18	5.93 11.43	5.89 11.42	5.87 11.49	5.88 11.41	5.99 11.66	5.97 11.46	5.98 11.49	6.00 11.53	6.02 11.54	6.02 11.50	6.03 11.52	6.04 11.60	76.05 711.64	6.08 r11.63	P6.0
Printing and publishingdodo Chemicals and allied productsdo	. 9.99	10.28 12.37	10.19 12.28	10.24 12.37	10.32 12.33	10.48 12.56	10.41 12.50	10.39 12.55	10.43 12.61	10.38 12.55	10.40 12.55	10.45 12.53	10.40 12.57	10.43 12.59	710.44 712.60	P10.4 P12.7
Petroleum and coal productsdo Rubber and plastics prod-	14.19	14.59	14.44	14.51	14.54	14.74	14.66	14.77	14.73	14.89	14.96	14.98	15.00	714.93	715.04	P15.2
ucts, nec	8.73 5.92	8.91 6.08	8.89 6.09	8.96 5.99	8.93 6.04	9.01 6.13	8.93 6.12	8.98 6.15	9.04 6.16	9.00 6.16	9.00 6.19	9.00 6.23	9.04 6.29	79.04	79.06 6.27	₽9.1 ₽6.2
Transportation and public utilitiesdo	11.70	12.03 9.59	11.94 9.54	12.00	12.06	12.11	12.12	12.21 9.72	12.24 9.73	12.16	12.23 9.78	12.19	12.27 9.88	76.27 712.28 9.87	712.29 9.85	p12.3
Wholesale trade doRetail trade dodo	6.03	6.11	6.08	9.56 6.07	9.60 6.07	9.64 6.20	9.65 6.16	6.18	6.19	9.78 6.24	6.23	9.78 6.24	6.26	76.28	76.26	P6.2
Finance, insurance, and real estatedo	8.36	8.73	8.63	8.63	8.74	8.73	8.76	8.89 8.71	8.81	8.96	9.02	8.97	9.03	9.09	78.96	₽9.0
Servicesdo Seasonally adjusted:	8.18	8.48	8.37	8.34	8.40	8.54	8.61	8.71	8.73	8.81	8.81	8.80	8.82	8.84	8.78	*8.8
Private nonagricultural payrollsdollars	8.76	8.98	8.95	8.96	9.01	9.02	9.07	9.10	9.11	9.14	9.13	9.16	9.23	9.27	r9.28	*9.3
Miningdo Constructiondo	12.46 12.48	12.52 12.69	(1) 12.74	(1) 12.71	(1) 12.72	(1) 12.70	(1) 12.72	(1) 12.81	(1) 12.74	(1) 12.91	(1) 12.82	12.90	(1) 12.93	⁽¹⁾ r12.91	(1) *12.95	P13.0
Manufacturingdo Transportation and public utilitiesdo	9.73 11.70	9.91 12.03	9.89 12.00	9.88 12.03	9.94 12.09	10.00 12.07	9.99 12.12	10.00 12.13 9.71	10.01 12.16	10.02 12.14	10.03 12.19	10.05 12.21 9.76	10.11 12.29	10.15 12.35	10.18 12.35	P10.1
Wholesale tradedo	9.35 6.03	9.59 6.11	9.55 6.10	9.59 6.12	9.65 6.13	9.64 6.18	9.70 6.16	9.71 6.17	9.69 6.19	9.75 6.20	9.72 6.20	9.76 6.22	9.88 6.25	9.88 r6.28	9.86 76.29	*9.9 *6.3
Finance, insurance, and real estatedo	1	8.73	8.65	8.70	8.79	8.76	8.82	8.89		8.92	8.91	8.90	8.99	9.08	r8.98	₽9.0
Servicesdo	8.18	8.48	8.44	8.46	8.53	8.55	8.60	8.65	8.84 8.67	8.72	8.72	8.75	8.81	8.88	8.86	₽8.9
Indexes of avg. hourly earnings, seas. adj.: Private nonfarm economy:		150.5								1500	1505	155.0	170.0	*150.5	-150 C	₽1 7 9.
Current dollars1977 = 100 1977 dollars ‡do	95.0	173.5 94.0	172.9 93.8	173.2 93.7	174.1 93.7	174.6 93.7	174.9 93.6 182.1	175.6 93.8	175.7 93.7	176.6 93.8	176.7 93.7	177.0 93.5	178.0 93.6	7178.7 793.6	7178.6 93.2	₽93.
Mining ‡‡do	152.4	182.2 154.9	181.9 155.4	181.8 154.9	181.4 155.1	182.8 154.8	155.2	184.1 156.5	183.9 155.4	185.2 157.6	184.6 156.8	183.6 157.5	184.6 157.8	7184.2 7157.5	'184.5 '158.0	P185.
Manufacturingdo Transportation and public utilitiesdo	172.2 171.0	174.9 176.1	174.5 175.6	174.5 176.2	175.3 177.0	176.3 176.8	176.1 177.5	176.4 177.6	176.6 178.2	176.8 178.3	177.0 179.1	177.3 179.4	177.9 180.6	7178.4 7181.6	178.8 7181.3	P179.
Wholesale trade ‡‡do Retail tradedo	172.5	177.1	176.3 160.6	176.5 161.1	177.8 161.5	178.1 162.3	178.3 162.1	179.6 162.4	179.6 162.7	180.4 163.4	180.5 163.4	180.4 163.8	182.3 164.8	7182.2 165.4	181.6 7165.7	P183.
Finance, insurance, and real estate ‡‡do	j	187.5	185.4	185.5	188.1	187.7	188.4	191.2	189.9	192.9	194.2	193.4	194.8	⁷ 195.9	^r 193.7	₽194.
Servicesdodo	174.4		180.2	180.9	182.4	182.5		184.9	185.2		186.3		188.3	189.9		₽191.
Construction wages, 20 cities (ENR): §§ Common labor	16.37	16.86	16.84	16.89	16.99	17.05	17.05	17.05	17.05	17.06	17.07	17.11	17.11	17.20	17.36	17.4
Skilled labordo	21.46	22.12	22.01	22.12	22.30	22.41	22.42	22.43	22.43	22.43	22.45	22.54	22.54	22.58	22.54	22.6
Railroad wages (average, class I)do Avg. weekly earnings per worker,	13.89	14.25	14.14	14.11	14.27	14.26	14.23	14.39	14.87	14.75	15.04	⁷ 14.75	'15.00	715.11	15.11	
private nonfarm: Current dollars, seasonally adjusted	304.85	312.50	310.57	311.81	313.55	312.09	316.54	316.68	315.21	317.16	317.72	316.94	322.13	321.67	7322.02	P325.2
1977 dollars, seasonally adjusted ‡				168.64	168.76	167.61	169.36	169.08	168.02		168.46	167.43	169.36	168.41	168.07	
Current dollars, not seasonally adjusted: Private nonfarm, totaldollars	304.85		311.85	311.50	314.69	314.04	316.89	317.72	317.72	315.79	316.37	315.79	320.28	r320.40	323.05	p324.6
Miningdodododododo	525.81 466.75	530.85 479.68	529.60 482.35		529.48 489.45	528.75 466.84	532.82 497.42	534.20 475.99	543.06 481.66	537.62 466.34	531.28 462.80	527.52 481.34	539.28 488.15	7529.19 7491.63	7534.63 7498.07	P498.1
Manufacturingdododododododododododododododo	396.01 424.98	406.31 432.85	405.66 433.68	400.72	403.27	407.59 431.14	410.94 438.06	414.41	420.93 449.44	412.87 440.96	409.04	411.86	414.92 444.11	414.73 444.94	r418.59 r448.33	P414.3
Nondurable goodsdo Transportation and public	357.11		367.94	425.58 367.20	369.26	374.79	372.60	442.68 375.96	381.19		436.95 370.54	373.20	373.86		7377.48	₽378.4
utilitiesdododo	458.64 358.11	471.58 365.38	468.05 365.38	475.20 365.19	478.78 367.68	474.71 366.32	477.53 369.60	479.85 371.30	479.81 371.69	474.24 370.66	475.75 370.66	470.53 370.66	480.98 377.42	7481.38 375.06	7485.46 376.27	P488.7
Retail trade do	176.08	178.41	179.97	182.10	183.31	182.90	179.26	179.22	181.37	176.59	177.56		180.91	181.49	184.04	
estatedo Servicesdo	304.30 265.85			312.41 273.55	318.14 276.36	314.28 276.70	317.11 279.83	322.71 283.08	317.16 282.85	324.35 285.44	328.33 287.21	321.13 284.24	326.89 287.53	7325.42 286.42	7321.66 287.11	P325.8
EMPLOYMENT COST INDEX	200.00	210.00	213.10	210.00	2.0.00	210.10	210.00	200.00	404.00	200.44	201.21	204.24	201.00	200.42	201.11	2,70.4
Civilian workers †		ļ	135.9		<u> </u>	137.5			138.6			140.6			142.1	ļ
Workers, by occupational group White-collar workersdo	ı		1		1				142.2	i		144.2		· '	145.7	1
Blue-collar workers do Service workers do		. 	130.1			131.3			132.5			134.7			136.2	
Workers, by industry division	1					l :	1		134.1	l					138.1	
Manufacturingdodo			137.8		ļ	139.6			140.5	.		142.3	•••••		143.9	
Servicesdodododododododododododododo		!	145.8			149.2 146.4		·····	150.6 148.1			152.8 150.3			153.8 151.2	
HELP-WANTED ADVERTISING	1															
Seasonally adjusted index1967=100	138	153	152	152	161	158	162	162	155	153	156	158	r157	160	′156	18
See footnotes at end of tables.	•	•	•		•	•	•	,		•					,	•

WORK STOPPAGES Work stoppages involving 1,000 or more workers: Number of stoppages: Beginning in month or year	2,746 9,673 2,650 2,8 23 151 20	1987 BOR F 46 174 4,481	2,051 . 2.1	6 8 471	3 18 361	7 46 1,155	0et. 1 1 353	6 12 223	Dec. 0 0 159	Jan. nued 3 7 37	5 17 337	1 6 203	1988 Apr. 0 0 14 208	3 10 271	June 3 7 264	July
Work stoppages involving 1,000 or more workers: Number of stoppages: Beginning in month or year	2,746 9,673 2,650 2,8 23 151 20	46 174 4,481	8 16 278 2,108 1,309 2,051 2.1 2.4 1,862	6 8 471	3 18 361	7 46 1,155	1 353	6 12 223	0 0 159	3 7 37	17	1 6 203		10	3 7 264	
Work stoppages involving 1,000 or more workers: Number of stoppages: Beginning in month or year	2,746 9,673 2,650 2,8 2,337 5,403 23 151	174 4,481	278 2,108 1,309 2,051 2.1 2.4 1,862		18 361	1,155	353	223		37	17	1 6 203		10	3 7 264	
Days idle during month or year	2,746 9,673 2,650 2.8 2,337 5,403 23 151	4,481	278 2,108 1,309 2,051 2.1 2.4 1,862		361	1,155	353	223		37		203			264	
weekly #@	9,673 2,650 2.8 2,337 5,403 23 151 20		1,309. 2,051. 2.1 2.4 1,862.								1					
Percent of covered employment: @ @ Unadjusted	2.8 2,337 5,403 23 151 20		2.1 2.4 1,862		•••••••••••••••••••••••••••••••••••••••											
Federal employees, insured unemployment, average weeklythous	23 151 20	- 1														
Initial claimsdodo Insured unemployment, avg.			18. 12.													
weeklydo Beneficiaries, average weeklydo	139.8		19. 17. 11.2. 12.													
					FIN	IANCE										
BANKING Open market paper outstanding, end of period: Bankers acceptancesll. \$ 6	54,974	70,565	69,622	68,495	68,645	68,771	71,891	71,068	70,565	62,957	62,419	63,454	64,112	63,332	64,259	
Financial companies do 25 Dealer placed do 10 Directly placed do 15	26,144 35 53,131 32 52,753 31 50,378 31 73,013 3	287,274 115,034	351,253 272,186 109,010 163,176 79,067	347,421 268,049 105,285 162,764 79,372	347,917 270,455 107,898 162,557 77,462	360,173 280,848 113,988 166,860 79,325	361,124 279,957 108,064 171,893 81,167		2373,586 2287,274 2115,034 2172,240 286,312	379,192 296,593 122,838 173,755 82,599	389,156 302,541 127,032 175,509 86,615	388,492 302,755 129,698 173,057 85,737	409,497 316,061 135,673 180,388 93,436	416,276 325,769 139,339 186,430 90,507		
Federal land banks and Federal land bank associations	58,250 89,286 1,563	52,498 34,346 9,927	54,268. 35,990.			53,638 35,124 10.518			52,498 34,346 9.927			52,814 33,566 9,479				
Banks for cooperativesdo Federal Reserve banks, condition, end of period:	7,400 57,359	8,225 275,566	7,629 265,548	257,388	252,736	7,995 262,649	270,048	266,491	8,225 . 275,566	265,174	260,693	9,770 265,072	283,979	269,989	277,442	275,408
ing, total # do 22 Loans do 21 U.S. Government securities do 21 Gold certificate account do 1 Liabilities, total # do 26 Deposits, total do 5	1,565 11,316 11,084 67,359	236,046 3,815 222,551 11,078 275,566 48,368	223,568 972 212,306 11,069 265,548 50,652	217,861 634 208,170 11,069 257,388 45,409	215,937 566 207,238 11,068 252,736 41,833	221,753 1,941 211,941 11,075 262,649 49,022	229,428 587 217,614 11,085 270,048 52,798	230,022 790 218,960 11,082 266,491 46,177	236,046 3,815 222,551 11,078 275,566 48,368	226,563 333 218,411 11,068 265,174 46,284	225,526 336 216,891 11,063 260,693 42,954	227,504 2,311 217,496 11,063 265,072 42,150	244,006 2,590 203,971 11,063 283,979 58,481	233,886 3,304 223,192 11,063 269,989 42,354 38,758	239,867 2,464 227,636 11,063 277,442 46,176 35,681	236,075 3,650 224,450 11,063 275,408 44,464 39,994
Federal Reserve notes in circulation	59,560	41,784 212,890 ¹ 62,123	36,102 198,255 58,784	39,501 199,115 58,838	37,491 199,424 58,361	39,028 199,680 59,813	43,187 202,712 61,106	41,781 207,873 61,205	41,784 212,890 62,123	35,338 205,871 62,640	39,701 206,300 60,047	38,777 209,719 60,076	41,720 210,842 62,064	215,168	217,812 61,991	217,240 62,763
Required	58,191 1,369 1827 1845	¹ 61,094 ¹ 1,029 ¹ 777 ¹ 785	57,594 1,190 776 7687	58,078 761 672 7283	57,329 1,032 647 '517	59,020 793 940 7262	59,977 1,129 943 7635	60,282 923 625 692	61,094 1,029 777 7735	61,345 1,295 1,082 7585	58,914 1,133 396 7942	59,147 929 1,752 7655	61,205 859 2,993 7490	59,641 1,040 2,578 7569	61,103 7888 3,083 7359	61,754 1,009 3,440 107
Individuals, partnerships, and corporationsdo23	30,624	247,359 190,558	229,223 173,349	222,523 172,173	218,826 169,161	247,662 192,186	238,194 184,623	225,252 177,922	247,359 190,558	221,655 173,528	214,894 167,736	223,226 175,045	225,053 176,868	215,417 170,851	233,070 182,936	226,623 177,802
U.S. Government	7,810 1,871 34,659 54,881 37,869	6,744 3,258 27,448 67,094 565,046	6,249 3,144 23,845 63,139 555,152	5,925 2,873 23,564 64,023 555,783	6,081 2,569 23,810 65,096 555,098	6,921 3,183 26,664 65,110 556,013	6,089 2,156 24,802 64,815 563,832	6,391 2,273 23,542 65,539 565,981	6,744 3,258 27,448 67,094 565,046	6,741 3,079 28,250 68,742 583,641	6,743 3,250 21,878 69,248 587,949	5,882 3,069 21,954 70,977 590,904	6,317 4,010 21,590 72,244 589,401	5,629 2,121 21,035 70,507 594,842	5,979 3,008 22,360 70,702 599,611	6,156 2,899 22,710 71,614 603,936
Individuals, partnerships, and do 49	96,382 36,845 97,246	524,423 846,807 287,232	512,875 831,850 283,233	515,758 826,216 277,246	515,393 829,948 276,330	515,415 846,247 282,932	523,404 852,240 282,877	525,604 842,808 283,311	524,423 846,807 287,232	543,581 864,261 288,028	547,278 861,774 290,090	550,777 871,882 293,278	549,652 881,326 297,918	553,766 882,613 299,004	559,581 893,086 300,160	564,529 891,898 299,456
To nonbank depository and other financial	36,953	12,490 23,925 260,308 32,448 230,404	25,038 243,606 35,093 230,682	14,508 22,643 245,461 34,295 232,063	14,171 22,182 247,890 34,005 235,370	34,152	19,205 22,688 254,830 33,525 239,115	12,555 22,765 257,323 33,378 233,481	12,490 23,925 260,308 32,448 230,404	12,600 22,492 267,728 32,422 240,991	12,853 21,782 268,713 32,076 236,260	22,274 271,581 31,632 238,901	13,081 22,031 273,834 31,258 243,204	22,350 276,959 30,993 241,603	13,712 22,717 280,873 30,759 244,865	22,302 283,672 30,352
U.S. Treasury and Govt. agency securities, total	19,454	196,268 122,902 111,858 73,366	186,408 113,423 101,009 72,985	191,150 119,606 105,218 71,544		121,792 107,612	194,152 122,746 108,748 71,406	196,692 123,616 109,136 73,076	196,268 122,902 111,858 73,366	202,980 129,273 115,280 73,707	204,712 132,168 114,980 72,544	202,529 129,797 114,258 72,732	202,133 130,107 115,498 72,026	205,463 132,752 117,084 72,711	203,455 130,311 113,455 73,144	130,854 113,340

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Anno 1986	ual 1987	June	July	Aug.	1987 Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	1988 Apr.	May	June	July
			FII	NANCE	—Cont	inued					 L				
						inucu									
								İ							
2,089.9	2,230.6	2,176.7	2,181.3	2,199.0	2,214.7	2,227.6	2,232.1	2,230.6	2,242.4	2,259.8	2,274.8	2,297.7	2,322.5	2,343.9	
196.1	196.0	195.9	194.3	193.7	193.7	194.2	196.2	196.0	193.9	195.6	197.5	198.2	197.6	198.5	
1,004.0	1,101.4	1,059.0	1,004.1	1,610.0	1,005.0	1,101.1	1,704.0	1,701.4	1,114.0	1,129.2	1,130.4	1,150.4	1,110.9	1,100.0	
0.00	9 00	0.05	0.05	0.05	0.70	0.07	0.70		0.75	0 51	9 50	0 50	004	0.00	9
0.00	0.22	8.25	8.25	8.20	8.70	9.01	0.10	8.18	8.18	8.91	8.80	8.50	0.04	5.00	
6.33	5.66	5.50	5.50	5.50	5.95	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6
9.70	8.54	8.42	8.41	8.45	8.43	8.55	8.65	8.57	8.56	(3)					
ı					-								į		
² 9.74 ² 9.80	28.94 28.94	9.05 9.02	9.01 9.05	9.01 9.05	9.03 8.91	8.86 8.86	8.92 8.89	8.78 8.86	8.75 8.92	8.76 8.84	8.77 8.84	8.76 8.93	8.59 8.90	78.90 78.98	8
			1		1		1		ļ				-		_
6.39 6.39	6.75 6.85	6.83 7.00	6.59 6.72	6.64 6.81	7.31	7.85 7.96	7.07	7.48 7.49	6.77 6.92	6.49 6.58	6.51 6.64	6.79	7.12	7.53	7
6.31	6.37	6.50	6.35	6.34	6.90	7.17	6.69	6.64	6.53	6.27	6.23	6.51	6.75	7.01	7
5 960	5 890	5 690	5 780	6 000	6 320	6.400	5.810	5 800	5 900	5 690	5 690	5 920	6 270	6 500	6.
5.500	0.020	5.050	0.100	0,000	0.320	0.400	5.610	0.000	3.500	0.000	5.050	5.520	0.210	0.500	0.
				ļ	1		i						İ		
581,336	623,628	585,167	592,527	599,711	607,777	610,751	612,341	623,628	621,579	618,926	621,625	627,052	r632,329	638,572	
265,926	285,856	268,610	271,899	274,086	278,679	279,668	279,606	285,856	286,159	286,024	288,362	291,542	r293,708	298,789	
77,075	82,044	77,881	79,006	80.208	81,079	81,450	81,692	82,044	81,669	81,094	81,645	82,339	r83,269	84,239	
43,490 56,914	46,907 64,099	40,276 60,137	40,192 60,834	40,633 61,854	40,678 61,940	41,182 62,349	42,438 63,495	46,907 64,099	44,725 64,456	43,078 64,873	42,673 64,564	42,560 65,341	42,655 766,551	42,793 65,340	
	·							·		·					
		587,878	593,512	598,190	602,978	606,927	608,726	613,021	619,258	624,293	629,485	633,336	7636,318	641,752	ļ
		269,711 185,595	272,287 136 414	273,879 137,663	276,805 138 395	278,855 139 236	279,550 138,928	281,564 140,072	284,753 141 695	287,344 142,946	290,832 144,053	293,166 144 516	r295,547	300,108 144,748	
		78,271	79,128	79,816	80,351	80,672	80,922	81,064	81,662	81,897	82,595	83,204	783,881	84,679	ļ
		59,836	60,944	61,798	62,099	62,458	63,411	63,949	64,633	65,396	65,078	65,387	765,510	65,054	
		254,212	256,585	259,558	261,902	263,823	264,474	267,180	269,883	273,133	276,762	278,567	r279,418	281,834	ļ
		144,777	147,809	149,815	152,553	155,196 26,698	156,425	159,307 25,957	162,065	163,462 25,857	165,644 25,732		'169,154 '25,703	172,001 25,498	
		6,645	5,634	4,678	4,788	3,949	1,799	4,295	6,236	5,035	5,191	3,851	r2,982	5,434	1
		2,529	2,576	1,592	2,926	2,050	695	2,014	3,188	2,591	3,487	2,335	⁷ 2,380	4,561	
		1,083	852	693	535	321	250	142	598	235	698	609	r677	798	ļ
		172 1,622	248 1,108	237 854	251 301	380 359	279 958	491 538	144 684	154 763	-318	309	133 '123	287 -456	
		9 471	9 979	9 972	9 944	1 091	651	2 706	2 704	3 250	3 628	1 805	7851	2.416	
		2,901	3,032	2,006	2,738	2,643	1,229	2,882	2,758	1,396	2,182	1,713	71,798	2,847	
		1111	100	01	-04	-141	-34	-041	02	-00	_120	02	_01	200	
¹ 769,091 ¹ 990,231	¹ 854,143 ¹ 1,003,067				77,087	62,354 93,055	56,987 83,911		81,791 65,786			95,433	82,173	89,856	
-221,140	- 148,924	-484	-22,208			-30,701			16,005				i I		
1236,187	1150,989	9,719	-3,163	33,010	-8,113	27,242	24,756	10,136	5,361	20,158	17,160	-334	7,559	11,391	
2,129,964	12,355,206	2,314,460	2,312,089	2,349,272	2,355,206	2,389,573	2,415,486	2,437,637	2,454,096	2,477,438	2,493,195	2,508,342	2,526,492	2,555,086	ļ
1,746,044	1,897,034	1,875,297	1,872,137	1,905,147	1,897,034	1,924,277	1,949,034	1,959,170	1,964,452	1,984,612	2,001,771	2,001,437	2,008,997	2,020,388	
1769 001	1054 149	99.045	64 999	20 212	09.410	60 954	56 097	95 595	21 701	60 255	65 790	100 222	59 711	90 348	
1348,959	1392,557	40,521	31,889	26,884	39,797	32,429	25,039	36,537	43,987	25,651	20,637	53,334	17,958	46,234	
	1										1				
73,087	174,342	6,740			6,705	5,891	6,525	7,880	6,012	5,230		6,606	6,745		
1990,231	1,003,067	83,429 1,818	86,431 4 193	81,890 3,325	77,087 733	93,055 7,645	83,911 5.194	109,771 3,806	65,786 4,428	84,260 643		95,433 4,449	82,173 3,642	89,856 2,552	
265,636	274,007			23,707	21,470	25,274	20,660	28,356	19,227	23,066		26,103	20,271	24,572	
. ¹ 333,935	¹ 351,315	32,344 26,202	30,552 12,323	27,748 13,866	28,792 11,143	30,587 11,796	28,531 15,912	47,607 29,084	12,441 13,902	30,790 15,184	32,479 13,900	32,044 14,704	30,025 16,681	35,005 30,213	
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				1,133	2,178			3,771	1,210						
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. 11,064 . 367,867	11,078 446.504				11,075 460.198						11,063 443.607	11,063 451.833	11,063 450.840	451.332	437
. 11,064 . 367,867	446.504	449.591	450.809	460.883	11,075 460.198 7.590		466.468	486.305	476.580	441.903	443.607	451.833	450.840		
	2,089,9 309,3 196,1 1,584,5 8,33 6,33 9,70 29,74 29,80 6,39 6,39 6,31 5,960 581,336 265,926 134,660 77,075 43,490 56,914 221,140 226,187 21,140 226,187 21,140 226,187 21,140 226,187 21,140 226,187 21,140 226,187 21,140 226,187 21,140 226,187 21,140 226,187 21,140 226,187 21,140 226,187 21,140 226,187 21,140 226,187 21,140 226,187 21,140 226,187 21,140 226,187 21,140 226,187 236,348 2283,901 2383,918 2283,901 274,403	2,089,9 2,230,6 309,3 333,2 196,1 196,0 1,584,5 1,701,4 8.33 8.22 6.33 5.66 9.70 8.54 29,74 29,80 6.39 6.85 6.31 6.37 5.960 5.820 581,336 623,628 265,926 134,660 177,075 82,044 43,490 46,907 56,914 64,099 56,914 71,746,94 1,236,187 1,150,34 1,236,187 1,736,87 1,73	2,089.9 2,230.6 2,176.7 309.3 333.2 3196.1 1,584.5 1,701.4 1,659.6 8.33 8.22 8.25 6.33 5.66 5.50 9.70 8.54 8.42 29.74 28.94 9.05 9.80 28.94 9.02 6.39 6.75 6.83 6.39 6.85 7.00 6.31 6.37 6.50 5.960 5.820 5.690 581,336 623,628 585,167 265,926 285,856 134,660 141,118 77,075 82,044 77,881 43,490 46,907 40,276 56,914 64,099 60,137 587,878 269,711 185,595 78,271 40,896 59,836 254,121 40,896 59,836 26,421 40,896 59,836 26,421 40,896 59,836 40,896 59,836 1,083,067 83,429 1,220 1,220 1,220 1,220 1,220 1,220 1,220 1,230 1,746,044 1,897,084 1,897,084 1,875,297 1,746,044 1,897,084 1,897,084 1,875,297 1,746,044 1,897,084 1,897,084 1,875,297 1,746,044 1,897,084 1,897,084 1,875,297 1,748,991 184,143 1,89,26 3,81,318 1,748,959 399,557 1,746,044 1,897,084 1,897,084 1,875,297 1,746,044 1,897,084 1,897,084 1,818 1,748,959 399,557 1,746,044 1,897,084 1,897,084 1,875,297 1,748,897 1,49,346 1,749,897 1,49,442 1,49,442 1,49,442 1,49,442 1,49,442 1,49,442 1,49,444 1,49,444 1,49,444 1,49,444 1,49,444 1,49,444 1,49,444 1,49,444 1,49,444 1,49,444 1,49,444 1,49,444 1,49,444 1,49,444 1,49,444 1,49,444 1,49,44	Temperature	1986	Temperature			1986					Mart Mart	

August 1988			SUR	VEY ()F CU	RREN	AL RO	SINE	SS							S-15
Unless otherwise stated in footnotes below, data through 1986 and	Anı	ual				1987							1988			
methodological notes are as shown in Business Statistics: 1986	1986	1987	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
		•		FI	NANCE	E—Con	tinued									
***************************************	T -						inaca									
MONETARY STATISTICS Currency in circulation (end of period)bil. \$	212.0	230.2	915.9			216 8			230.2			227.1	i			
Money stock measures and components (averages	212.0	200.2	210.2			210.0	•••••••		200.2			221.1				••••••
of daily figures): † Measures (not seasonally adjusted): ‡	j .															
M1bil. \$dodo	666.8 2,687.2	744.0 2,861.8	744.4 2,850.1	746.8 2,862.6	745.0 2,868.2	745.2 2,876.0	753.7 2,895.3	756.0 2,900.1	765.9 2,914.8	764.7 2,937.3	745.0 2,933.4	752.1 r2,958.8	7778.3 2,999.3	763.8 72,989.4	7778.8 73,014.3	785.6 3,028.5
M3do L (M3 plus other liquid assets)do	3,384.6 4,022.3	3,586.7	3,576.2 4,229.1	73,585.7 4,226.6	3,602.8 4,250.6	73,618.4 4,278.6	3,642.0 4,312.5	3,664.0 r4,333.0	3,677.7 4,342.0	3,699.3 4,379.4	3,708.0 4,387.5	73,737.5	73,771.9 74,461.2	73,768.2 74,471.8	73,795.9 4,498.9	3,815.0
Components (not seasonally adjusted):									·	· ·						007.0
Currencydo Demand depositsdo	174.4 281.0	188.8 294.3	188.6 294.4	190.5 294.3	190.9 290.7	190.9 289.3	192.6 295.7	195.9 294.1	199.4 298.5	197.1 295.8	197.2 279.1	199.2 279.9	201.6 7292.0	203.6 7282.9	205.8 7291.0	207.9 292.7 276.8
Other checkable deposits ±dodo Overnight RP's and Eurodol-	205.1	254.0	254.3	254.3	255.6	257.5	258.5	259.3	261.6	265.2	261.8	266.1	277.8	270.1	7274.4	
lars 👌do General purpose and broker/dealer	71.8	79.4	74.9	75.6	79.8	83.5	86.0	79.7	78.1	82.8	778.0	74.8	76.6	780.9	r79.9	76.1
money market fundsdo Money market deposit accountsdo	196.3 544.0	213.8 551.8	210.6 555.1	210.6 549.4	213.1 545.0	216.3 540.5	218.2 533.9	219.7 527.7	221.1 525.2	225.0 524.1	231.0 522.6	234.9 524.7	236.1 523.3	232.7 7519.6	229.8 522.3	230.4 521.0
Savings deposits	328.8 879.3	407.7 865.3	417.3 847.8	420.5 859.6	418.5 866.8	417.3 873.2	417.8 885.6	413.2 903.8	410.0 914.6	411.2 929.5	412.2 944.5	418.6 953.7	424.6 960.5	7428.3 964.2	7433.3 7970.0	436.9 978.4
Large time deposits @do Measures (seasonally adjusted): ‡	446.9	459.6	457.0	456.5	461.7	465.9	473.1	481.3	485.4	485.0	491.1	493.8	491.3	r495.7	r499.6	504.7
M1			742.1 2,851.7	743.6	746.5 2.869.5	747.5	756.2	752.7	750.8	758.8	759.5 2,946.0	762.9 72.967.4	7770.1 2,991.7	7770.2 73,003.3	7776.5 78,016.4	782.4 3,024.0
M3do			73,580.2	2,858.2 73,587.7	3,605.5	2,880.9 3,620.5	2,894.7 3,642.0	2,896.6 3,656.7	2,901.1 3,661.1	2,925.0 3,686.8	3.719.5	3.744.4	3,767.0	73,780.7	73,800.6	3,817.6
L (M3 plus other liquid assets)do Components (seasonally adjusted):			r4,232.4	r4,235.2	4,257.8	4,283.5	4,312.2	r4,323.2	4,323.9	4,360.7	4,392.0	r4,418.5	r4,460.8	74,489.2	4,502.3	
Currency do Demand deposits do do do do do do do do do do do do do			187.8 293.3	189.0 292.3	190.2 292.1	191.4 290.5	193.1 295.9	195.0 291.3	196.5 288.0	198.4 289.9	199.3 287.8	200.9 287.9	202.5 290.2	203.6 7287.4	204.9 *289.9	206.3 290.6
Other checkable deposits ‡‡dodo			254.3 413.1	255.6 415.5	257.2 417.8	258.6 418.6	260.3 417.0	259.5 415.0	259.3 414.3	263.3 414.4	265.0 416.2	266.9 419.8	270.1 *422.7	7271.9 7425.1	r274.4 r429.0	278.3 431.7
Small time deposits @			852.1 458.6	859.1 460.2	865.9 462.4	872.1 465.3	883.3 472.3	901.7 480.5	913.1 484.7	924.6 482.9	941.5 489.7	953.5 491.5	964.8 492.9	972.0 r495.9	7974.9 7501.5	977.8 509.0
PROFITS AND DIVIDENDS (QTRLY.)			400.0	400.2	102.1	400.0	112.0	400.0	404.7	402.0	200.1	301.0	402.0	400.0	001.0	000.0
Manufacturing corps. (Bureau of the Census):)							1	2				
Net profit after taxes, all manu- facturingmil. \$			31,503			33,252			26,127			36,924				
Food and kindred productsdo Textile mill productsdo	13,292 1,706	1.891	3,849 376			547		.	4,982 527							
Paper and allied productsdo Chemicals and allied productsdo	3,280 12,900	15,520	1,321 4,005			1,586			1,495 2,666			1,744 6,378				
Petroleum and coal productsdo	8.823	10,900	4,435						-185			4,996				
Stone, clay, and glass productsdo Primary nonferrous metaldo	2,120 760	¹ 2,911 ¹ 1,077	841 69			526			435 203			94 802				
Primary iron and steeldo Fabricated metal productsdo	$ \begin{array}{c c} -3,372 \\ 3,232 \end{array} $	¹ 1,356 ¹ 4,427	402 1,238						250 1,262			369 1,481				
Machinery (except electrical)do Electrical and electronic equipmentdo	6,551 7,619	¹ 10,203 ¹ 9,570	3,103 2,457									3,017 2,734				
Transportation equipment (except motor	1 1						•									
vehicles and equipment)mil. \$ Motor vehicles and equipmentdo	3,261 8,363	¹ 4,677 ¹ 10,647	1,212 3,318			1,233 2,034			1,159 2,378			1,274 3,313				
All other manufacturing in- dustriesdo	14,586	120,234	4,877			5,941			5,372			5,786				
Dividends paid (cash), all manu- facturingdo	46,044	49,512	19 684			12 564			19.408			19 994				
SECURITIES ISSUED	40,044	45,512	12,004			10,504			12,450	•••••		12,204	••••••			***************************************
Securities and Exchange Commission:	1															
Estimated gross proceeds, total smil. \$ By type of security:		r268,682	19,847	17,437	16,860	24,777	11,987	10,245	20,439	20,174	23,196		17,727	12,692	J	
Bonds and notes, corporatedododo	'172,002 '57,739		12,894 5,999	12,318 4,277	12,044 4,295	17,592 5,140	7,040 3,840	7,232 2,552	13,974 5,245	15,769 2,714	15,303 6,782	716,532 3,420	714,571 72,667	8,412		
Preferred stockdo	11,553	11,475	954	642	521	946	161	163	122	1,242	261	625	241			
By type of issuer: Corporate, total #mil. \$	7241,294	r262,573	19,847	17,237	16,860	23,678	11,041	9,947	19,341	19,725	22,346	20,577	17,479	12,042		
Manufacturingdo Extractivedo	743,604 74,667	45,904 77,954	3,187 664	2,319 363	1,731 96	3,962 345	2,485 374	974 361	1,734 533	2,946 802	2,000 87	1,595 189	r3,793 r315	219		•••••
Public utilitydodo	725,128 74,824	719,893 6,549	1,961 546	1,284 1,267	1,035 271	1,522 11	374 152	576 150	2,831 404	492	1,429 760	1,814 7589	'1,515 '250	1,062 365		
Communication do Financial and real estate do do do do do do do do do do do do do	14,534 124,200	7,319	786 10,310	186 10,407	618 11,377	91 16,264	857 6,249	5,931	1,668 8,084	60 12,905	16,842	488	7243 710,096			•••••••
State and municipal issues (Bond Buyer): §																
Long-termdo Short-termdo	142,544 20,111	98,673 15,486	11,173 2,005	7,718 2,391	6,940 2,272	5,744 491	6,644 1,216	8,494 1,854	7,685 626	5,410 405	8,003 630	10,200 355	6,180 3,017	7,222 847	′13,283 ′2,761	6,767 620
SECURITY MARKETS																
Stock Market Customer Financing																
Margin credit at broker-dealers, end of year or monthmil. \$	36,840	31,990	38,420	40,250	41,640	44,170	38,250	34,180	31,990	31,320	31,990	32,660	33,270	33,070	32,300	31,770
Free credit balances at brokers, end of year or month:									,		,	,	,	,	,	
Margin-accountdodododo	4,880 19,000		3,680 15,405	4,095 15,930	4,240 16,195	4,270 15,895	8,415 18,455	6,700 15,360	4,750 15,640	4,675 15,270	4,555 14,695	4,615 14,355	4,395 13,965	4,380 14,150	4,580 14,460	4,485 14,340
Bonds								, ,								
Prices: Standard & Poor's Corporation, domestic																
municipal (15 bonds)dol. per \$100 bond.	65.1	62.7	61.2	61.6	61.1	58.0	55.0	59.8	60.5	61.8	63.7	61.8	61.0	60.4	61.4	61.4
Sales: New York Stock Exchange, exclusive of some	10 404 10	0.500.01	#00.00	man ac	#00 #0	070 50	000 1-	040.45	F00.01	604 = 1	600 *	600 4	610.50	640 46	605.50	E 40.05
stopped sales, face value, totalmil. \$	10,464.10	9,726.24	790.99	793.38	720.53	873.52	962.45	642.17	729.81	634.54	688.14	688.44	612.76	648.40	675.53	542.87
See footnotes at end of tables.																

						101011			- 1					<u>.</u> :		
Unless otherwise stated in footnotes below, data through 1986 and methodological notes are as shown in Business Statistics: 1986	Ann 1986	ual 1987	June	July	Aug.	1987 Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	1988 Apr.	May	June	July
				FI	NANCI	E—Cont	inued	•	•							
Bonds—Continued														·		
Yields: Domestic corporate (Moody's)percent	9.71	9.91	9.87	9.92	10.14	10.64	10.97	10.54	10.59	10.37	9.89	9.86	10.15	10.37	10.36	10.47
By rating: Aaado Aado	9.02 9.47	9.38 9.68	9.32 9.65	9.42 9.64	9.67 9.86	10.18 10.35	10.52 10.74	10.01 10.27	10.11 10.33	9.88 10.09	9.40 9.60	9.39 9.59	9.67 9.86	9.90 10.10	9.86 10.13	9.96 10.26
Adododo	9.95 10.39	9.99 10.58	9.98 10.52	10.00 10.61	10.20 10.80	10.72 11.81	10.98 11.62	10.63 11.23	10.62 11.29	10.43 11.07	9.94 10.62	9.89 10.57	10.17 10.90	10.41 11.04	10.42 11.00	10.55
By group: Industrialsdo	9.96	9.83	9.87	9.82	9.94	10.28	10.60	10.25 10.82	10.18	9.98	9.67	9.61	9.76	9.97	9.99	9.98
Public utilitiesdodododo	9.46 9.85	9.98 9.63	9.87 9.56	10.01 9.52	10.33 9.69	11.00 9.96	11.32 10.07	10.82 10.30	10.99 10.08	10.75 10.04	10.11 9.85	10.11 9.91	10.53 10.08	10.75 10.03	10.71 10.04	10.96 10.06
Domestic municipal: Bond Buyer (20 bonds)do Standard & Poor's Corp. (15	7.23	7.69	7.81	7.73	8.05	8.53	8.43	7.90	7.86	7.51	7.47	7.90	7.77	7.87	7.74	7.76
bonds)dododo	7.38 8.14	7.73 8.64	7.89 8.63	7.83 8.70	7.90 8.97	8.36 9.58	8.84 9.61	8.09 8.99	8.07 9.12	7.58 8.82	7.55 8.41	7.80 8.61	7.91 8.91	8.01 9.24	7.86 9.04	7.87 9.20
Stocks	0.14	0.04	0.00	0.10	0.01	2.00	5.01	0.55	3.12	0.02	0.41	0.01	. 0.02	J.22	0.01	0.20
Prices: Dow Jones averages (65 stocks) Industrial (30 stocks)	702.50	849.46	895.59	924.48	974.11	936.34 2,570.80	821.81	716.13	703.60 1,910.07	722.21 1,947.35	739.63 1,980.65	766.55	759.10 2,036.13	739.31 1,988.91	784.20 2,104.94	785.26 2,104.22
Public utility (15 stocks)	1,792.76 195.24 785.41	2,275.99 201.70 929.19	2,384.02 202.99 1,014.02	2,481.72 203.38 1,044.15	2,655.01 207.98 1,081.73	198.23 1,027.73	2,224.59 188.68 895.24	1,931.86 182.49 744.53	176.05 728.84	182.18 755.97	184.96 790.14	2,044.31 177.68 861.33	171.40 853.78	169.30 820.24	180.02 873.11	178.71 881.17
Standard & Poor's Corporation: § Combined index (500 Stocks)1941-43=10	236.34	286.83	301.38	310.09	329.36	318.66	280.16	245.01	240.96	250.48	258.13	265.74	262.61	256.12	270.68	269.05
Industrial, total (400 Stocks) #do Capital goodsdo Consumer goodsdo	262.16 227.14 260.72	330.90 288.23 323.77	349.58 304.87 343.21	362.36 315.79 353.73	384.94 336.67 378.96	372.49 327.04 365.08	323.13 280.84 309.49	280.11 240.41 273.59	277.68 245.87 272.17	288.36 246.47 279.64	296.46 249.68 292.04	308.04 258.47 305.52	305.78 255.19 301.69	297.39 246.32 286.71	312.78 265.21 305.51	310.87 262.93 302.22
Utilities (40 Stocks)do Transportation (20 Stocks) 1982=100	107.65 200.19	112.70 228.91	112.63 247.20	110.93 256.09	117.70 268.34	114.98 257.77	111.73 226.47	106.49 188.23	102.36 185.50	106.13 192.20	110.67 199.03	107.24 212.88	104.12 209.54	103.11 197.57	109.86 211.33	108.49 210.87
Railroads	141.73 28.36	166.90 28.15	174.05 29.55	186.70 29.44	195.96 31.45	191.61	165.87 26.67	143.44	146.46 21.12	150.08 22.41	153.52 23.27	162.44 23.30	160.17 22.38	148.23 22.28	160.44 24.46	157.72 24.55
Money center banks1941-43=10 Major regional banksdo	115.71 114.41	112.03 109.54	125.53 117.56	122.72 116.27	128.94 123.11	118.70 116.76	102.06 99.93	84.15 87.00	76.47 83.17	78.23 89.63	83.39 94.09	84.76 95.74	82.50 96.44	84.24 99.23	97.54 107.94	97.37 108.85
Property-Casualty Insurancedo N.Y. Stock Exchange common stock indexes:	312.67	311.50	310.87	310.69	328.90	323.85	309.35	290.15	270.19	278.01	283.37	276.33	258.31	256.05	274.56	
Composite 12/31/65=50 Industrial do Transportation do	136.00 155.84 119.87	161.70 195.31 140.39	169.58 206.61 150.39	174.28 214.12 157.48	184.18 226.49 164.02	178.39 219.52 158.58	157.13 189.86 140.95	137.21 163.42 117.57	134.88 162.19 115.85	140.55 168.47 121.20	145.13 173.44 126.09	149.88 181.57 135.15	148.46 180.88 133.43	7144.94 176.02 127.63	152.72 184.92 136.02	
Utility do Finance do	71.36 147.20	74.30 146.48	74.25 152.73	74.18 152.25	78.20 160.94	76.13 154.08	73.27 137.35	69.86 118.30	67.39 111.47	70.01 119.40	72.89 124.36	71.16 125.27	r69.40 121.67	r68.65 120.35	72.25 129.04	71.50
NASDAQ over-the-counter price indexes: Composite	366.96 367.27	402.74 422.72	423.70	429.01 456.03	448.39	442.80	385.05	318.75	314.54	339.28	353.58 354.62	375.54 386.34	377.24 387.54	371.88 382.72	386.44 400.91	391.40 405.62
Industrial	430.57 410.17	425.25 464.95	450.95 507.73 477.16	436.74 473.60	477.19 461.37 496.62	473.10 450.84 494.26	401.95 413.18 439.88	319.74 363.26 384.31	318.90 345.95 378.87	344.41 375.55 410.93	400.05 435.03	404.17 446.07	400.42 447.76	392.32 441.27	398.09 450.95	398.52 456.96
NASDAQ/NMS composite7/10/84=100 Industrialdo	156.10 138.03	172.49 161.06	181.14 171.96	183.47 174.08	192.17 182.74	189.82 181.31	165.09 154.08	136.92 122.80	135.51 123.08	146.36 132.97	152.69 135.97	162.34 149.52	163.05 149.52	160.65 148.02	167.16 155.29	169.21 156.97
Yields (Standard & Poor's Corp.): Composite (500 stocks)	3.48 3.09	3.08 2.62	2.92 2.46	2.83 2.36	2.69 2.26	2.78 2.33	3.25 2.78	3.66 3.15	3.71 3.18	3.66 3.14	3.56 3.07	3.48 2.96	3.57 3.02	3.80 3.26	3.58 3.08	
Utilities (40 stocks)dodo	6.54 2.43	6.52 2.20	6.64 2.03	6.69 1.90	6.30 1.90	6.421 1.97	6.60 2.37	6.95 2.62	7.19 2.63	7.04 2.57	6.73 2.44	6.99 2.34	7.30 2.46	7.44 2.64	6.96 2.43	
Financial (40 stocks)do Preferred stocks, 10 high-gradedo	3.22 8.76	3.60 8.37	3.39 8.31	3.40 8.25	3.19 8.32	3.39 8.64	3.93 8.99	4.50 9.11	4.83 9.08	4.66 9.04	4.49 9.02	4.51 9.07	4.78 9.19	4.70 9.25	4.24 9.32	1
Sales: Total on all registered exchanges (SEC): Market valuemil. \$	1,705,124	2,284,166	151.050	100.000	010 510	107 019	967 506	150.040	140.010	100 000	140,000	150.050	141 000	115,481		117
Shares sold	48,338	63,771	171,072 4,622	189,896 5,333	210,518 5,543	197,013 4,894	267,786 7,489	152,649 5,306	142,612 5,263	128,230 4,323	140,033 4,641	158,878 5,471	141,203 4,429	3,927		
Market valuemil. \$ Shares sold (cleared or set- tled)millions	1,448,235 39,150	1,983,311 53,038	147,990 3,834	162,926 4,386	180,977 4,584	171,341 4,067	238,749 6,408	136,468 4,573	124,179 4,374	112,389 3,643	123,996 3,981	144,622 4,791	123,459 3,714	100,894 3.297		
New York Stock Exchange: Exclusive of odd-lot stock sales				ĺ	,	,	,		,	,						
(sales effected)millions NASDAQ over-the-counter: Market valuemil. \$	35,680 378,216	47,801 498,301	3,594 42,752	3,968 39,750	4,063 44,959	3,724 40,424	6,095 52,213	3,590 25,550	3,927 26,946	3,495 27,577	3,694 27,609	4,052 38,729	3,261 28,887	3,232 25,292	4,307 33,296	3,338 29,054
Shares soldmillions Shares listed, NYSE, end of period:	28,737	37,890	3,285		3,149	3,115	4,090	2,520	2,973	2,465	2,502	3,158	2,381	2,468	8,115	2,614
Market value, all listed sharesbil. \$ Number of shares listedmillions	2,199.26 59,620	2,216.31 71,802	2,718.55 66,810		2,945.88 68,660	2,885.08 70,444	2,258.54 71,165		2,216.31 71,802	2,321.33 72,952	2,411.62 73,025	2,346.23 73,517	2,369.71 73,911	2,359.14 74,360	2,456.51 74,688	
	,		FORE	IGN TR	ADE O	FTHE	UNITE	D STA	res		, — <u> </u>					
VALUE OF EXPORTS													. :			
Exports (mdse.), incl. reexports, total @mil. \$mil. \$dododo	227,158.5	254,121.9	21,636.7 21,107.5		20,079.1 20,884.1			23,278.7 23,094.9	24,314.4 24,152.5	22,990.1 24,488.2				728,142.6 727,478.4		
By geographic regions: Africado	5,978.2		584.7	606.9	471.9	450.2	467.1	585.4	505.5	492.0	509.2	577.9	690.8	573.8	741.2	<u></u>
Asiado Australia and Oceaniado	64,531.8 6,658.5	73,267.5 6,525.9	5,702.8 554.7	6,333.5 557.2	6,531.9 622.5	6,171.9 525.7	6,234.4 539.1	7,125.4 591.9	7,981.6 540.4	6,889.1 498.6	7,111.6 515.8	8,871.3 602.9	8,247.7 569.0	7,909.9 627.0	8,755.2 691.0	
Europedo Northern North Americado Southern North Americado	63,631.2 55,513.7 19,126.3	71,917.2 59,817.6 21,941.5	5,783.0 5,606.1 1,845.1	4,715.2	5,524.4 4,166.0	5,902.8 4,844.9	6,133.6 5,273.3	6,671.5 5,512.3 2,089.7	6,960.9 5,541.1	6,650.7	7,259.7	9,039.7	7,961.9	8,049.4		
South Americadododo	11,949.8	13,036.1	1,845.1		1,789.7 1,110.6	1,931.5 1,149.8	1,875.8 1,214.7	1,213.0	1,937.9 1,327.7	•••••••	•••••••			•••••		
Africa: Egyptdo	1,981.8	2,210.3	217.1	266.7	126.1	83.6		163.0	117.6	174.8	127.7	119.2	165.9	168.7	330.5	
Republic of South Africado Asia; Australia and Oceania:	1,158.3		103.1	89.3	121.8	111.4	109.7	130.0	131.9	115.6	108.1	161.8	108.9	148.9	142.3	
Australia, including New Guineado Japando	5,602.5 26,881.6	5,545.7 28,248.6	473.2 2,293.0		520.6 2,657.9	437.9 2,424.3		509.5 2,637.7	462.5 3,001.3	2,668.0	2,937.0	3,232.3	3,015.9	2,932.1	3.416.9	
See footnotes at end of tables.	I,		1 -,	3,551.6		_,,,,,,,,,,	-,002.4	3,001.1	,,,,,,,,	1 2,000.0	2,001.0	7,202.0	,010.9	_,002.1	7,210.0	I

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Unless otherwise stated in footnotes below, data through 1986 and methodological notes are as shown in BUSINESS STATISTICS: 1986	1986	1987	June	July	Aug.	1987 Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	1988 Apr.	May	June	July
		FORE	IGN TE	RADE (OF THE	UNITI	ED STA	TES-0	Continu	ted						
VALUE OF EXPORTS—Continued Exports (mdse.), incl. reexports—Continued																
Europe:															ľ	Ì
Francemil. \$ German Democratic Republicdo	7,215.9 67.9	7,943.2 53.9	682.5 4.5	583.9 2.1	610.6 1.4	649.2 5.7	728.1 1.2	735.8 7.6	824.5 3.2	811.1	815.8	990.9	830.7	782.3	823.2	
Federal Republic of Germanydo	10,560.5	11,747.7	894.8	839.3	886.9	977.2	1,064.7	1,091.2	1,128.5	1,086.1	1,141.8	1,407.0	1,247.8	1,229.9	1,262.6	
Italydo Union of Soviet Socialist Re-	4,838.3	5,529.7	517.4	369.7	387.4	423.6	441.4	491.8	541.4	504.1	483.6	643.0	626.9	573.4	591.7	
publicsdododo	1,247.5	1,479.8	135.5 1,153.0	200.8 1,044.2	144.0 1,123.4	64.2	54.3	104.8	260.8	263.8 1,279.9	328.0	308.9	341.8 1,486.1	313.1 1,605.8	151.0 1,618.3	
North and South America:	11,418.2	14,113.9	1,155.0	1,044.2	1,120.4	1,171.6	1,213.5	1,266.1	1,270.5	1,219.9	1,465.7	1,768.4	1,400.1	1,000.8	1,010.0	
Сападаdo	55,511.6	59,814.3	5,605.7	4,715.0	4,165.8	4,844.7	5,273.1	5,511.8	5,540.8	4,912.6	5,175.8	6,178.1	5,796.1	6,255.4	6,124.1	
Latin American Republics, total #do	27,968.0	31,574.4	2,639.6	3,001.6	2,639.0	2,839.1	2,785.3	2,994.9	2,913.8	2,623.9	2,728.5	3,349.8	2,966.7	3,507.1	3,243.8	ļ
Brazildo Mexicodo	3,885.3 12,391.6	4,039.9 14,582.2	288.3 1,243.6	618.5 1,225.5	306.2	398.3	387.7 1,258.2	400.3 1,414.6	371.4	340.6 1,215.5	304.8 1,359.7	340.7 1,678.3	368.0	510.7 1,789.1	314.6 1,737.6	1
Venezueladodo	3,141.0	3,586.0	295.1	344.5	333.2		317.3	342.9		312.8	295.4	389.1	334.3	350.6	353.0	
Exports of U.S. merchandise, total @do Agricultural products, totaldo	216,230.5 26,061.0	245,115.0 28,636.2	20,806.5 2,070.7	20,683.1 2,385.7	19,360.7 2,134.8	20,413.8 2,334.0	21,979.7 2,676.1	22,434.2 2,825.3	23,448.6 2,958.6	22,106.9 2,876.7	23,304.9 3,156.2	28,138.0 3,326.9	25,311.3 3,054.0	26,979.5 2,970.6	26,302.0 2,675.8	
Nonagricultural products, totaldo	190,494.2	215,222.7	18,225.2		17,369.0	17,881.7	18,277.9	20,129.0	20,977.0	18,569.8	19,569.4	24,676.7	22,443.3	23,134.7	23,626.2	
By commodity groups and principal commodities:	!												,			l
Food and live animals #mil. \$	17,302.6	19,178.8	1,502.1	1,785.6	1,706.3	1,681.4	1,766.1	1,684.8	1,783.3	1,735.5	1,874.1	2,142.0	2,026.3	2,201.5	1,954.6	
Beverages and tobaccodo Crude materials, inedible, exc.	2,920.2	3,666.7	268.7	276.5	283.7	284.1	320.2	377.2	421.9	375.7	348.9	383.4	382.1	389.8		
fuels #do Mineral fuels, lubricants, etc. #do	17,323.8 8,114.5	20,416.3 7,713.1	1,593.3 653.9	1,613.6 604.9	1,688.3 674.7	1,670.6 658.6	1,832.1 630.1	2,051.7 660.1	2,153.4 816.8	1,929.6 560.0	2,209.6 548.0	2,306.8 645.2	2,135.8 678.4	2,021.9 728.6	2,128.0 753.3	
Oils and fats, animal and vege- tabledo	1,014.9	981.4	75.4	89.3	99.4	106.4	86.2	97.4	107.9	67.9	151.6	153.7	117.5	106.5		
Chemicalsdo	22,765.8	26,380.9	2,281.2	2,178.1	2,357.7	2,217.7	2,075.5	2,275.2	2,405.7	2,287.0	2,444.6	2,933.1	2,646.2	2,645.7		
Manufactured goods #do Machinery and transport equipment,	14,005.0	17,136.1	1,506.9	1,370.0	1,450.7	1,457.4	1,430.0	1,545.4	1,576.9	1,498.9	1,685.1	1,948.9	1,781.2	1,949.1		
totalmil. \$ Machinery, total #do	95,289.5	108,596.0	9,078.6	8,745.0	8,253.5	9,478.5	9,210.1	10,622.3	10,388.3	9,441.4	10,107.9	12,743.1	11,182.4	11,814.7	11,327.0	
Transport equipment, totaldo	60,396.8 34,892.7	69,637.0 38,959.0	5,853.2 3,225.5	5,516.8 3,228.2	5,648.9 2,604.6	6,067.7 3,410.8	6,134.5 3,075.6	6,775.2 3,847.0	3,688.2	6,431.7 3,009.7	6,515.9 3,592.0	7,993.4 4,749.7	7,079.3 4,103.1	7,330.9 4,483.8	7,353.1 3,973.9	
Motor vehicles and partsdo	18,575.0	20,878.8	2,045.3	1,344.0	1,367.8	1,777.9	1,812.9	2,178.5	1,782.7	1,729.9	2,110.6					•••••
VALUE OF IMPORTS																
General imports, total @do Seasonally adjusted †do	365,437.7	406,241.0	35,358.0 34,418.1	35,809.9 34,625.4	33,826.2 34,492.3	33,667.5 34,582.4	38,075.6 35,966.5	35,210.9 35,316.1	35,758.7 36,586.4	32,995.1 34,257.6	35,569.0 37,729.0	37,030.0 36,643.7	35,026.9 34,825.0	736,146.9 735,731.7	38,446.3 37,807.6	
By geographic regions:																
Africadododo	10,348.1 153,869.1	11,939.4 174,452.3	1,090.6 15,197.0	1,349.4 16,054.3	1,304.8 15,785.4	1,009.4 14,874.8	1,019.8 16,509.9	1,156.0 14,602.8	14,933.7	955.9 14,314.4	915.8 15,374.9	894.5 14,802.2	854.8 14,489.5	1,028.0 14,740.2	16.145.3	
Australia and Oceaniadodo	3,717.0 91,826.0	4,135.9 97,418.7	390.0 8,338.2	375.7 8,785.4	406.7 7,627.3	386.1 7,308.1	322.1 8,800.5	293.8 8,681.1	301.1 9,123.2	467.1 7,458.3	430.9 8,200.1	428.7 9,329.4	387.4 8,163.3	415.6 8,676.7	466.9 9,069.3	
Northern North Americado	68,259.0	71,093.5	6,101.5	5,322.4	5,069.7	6,094.7	6,573.3	6,723.9	6,127.8							
Southern North Americado South Americado	23,465.0 18,477.2	26,497.9 20,362.8	2,416.0 1,733.0	2,208.2 1,748.8	2,167.8 1,958.1	2,246.1 1,653.2	2,426.6 2,061.8	2,266.8 1,749.8	2,205.2 1,663.7							
By leading countries:	,			-,,-	_,	.,,,,,,,,,	3,000.00	2,,	.,							
Africa: Egyptdo	111.5	464.9	63.5	84.6	64.0	47.1	32.4	42.0	55.5	9.8	29.2	25.5	17.4	12.8	12.6	
Republic of South Africado	2,364.5	1,345.5	103.3	121.3	134.9	87.8	113.1	127.5		107.8	125.1	128.7	110.3	128.9	126.0	
Asia; Australia and Oceania: Australia, including New																
Guineamil. \$ Japando	2,676.6 81,911.1	3,029.5 84,575.0	262.0 7,332.6	267.5 7,340.5	300.0 7,242.4	294.5 6,780.9	246.7 7,932.0	234.4 7,179.0	221.5 7,472.2	6,353.9	7,186.4	7,480.8	7,183.0	6,785.6	7,537.6	
Europe:	01,511.1	04,010.0	1,002.0		1,242.4	0,100.0	1,002.0	1,113.0	1,414.2	0,000.0	1,100.4					
Francedo German Democratic Republicdo	10,128.6 86.5	10,730.2 85.4	942.6 6.2	1,067.4 7.3	871.9 8.2	792.9 7.8	1,036.3 9.3	969.0 6.6	1,008.0 6.2	861.5	954.9	1,088.3	895.8	1,149.1	1,281.8	
Federal Republic of Germanydo	25,123.7 10,607.4	27,069.3 11,039.6	2,331.7 950.0	2,244.9 1,111.1	2,109.7 1,000.4	1,889.8 723.6	2,306.7	2,482.1	2,546.2	2,090.1 860.2	2,162.8 970.7	2,513.2 1,060.3	2,154.6 893.5	2,158.8 893.7	2,212.5 1,033.1	
Italydo Union of Soviet Socialist Re-							1,019.5	964.5	960.9						· 1	
publicsdo United Kingdomdo	558.2 15,396.0	424.7 17,341.3	43.0 1,386.7	40.3 1,564.5	36.4 1,352.6	36.2 1,441.0	34.6 1,551.1	51.7 1,479.9	45.7 1,657.5	49.4 1,154.4	45.5 1,463.5	70.6 1,649.8		39.2 1,549.7	1,551.5	
North and South America:	CO 050 C	#1 00F 0	0.100.0	F 001 0	F 000 0	0.004.7	c 1700 0	0.700.1	6 100 0	5 000 0	6 500 1	7.070.7	6 000.77	79410	7 470 1	
Canadado Latin American Republics.	68,252.6	71,085.0	6,100.8	5,321.9	5,069.0	6,094.7	6,573.0	6,723.1	6,126.8	5,992.8	6,598.1	7,272.7	6,830.7	7,241.8	7,470.1	
total #dodo	39,541.2 6,812.9	44,370.9 7,865.4	3,925.4 689.6	3,737.4 658.0	3,882.9 777.0	3,678.0 682.8	4,275.1 821.4	3,830.7 722.0	3,675.0	3,825.0 791.6	4,075.9 741.1	4,173.4 728.6	3,923.3 763.0	4,155.1 746.9	4,160.8	
Mexicodo	17,301.7	20,270.8	1,838.3	1,653.3	1,630.9	1,724.4	1,871.4	1,783.3	715.5 1,707.4	1,746.3	1,982.0	2,004.9	1,799.2	1,978.8	2,116.6	
Venezuelado By commodity groups and principal	5,096.7	5,579.0	490.8	524.4	575.2	428.8	532.0	426.4	408.1	444.9	416.1	403.6	435.1	549.1	429.5	
commodities: Agricultural products, totalmil. \$	21,284.4	20,686.9	1,798.0	1 606 7	1 500 5	1 500 4	1 010 0	1710.0	1 701 1	1 000 1	1 005 0	1 046 0	17150	1,662.5	1 500 5	
Nonagricultural products, totaldo	21,284.4 348,676.9	20,686.9 385,213.7	1,798.0 33,468.4	1,686.7 34,157.4	1,573.5 32,746.3	1,577.1 31,995.5	1,810.6 35,903.5	1,710.6 33,763.7	1,701.1 33,742.4	1,888.1 31,329.6	1,935.0 33,882.7	1,946.2 35,165.6	1,715.0 33,086.8	34,790.9	1,599.5 36,846.8	,
Food and live animals #do Beverages and tobaccodo	20,802.5 3,866.1	20,547.1 4,104.9	1,868.4 328.6	1,724.9 338.5	1,629.3 309.0	1,628.7 315.0	1,816.9 425.1	1,646.5 421.6	1,665.8 318.6	1,840.1 286.8	1,838.4 318.8	1,868.6 305.7	1,628.5 318.0	1,633.4 323.9	1,530.8 340.7	
Crude materials, inedible, exc.					į l											
fuels #do Mineral fuels, lubricants, etc do	10,431.5 37,309.9	11,525.7 44,219.5	972.5 3,894.6	969.1 4,593.3	962.9 4,581.7	1,029.4 3,829.7	1,002.1 4,240.2	1,015.1 3,940.2	1,030.3 3,611.5	976.7 3,575.6	1,050.5 3,795.1	1,199.2 3,190.3	, ,	1,150.3 3,864.6	1,165.6 3,490.5	l .
Petroleum and productsdo	34,140.4	41,529.4	3,773.7	4,348.0	4,391.1	3,617.5	4,006.5	3,693.3	3,265.5		0,100.1	0,200.0	0,200.0	0,004.0		
Oils and fats, animal and vege- tabledo	515.9	568.1	32.8	56.2	46.8		61.5	72.1	55.2	55.0	61.9	55.8	52.6	51.5	60.0	
Chemicalsdo	15,000.7	16,213.4	1,318.8				1,384.0 4,829.0	1,424.9 4,632.1	1,568.8 4,582.4	1,526.2 4,685.0	1,646.3 4,901.4	1,866.2 5,325.7		1,647.4 5,257.5	1,716.6	
Manufactured goods #		E9 0F# 0	4 5000							anxo ()						
Manufactured goods #do Machinery and transport	48,825.9	1	4,578.7	4,722.6	4,538.5		,	i '	·							
Machinery and transport equipmentdo Machinery, total #do	48,825.9 161,561.6	177,808.7	4,578.7 15,533.1 8,366.5	14,796.6 8,456.0	14,041.0 8,332.8	14,216.3	16,490.3	15,898.6 8,773.6	16,294.0 9.109.1	14,131.8 8.013.5	15,693.8	16,859.6 9.862.4	16,027.8 8,988.9	16,107.3 9,169.2	17,391.0 10,188.1	
Machinery and transport	48,825.9	177,808.7 99,432.9 78,375.8	15,533.1	14,796.6	14,041.0 8,332.8 5,708.1	14,216.3 8,555.2 5,661.2	,	i '	16,294.0 9,109.1 7,184.9	14,131.8 8.013.5	15,693.8 9,116.8	16,859.6	16,027.8 8,988.9	16,107.3 9,169.2	17,391.0	

Unless otherwise stated in footnotes	Ann	ual		_	-	1987							1988			
below, data through 1986 and methodological notes are as shown in Business Statistics: 1986	1986	1987	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Мау	June	July
		FORE	IGN TE	RADE ()F THE	UNITE	ED STA	TES(Continu	ed						
Indexes																
Exports (U.S. mdse., excl. military grant-aid): Unit value @	155.4 112.6 175.0	158.6 127.0 201.4	157.9 126.9 200.4	160.0 123.1 197.0	159.9 122.8 196.4	163.9 125.5 205.7	161.4 127.1 205.1	160.6 142.6 229.0	159.0 147.1 234.0	163.4 130.7 213.6	161.3 142.4 229.6	162.6 173.0 281.2	165.4 154.0 254.7	152.6		······································
General imports: Unit value @	154.0 164.9 253.9	164.6 169.2 278.5	165.2 175.7 290.3	168.0 175.7 295.2	169.7 166.6 282.6	170.8 161.9 276.5	169.3 183.4 310.6	169.7 172.1 292.1	168.8 172.9 291.9	168.7 162.1 273.5	170.4 173.1 294.9	171.5 178.2 305.6	172.2 166.4 286.6	170.3		
Shipping Weight and Value Waterborne trade: Exports (incl. reexports): Shipping weightthous. sh. tons Valuemil. \$	328,419 87,946	357,287 99,011	30,164 7,886	31,627 8,330	30,154 8,593	30,348 8,040	30,516 8,366	29,986 9,230	35,306 9,887	28,246. 8 801						
General imports: Shipping weightthous. sh. tons Valuemil. \$	450,214 217,781	471,693 245,030	40,966 21,436	43,018 22,025	43,742 21,418	38,572 19,229	40,491 21,902	41,466 20,495	38,714 20,617	39,280						
Valde	211,101		TRANS		<u> </u>					10,011		<u></u>				<u></u>
TD ANCEDODT ATTION			IIIII		IIION	AND	OMMO	MICAI	ON			_				
TRANSPORTATION Air Carriers																
Certificated route carriers: Passenger-miles (revenue) bil. Passenger-load factor percent. Ton-miles (revenue), total mil	366.55 60.3 45,681	404.31 62.4 50,451	36.25 65.4 4,441	39.91 68.4 4,839	41.51 71.0 4,992		32.63 59.6 4,210	29.87 57.7 3,906	31.60 58.1 4,111	30.45 55.8 3,861	29.71 57.5 3,803	36.19 64.4 4,585	62.5 4,305			
Operating revenues (quarterly) # \$, mil. \$. Passenger revenues	50,086 39,608 5,624 833 48,855	156,699 144,883 6,395 924 154,262	14,064 11,271 1,553 214 13,028			15,338 12,314 1,637 221 14,152			14,418 11,262 1,738 273 14,321							
Net income after taxes (quarterly) §do Domestic operations: Passenger-miles (revenue) bil. Cargo ton-milesmil mil. Mail ton-milesdo	302.09 3,990 1,247	¹ 459 ¹ 324.48 4,339 1,312	28.49 359	30.80 367 101	31.79 374 99	24.21 381 102	25.73 414 112	387	25.57 285 161	24.09 354 111	24.36 355 105	29.47 419 121	27.20 391			
Operating revenues (quarterly) §mil. \$ Operating expenses (quarterly) §do Net income after taxes (quarterly) §do	41,043 39,983 °-108	45,468 43,756 57				11,934 11,202 262	······	100	11,616 11,498 -205							
International operations: Passenger-miles (revenue) bil. Cargo ton-miles mil. Mail ton-miles do Operating revenues (quarterly) § mil. \$	64.44 3,346 433 8,626	79.83 ¹ 3,921 443 ¹ 10,907	7.76 231 30 2.665	9.11 346 34	9.70 334 34	7.37 339 33 3,331		5.60 385 44	6.02 348 57 2.701	6.36 316 35	5.34 338 34	6.72 388 39	364 37			
Operating expenses (quarterly) \$do Net income after taxes (quarterly) \$do	8,461 -108	10,214	2,456		••••••	2,882 305	· · · · · · · · · · · · · · · · · · ·		2,739 -160							
Urban Transit Systems Passengers carried, total *mil							l	}					:			
Motor Carriers	9,009	•••••••	751	723	721	731				••••••					•••••	
Carriers of property, large, class I, qtrly.: Number of reporting carriers	100 18,480 548	100 18,772 263	4,673			100 4,859 60			100 4,909 52							
Tonnage hauled (revenue), common and contract carrier servicemil. tons Freight carried—volume indexes, class I and II	166	179	l '	1		45			48						· · · · · · · · · · · · · · · · · · ·	
intercity truck tonnage (ATA): Common carriers of general freight, seas. adj	148.0	163.9	162.0	161.7	163.6	168.5	170.9	176.2	173.4	175.0	171.0	175.3	⁷ 174.9	*178.4	P184.5	
Financial operations, quarterly (AAR), excluding Amtrak: Operating revenues, total #mil. \$. Freightdo	¹ 25,957 ¹ 25,098	26,623 25,798	6,423			6,712 6,513	,		6,840 6,632			6,868. 6,666				*************
Passenger, excl. Amtrak do Operating expenses do Not railway operating income do Ordinary income † do	110 124,652 1,168 783	95 23,881 1,752 1,989				6,415 239 299			5,982 538 690			569 523				
Traffic: Revenue ton-miles, qtrly. (AAR) bil Price index for railroad freight12/84=100 Travel	867.7 100.8	939.7 100.1	⁷ 280.6 100.2	100.1	100.3	242.3 100.1	100.2	100.2	248.7 100.1	103.2	103.2	247.2 r103.2	³94.5 105.2	³ 77.2 105.1	³ 75.3 104.8	105.2
Lodging industry: Restaurant sales indexsame month 1967=100	2219	² 223	243	232	208	220	243	209	232	178	217	241	233			
Hotels: Average room sale \(\)	73.61 66	82.58 68	79.40 69	75.09 68	77.52 70	83.10 68	86.16 73	83.58 66	81.50 52	86.64 57	88.17 63	89.27 72	85.37 70			
Motor hotels: Average room sale ♦dollars. Rooms occupied	48.07 62 31.13 63	62 32.87	67	33.95	33.55	33.19	63		31.88	47.11 54 32.80 52	45.78 60 41.87	48.88 72 36.10 71	46.35 68 50.30 68	•••••		
Foreign travel: U.S. citizens: Arrivals (quarterly)thous	15,343				'°	5,285	"	55	3,692	31,464	³1,1 6 3	³1.401	³1,418	****************		
Departures (quarterly)	14,357 10,265 8,818 4,109	116,425 111,639 110,239	4,191 4,594 4,008		372	4,872 3,792 3,327		276	3,820 2,786 2,539	*1,464 *1,176 *892 *891 *326	31,120 31,120 3807 3710 378	³ 1,354 ³ 1,029 ³ 794 467	³ 1,296 ³ 967 ³ 911 432	408	421	335
National parks, recreation visits ##do		1		1	1	1	1		1	1,407	1,563	2,272	⁷ 2,924	74,668	1	

August 1700			BUIL	A TO I	T CO	TOTOTIV	I DO	DILLIN	JU							5-10
Unless otherwise stated in footnotes below, data through 1986 and	Ann	ual				1987							1988			
methodological notes are as shown in Business Statistics: 1986	1986	1987	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
		TDAN	SDODA	ATTON	AND	OMMU	NICAT	TON (Continu	and .						
		IIIAN	SI UILI	AHON	AND	OMINIC	NICAI	1011-1	OHUIII	ieu	—Т					
COMMUNICATION			j			- [l	i				1				
Telephone carriers: Operating revenues #mil. \$	73,897	74,657	18,606			18,832			18,900							
Station revenues do Tolls, message do do do do do do do do do do do do do	31,218 8,536	31,669 9,171	7,882 2,293			7,974 2,347			7,953 2,312							
Operating expenses (excluding taxes)do Net operating income (after taxes)do	48,553 13,140	50,384 13,370	12,441 73,876			12,823 3,372			13,139 3,164							
Access linesmil		10,010	111.1			112.4			113.2							
			CHE	MICAL	S AND	ALLIE	ED PRO	DUCTS	3							
CHEMICALS																
Inorganic Chemicals							1	1		ļ i			Ì		ĺ	
Production:	1					j	ļ	İ			ļ				1	
Aluminum sulfate, commercial (17% Al ₂ O ₃) ‡ thous. sh. tons	1,222	1,223	104	109	109	119	109	95	105	102	101	107	100	108	118	
Chlorine gas (100% Cl ₂) ‡do Hydrochloric acid (100% HCl) ‡do	10,436 2,413	10,980 2,495	880 208 28	936 210	958 206	954 201 28	941 200	966 198	985 206	903 214 30	907 221 30	974 226	953 233	7910 7187	904 184	
Phosphorus, elemental Ido	364	343	1	26	27		32	27	31	1		30	30	r30	30	1
Sodium hydroxide (100% NaOH) ‡do Sodium silicate, anhydrous ‡do	10,691 791	11,518 948	909 75	967 73	1,004 74	998 67	1,008 89	1,026 85	1,036 82 70	939 85 60	946 59 65	1,031 63 69	1,022 62 69	7851 757	845 76	i
Sodium sulfate, anhydrous ‡do Sodium tripolyphosphate	811	805	69	66	70	75	68	67					1	70	68	
(100% Na ₅ P ₃ O ₁₀) ‡dodo Titanium dioxide (composite and	617	565	47	47	43	46	46	50	41	41	48	54	53	47	49	1
pure) ‡do	931	952	83	76	88	79	77	85	78	83	81	86	88	92	88	
Sulfur, native (Frasch) and recovered: Productionthous. met. tons	9,862	19,363	783	793	799	775	781	735	787	796	754	815	777	779	769	
Stocks (producers') end of perioddo	2,748	2,316	2,662	2,659	2,622	2,567	2,488	2,404	2,316	2,250	2,133	1,963	1,894	1,750	1,577	
Inorganic Fertilizer Materials Production:	1														ļ	
Ammonia, synthetic anhydrous ‡ thous. sh. tons	14,474	16,161	1,312	1,269	1,207	1,238	1,403	1,357	1,450	1,409	1,304	1,455	1,475	1,513	1.398	<u>, </u>
Ammonium nitrate, original so- lution ‡do	6,089	6,416	498	461	387	457	555	560	594	570	577	639	_	622	1	
Ammonium sulfate 1do	2,080	2.183	159	187	182	179	181	187	181	181 647	191	200 724	635 187 698	7210 678	172	2
Nitric acid (100% HNO ₃)	6,734 2,264	7,102 2,820	569 201	521 218	462 166	552 188	629 232	629 245	663 254	251	639 231	253	285	281	222	1
Nitrogen solutions (100% N) ‡	9,578 35,759	10,473 38,750	780 2,962	809	900 3,428	894 3,353	943 3,443	898 3,237	967 3,578	921 3,383	958 3,325	996 3,547	°994 3,612	952 3,546		3 3
Superphosphate and other phosphatic	00,100	00,100	2,002	0,102	0,420	0,000	0,110	0,201	0,010	0,000	0,020	0,01.	0,012	, ,,,,,	, ,,,,,	
fertilizers (gross weight): Productionthous. sh. tons	12,710	15,674	1,140	1,198	1,438	1,418	1,415	1,304	1,337	1,351	1,370	1,392 581	1,385	r1,277	1,224	
Stocks, end of perioddo	775 5,521	704 6,204	552 592	616 226	615 440	539 552	671 400	832 366	704 577	750 699	762 422	581 436	620 688	780 536	688	
Imports:	,			ļ								25	9.5		.,	
Ammonium nitratedododo	561 291	307 285	20 25	13	10 8	12 16	15 20	14 10	14 17	30 64	26 22	27 44	35 42	21 24	1 9	
Potassium chloridedododo	7,536 118	7,290 102	458 6	473	416 13	690 (2)	481 2	532 3	856 6	698 (2)	692 7	912 12		589 19		
Industrial Gases ‡	l	ļ		ļ						Į.		•				
Production: Acetylenemil. cu. ft .	5,034	5,605	436	434	419	490	420	422	431	420	419	464	418	371	L	
Hydrogen (high and low purity)do	141,815	163,659	14,525	14,864	15.357	14,025	12,949	12,167	12,566	12,408	12,212 58,894	11,824 61,298	12,152	13,176	i	
Nitrogen (high and low purity)do Oxygen (high and low purity)do	617,386 346,839		52,904 29,832	31,098	54,148 31,177	56,897 35,693	60,653 37,531	59,417 36,487	60,226 37,907	38,064	36,165	38,611	37,465			
Organic Chemicals §	l		Ì]							i		1		
Production: Acetylsalicylic acid (aspirin)mil. lb.	130.5	124.2	5.8	Ĺ		3.4			5.4	<u> </u>	<u> </u>	6.8				
Ethyl acetatedo Formaldehyde (37% HCHO)do	1198.1	1198.3 16,064.4	56.2 1,613.5			50.7 1.548.5			44.3 1,552.6							
Glycerin, refined, all gradesdo	295.0	276.4	24.6	21.5	23.9	24.0		23.9	22.3	24.0	23.3	24.9	24.2	1	1)
Methanol, syntheticmil. gal . Phthalic anhydridemil. lb.	11,085.1 1863.1		285.7 272.6		ļ	296.3 251.7			278.0 253.1			216.7 270.4				
ALCOHOL												1			1	
Ethyl alcohol and spirits: Productionmil. tax gal.	645.4	729.5	56.6	60.1	63.4	63.8	63.0	60.6	66.9	62.6	61.2	64.2	60.7			
Stocks, end of perioddo	47.5				43.9		34.3				47.4	36.4				
Denatured alcohol: Productionmil. wine gal.	. 408.6	442.3	36.9	40.0	39.4	39.4		31.8	49.3	36.5	36.5	44.0	36.9			
Consumption (withdrawals)do For fuel usedo	. 444.6 226.7	459.7	41.0	37.1	40.9	41.4	39.4	30.2	40.1	34.8 14.8	35.7 14.3	45.8 18.5	40.8 19.0			
Stocks, end of perioddo				8.2	8.7		6.3	7.2			11.5		7.6			
See footnotes at end of tables.																

-20			DOIL	V EI C)I CO	TOTOTA	1 DU	011417							Augu	151 1
Unless otherwise stated in footnotes below, data through 1986 and Units nethodological notes are as shown in BUSINESS STATISTICS: 1986	1986	1987	June	July	Aug.	1987 Sept.	Oet.	Nov.	Dec.	Jan.	Feb.	Mar.	1988 Apr.	May	June	Jul
DUSINESS STATISTICS: 1300	!	CH	EMICA		D ALLI										· · · · ·	Ь
· · · · · · · · · · · · · · · · · · ·	Γ		EMICA	LIS ALVI	O ALLI	EDIN	DUCI	<u>5C011</u>	Itiliueu	_T		—-т				T
PLASTICS AND RESIN MATERIALS	j					İ	ŀ	1	l			1	1			
oduction: Phenolic resinsmil. lb	1,813.5	(2)														
Polyethylene and copolymers do Polypropylenedo	115,983.0 16,256.5		4,234.9 1,578.4			4,323.3 1,743.2			4,515.2 1,754.1			4,589.7 1,668.6		······		
Polystyrene and copolymersdo Polyvinyl chloride and copolymersdo	17,078.4 17,283.6	(2)										2,034.0				-
• • •	1,288.0	1,800.0	1,990.9			1,990.6			2,095.4			2,034.0			· · · · · · · · · · · · · · · · · · ·	1
PAINTS, VARNISH, AND LACQUER ♦	0.400.0	10 150 4	0400	0141	000 =	007 7	004.5	750 5	COO 7	750.7	991.0	007 5	070 5	71 049 0	1,075.8	,
tal shipmentsmil. \$ Architectural coatingsdo	9,493.8 4,016.8	4,205.1	940.9 429.3	914.1 412.4	898.5 395.9	887.7 375.8	904.5 342.8	759.5 285.8	688.7 243.7	759.7 273.1	831.0 304.0	967.5 384.0	979.5 389.7	71,043.9 7420.0	456.4	l
Product coatings (OEM)do Special purpose coatingsdo	3,578.1 1,898.8	3,945.9 2,002.4	332.5 179.2	309.8 191.9	319.7 182.9	333.6 178.3	377.8 183.9	325.0 148.7	306.1 138.9	342.0 144.5	366.1 160.9	396.5 187.0	390.4 199.5	7404.8 219.1	400.1 219.2	
	1	,,,,,,,,			TRIC P											
ELECTRIC POWER				LIBEO		OWER	ZRI (D G									T
oduction:							ł			1						
Electric utilities, totalmil. kwhr By fuelsdo	2,487,310 2,196,465		225,589 204,727	247,915, 227,721	247,645 229,198	213,008 194,828	203,009 185,054	200,258 183,401	220,500 199,413	237,586 215,371	216,813 197,648	213,838 194,324	195,818 176,717	208,144 186 913		
By waterpowerdo	290,844	249,695	20,863	20,195	18,446	18,180	17,955	16,857	21,087	22,214	19,165	19,514	19,102			
es to ultimate customers, total (Edison Electric Institute)mil. kwhr.	2,355,311	2,440,477	578,038			676,627			589,616		ł	638,859				<u> </u>
commercial §do	630,260	658,249	158,908			186,440			159,110			166,780				
ndustrial §do Railways and railroadsdo	817,396 4,714	846,876 4,753	211,040 1.122		·····	222,491			214,111 1.202		•••••	211,402 1,304				
Residential or domesticdo	820,826	849,273	187,006			244,803			195,168			238,639				
treet and highway lightingdo	14,921	14,738	3,482			3,594			3,771			3,755				
Other public authoritiesdo nterdepartmentaldo	62,038 5,155	62,169 4,419	15,275			1,149			15,236 1,018			16,098 881				
venue from sales to ultimate customers	150.014	155.510	00.750			45.004			00.000			00.010			}	
Edison Electric Institute) 🔷mil. \$.	152,814	155,712	36,758			45,084			36,977			39,012			ļ	
GAS ♦		1					1	İ							ł	
al utility gas, quarterly (American Gas Association):			1					1	i							
Customers, end of period, total @thous.	50,961	51,797	51,657			51,174			51,797			52,720			1	
Residential do Commercial do	46,818 3,915		47,418 4,010			47,039 3,908			47,576 3,994			48,357 4,133				
Industrial @do	. 176	174	176			175			174			175			ļ	
Otherdo Sales to customers, totaltril. Btu.	. 52	1	54 2,028		·····	52 1,478			53 2,798			54 4,084			ļ	,
Residentialdo	11,126	10,115 4,350	747	•		381			1,246		••••••	2,192		·····	l	
Commercialdo	2,238	2,132	382			254			601			982	i		ļ	
Industrial	. 2,892 1,449		449 410			453 362			614 292			640 211				
Otherdo	. 167					28			46			60		•••••	ļ	
Revenue from sales to custom- ers, totalmil. \$.	51,194	44,828	8,914	1		6,237			12,329			18,238				
Residentialdo	24,750	23,390	4,315			2,461			6,522			10,779				1
Commercialdododo	11,268 10,554	10,065 7,204	1,895 1,482			1,200 1,454			2,800 2,050			4,510 2,160				
Electric generationdo	.] 3,949	3,569	1,069			1,035			796		· · · · · · · · · · · · · · · · · · ·	581				
Otherdo	. 673					87			161			208			· · · · · · · · · · · · · · · · · · ·	<u>-1</u>
	т	1	FOOD A	AND KI	INDRE	D PROI	DUCTS;	TOBA	cco					· · · · · ·		T-
ALCOHOLIC BEVERAGES						-										
Productionmil. bbl. [axable withdrawalsdo	. 196.50 178.72	195.42 177.85	18.58 16.62	18.09 17.04	16.81 15.82	15.82 14.31	15.50 14.47	13.18 12.58	13.69 12.32	15.80 13.80	15.85 13.94	17.12 15.26	17.78 15.24	18.31 16.48	L	
stocks, end of perioddo	13.42	12.94	15.42	14.74		14.20	13.66	12.85	12.94	13.47	13.85	14.12	15.13	15.25		
stilled spirits (total): Productionmil. tax gal	. 85.70	76.51	5.86	4.74	4.21	6.52	9.24	6.72	4.41	4.80	6.50	7.43	7.87			
Consumption, apparent, for beverage	ŀ		1	1	1	Ι.,		.]		1	0.00	1.40		[
purposes †mil. wine gal. Stocks, end of periodmil. tax gal.	394.22 500.72	455.00	512.08	477.79	29.00 473.48	31.11 469.86	31.09 464.20	37.56 543.57	48.19 455.00	25.12 449.63	448.14	446.43	445.14			
Importsmil. proof gal.	. 103.59	106.89	7.74	7.40	8.50	8.25	10.57	12.79	6.96	7.71	6.22	7.53	7.12	7.58	6.81	1
Whisky: Productionmil. tax gal	. 50.44	38.33	3.42			1.77	2.34	3.01	2.02	1.79	2.53	4.06	4.46			
Stocks, end of perioddo	. 433.63	393.72	419.91	417.75	414.17	408.83 5.47	402.15 7.01	398.12 8.60	393.72 4.20	389.31 4.97	386.47 3.67	384.78 5.00	384.08 4.34	4.85	4.9	7
nes and distilling materials:	1	10.02	1 2.02	2.50	0.54	0.41	1.01	5.50	1.20	3.01	0,01	5.50	1.04	1.50		
Effervescent wines: Productionmil. wine gal	30.86	27.87	1.74	2.50	3.03	996	3.31	2.80	2.30	1.78	2.48	1.66	2.26	1 26		
Taxable withdrawalsdo] 30.28	30.12 r30.12	2.36	1.38	1.29	2.86 3.40	4.37	4.38	3.44	2.13	1.24	1.51	1.36	1.91		
Stocks, end of perioddo	15.96 14.30	5 14.99 0 13.87		17.84		18.72 1.05	13.72 1.96	16.17 2.45	14.99 1.23	15.36 .60	16.50 .72		17.29 .72	17.57 .86		8
IIIporus	1			1	,	l				1						1
		.		7.58	96.15	176.15	78.80	25.70 34.60	24.78 37.11	6.23 35.02	4.61 31.84		3.84 40.49	4.88 41.65		
Still wines: Productiondo	482.34 448.14					34 49	36 96									
Still wines: Production	448.14 598.74	452.49 601.63	40.34 453.85	39.37 398.92	36.11 447.59	34.48 617.61	36.26 617.66	598.20	601.63	586.92	539.39	501.19	542.89	470.22	1	
Still wines: Production	448.14 598.74	452.49 601.63	40.34 453.85	39.37 398.92	36.11 447.59	34.48 617.61 5.89	86.26 617.66 8.04		601.63	586.92	539.39 4.98	501.19		470.22	1	8
Still wines: Productiondo Taxable withdrawalsdo Stocks, end of perioddo dodo	448.14 598.74 90.3	4 7452.49 4 601.63 1 82.42	40.34 453.85 6.89	39.37 398.92 7.37	36.11 447.59 6.03	617.61	617.66	598.20	601.63	586.92 4.78	539.39	501.19 6.11	542.89	470.22 5.69	1	8

Unless otherwise stated in footnotes	Anı	nual	5010	V 151 (<i>J</i> r 00	1987	11 100	OHAE	-				1988			5-4
below, data through 1986 and Units methodological notes are as shown in BUSINESS STATISTICS: 1986	1986	1987	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
		FOOD	AND K	INDRE	D PRO	DUCTS	; TOBA	CCO-	Contin	ued	· · · · · · · · · · · · · · · · · · ·					
DAIRY PRODUCTS								·	,							
Butter: Production (factory)mil. lb. Stocks, cold storage, end of perioddodo Producer Price Index1982=100	1,202.4 193.0 98.3		81.5 237.9 96.5	75.2 211.2 100.6	66.4 187.3 100.3	77.9 176.2 100.2	91.2 165.6 93.5	87.9 158.5 93.2	108.5 143.2 91.9	124.7 157.3 *88.9	117.1 198.8 88.6	116.4 221.1 88.8	111.7 239.8 88.8	107.9 282.5 88.8	91.7 *294.7 90.7	
Cheese: Production (factory), totalmil. lb. American, whole milkdo	5,209.3 2,798.2	5,344.2 2,716.7	465.6 245.9	453.8 235.3	426.0 205.9	430.7 201.8	448.6 214.1	431.8 207.4	469.7 232.6	432.8 225.8	428.8 221.0	483.9 244.6	473.1 251.8	490.2 258.7	474.4 245.2	
Stocks, cold storage, end of period	. 693.6 601.7 311.4	457.1 367.4 264.9	659.0 564.7 18.4	642.5 547.1 27.6	606.6 509.7 24.9	580.8 485.3 23.9	538.0 441.2 29.3	495.9 403.4 33.3	457.1 367.4 24.3	452.8 362.7 19.8	445.9 357.5 17.1	443.1 354.1 16.9	453.8 360.6 16.6	460.1 366.7 16.7	7481.8 7382.4 20.0	376
(Chicago)\$ per lb.	. 1.575	(9)														
Production, case goodsmil. lb. Stocks, manufacturers', case goods, end of perioddodo	. 45.0	579.7 31.8	54.2 84.2	49.3 93.9	47.7 100.9	41.1 85.5	50.0 64.2	49.8 34.8	56.2 31.8	44.2 40.2	41.6 51.8	53.0 59.7	54.4 71.3	51.3 85.1	94.3	l
Exportsdodo	. 10.8	5.2	1.1	.4	.3	.4	.5	.8	.2	.1	.6	.2	.2	.9	.6	
Production on farms †	. 121,433 . 82,596 . 12.50	121,094 81,740 12.54	10,475 7,353 11.90	10,393 7,117 12.00	10,138 6,492 12.20	9,718 6,418 12.74	9,931 6,506 12.90	9,572 6,108 12.90	10,038 6,851 12.70	10,205 6,881 12.50	9,740 6,847 12.30	10,647 7,552 11.90	10,598 7,489 11.60	11,041 7,832 11.40	10,480 7,592 11.30	
ry milk:	. 12.50	12.54	11.50	12.00	12.20	12.14	12.50	12.50	12.10	12.00	12.00	11.50	11.00	11.40	11.00	11
Production: Dry whole milkmil. lb. Nonfat dry milk (human food)do Stocks, manufacturers', end of period:	. 122.4 . 1,284.1	145.9 1,059.0	12.3 109.2	11.4 99.5	12.3 80.4	13.0 65.7	15.3 64.7	12.8 65.5	12.4 90.0	13.6 83.8	13.4 85.8	12.9 95.8	15.7 102.6	16.7 104.1	14.1 104.6	
Dry whole milkdodo Nonfat dry milk (human food)do	6.7 57.9	8.0 65.1	8.2 83.4	7.8 71.3	6.3 65.4	5.7 55.1	6.4 45.0	6.5 45.1	8.0 65.1	9.1 56.9	9.0 63.5	6.6 56.2	8.4 70.8	9.3 74.1	10.6 67.7	
Exports, whole and nonfat (human food)do Price, manufacturers' average selling, nonfat dry milk (human food)	. 482.4	387.8 .793	27.0 .795	66.1 .793	58.0 .791	39.3 .801	13.7 .793	15.7 .783	13.7 .780	21.9 .744	12.0 .738	28.1 .734	15.3 .734	29.6 .735	40.2 .740	
GRAIN AND GRAIN PRODUCTS																
Exports (barley, corn, oats, rye, wheat)mil. bu .	. 2,083.9	2,920.4	245.5	304.7	237.8	267.3	257.9	216.2	278.9	288.5	274.9	327.7	328.9	332.8	274.1	
Production (crop estimate)	. \$610.5 \$324.8 \$199.3	² 527.0 ⁶ 335.6 ⁶ 193.9												€321.3 €193.1		1128
Off farms do Exports, including malt \$ do Producer Price Index, No. 2 feed, Minneapolis	. *125.6 75.9 . 74.6	6141.7 143.0	.7 88.8	7.7 86.2	9.3 79.4	10.2 90.4	17.1 95.1	18.1	16.1 91.4	9.8	7.2 89.3	15.8 97.7	9.0	*128.2 5.0 102.4	12.4 125.4	
Corn: Production (crop estimate, grain only)mil. bu			00.0	00.2	10.2	20.4	55.1		71.4	00.0		V 1.1	100.0	102.1	120.1	11 4,47
Stocks (domestic), end of period, totaldo On farmsdo	. 710,305.5 76,795.5	79,768.5 76.100.0			¹ 4,881.7 ¹ 2,284.5			9,768.5 6,100.0			7,635.2 4,421.0			35,833.0 33,240.6		
Off farms	73,510.0 1,064.7 83.5	78,668.5 1,606.7	119.9 74.5	133.7 67.1	¹ 2,597.2 111.3 59.4	135.2 64.8	137.7 68.3	3,668.5 122.5 73.1	148.8 75.7	133.5 *73.3	8,214.2 123.7 80.8	163.9 80.2	166.3 80.1	³ 2,592.4 179.4 81.3	132.9 102.4	11
Oats: Production (crop estimate)mil. bu . Stocks (domestic), end of period, totaldodo	2386.4 6183.7	*373.8 *132.7	••••••		•••••	i l								¢111.9		11 20
On farms do Off fa	147.2 636.5	¢103.3													•••••	
Exports, including oatmealdodo	3.9	2.1	.2 88.8	.1 85.1	.2 89.8		.2			.2 *107.0	.2 110.7	.1 103.0	.2 94.3	.3 116.0	.4 162.5	15
Production (crop estimate)mil. bags #	. 2133.4	² 127.7														"15
Southern States mills (Ark., La., Tenn., Tex.): Receipts, rough, from producersmil. lb. Shipments from mills, milled ricedododo	. 10,201	9,651 7,791	418	271 634	775 875	3,502 762	968	860 582	774 593	648 556	600 596	420 491	278 400	258 525	277 465	:
Stocks, domestic, rough and cleaned (cleaned basis), end of periodmil. lb. Exports	3,046	2,689		1,330 582	1,057	2,639 439	638 2,678	2,698	2,689 349	2,614 409	2,496	2,310	2,145 333	1,826 486	1,577 278	1,2
Producer Price Index, medium grain, milled1982=100	. 5,111 . 91.2		254 76.7	76.5	474 77.2	80.9	556 100.6	517 101.0	104.5	*107.4	299 115.4	411 117.7	116.4	120.5	117.5	11
ye: Production (crop estimate)mil. bu	. 219.5 . 57.0	t	51.3	51.3	49.1	51.3	60,1	52.7	55.7	*54.9	54.9	50.5	46.9	53.5	93.8	8
Vheat: Production (crop estimate), totalmil. bu Spring wheatdo	22,092 2570	2542											,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			"1,8
Winter wheatdo	21,522 2,076	21,563	ļ		940			488			601					111,
Stocks (domestic), end of period, totaldo On farmsdodo Off farmsdodo	72,673.5 71,063.0 71,610.5	7971.0			2,988.5 1,168.0 1,820.5	[2,505.3 971.0 1,534.3	,		1,923.4 748.0 1,175.4			41,266.2 4520.0 4746.2		
Exports, total, including flourdodo	939.0 883.7		124.6 119.4		117.0 112.5		102.9 100.4	75.5 69.0	114.0 109.8	145.0 137.9	143.8 141.7	148.0 147.3	153.4 151.6	148.1 146.1	128.4 121.5	
See footnotes at end of tables.																

D-22			SOIL	AFIC	T CO	TOTOTAL	IDU	DIME	303						Augu	St 1300
Unless otherwise stated in footnotes below, data through 1986 and methodological notes are as shown in Business Statistics: 1986	Ann 1986	ual 1987	June	July	Aug.	1987 Sept.	Oet.	Nov.	Dec.	Jan.	Feb.	Mar.	1988 Apr.	May	June	July
		FOOD	AND K	INDRE	D PRO	DUCTS	; TOBA	CCO-	Contin	ued				•		
GRAIN AND GRAIN PRODUCTS—Continued Wheat—Continued Producer Price Indexes:		,						`								
Hard red winter, No. 1, ord. protein (K.C.) 1982=100 Hard red spring, No. 1, ord. protein (Minn.) 1982=100	73.4 72.5	70.6 68.8	67.1 66.5	65.1 65.7	64.5 64.4	70.7 69.9	72.1 72.6	69.6 70.6	78.0 77.7	² 78.8 ² 76.5	82.6 83.8	75.1 75.5	79.1 79.6	76.8 81.6	93.6 104.0	i
Wheat flour: Production:		33.0				33.3				, ,,,,	33,3					
Flour	326,316 5,799 737,537	338,484 6,135 760,459	28,461 525 63,665	27,384 499 61,729	29,538 529 65,710	29,067 522 65,188	31,068 546 68,900	29,539 526 66,152	27,706 494 61,925	26,199 473 58,833	25,601 460 57,590	26,498 476 60,371	25,660 453 57,583	r28,944 r515 r64,858	28,257 498 62,929	
thous. sacks (100 lb.) Exports	5,228 23,741 91.4	5,858 26,367 89.7	5,581 2,233 90.1	2,633 88.4	1,902 88.0	5,258 1,528 90.1	1,081 91.3	2,777 90.1	5,858 1,779 90.0	3,057 91.2	883 94.4	5,719 273 ′90.6	782 93.5	831 94.0	5,226 2,941 106.4	
POULTRY AND EGGS Poultry:																
Slaughtermil. lb Stocks, cold storage (frozen), end of period,	18,039	19,882	1,772	1,752	1,662	1,807	1,850	1,598	1,694	1,618	1,618	1,779	1,648	71,759	1,810	
totalmil. lb Turkeysdo	369 178	501 282	593 382	676 473	745 560	842 641	841 630	530 322	501 282	526 299	562 335	594 353	628 384	639 422	7674 467	704 508
Price, in Georgia producing area, live broilers\$ per lb	.325	.265	.250	.250	.295	.255	.230	.235	.220	.245	.230	.250	.255	.315	.340	.425
Eggs: Production on farmsmil. cases § Stocks, cold storage, end of period:	190.0	193.0	15.6	16.1	16.1	15.8	16.5	16.1	16.7	16.6	15.7	16.6	15.7	16.0	15.3	15.8
Shellthous. cases § Frozenmil. lb.	22 13	43 17	32 17	34 17	32 17	33 16	51 18	40 17	43 17	67 18	53 18	67 14	14 17	21 20	30 25	25 21
Price, wholesale, large (delivered; Chicago) \$ per doz	.681	.579	.556	.554	.587	.648	.555	.563	.521	.512	.489	.536	.479	.471	.528	.698
LIVESTOCK														1		
Cattle and calves: Slaughter (federally inspected): Calvesthous. animals Cattledo	3,195 35,913	2,679 34,468	214 2,945	220 3,009	202 2,972	229 2,977	233 3,024	211 2,640	242 2,793	205 2,832	203 2,679	216 2,812	169 2,707	171 2,830	204 2,983	207 2,897
Prices, wholesale: Beef steers (Omaha)\$ per 100 lb	57.74	64.60	68.83	65.80	64.50	64.81	64.81	64.20	63.93	65.00	68.31	71.53	72.71	75.15	70.58	65.9
Steers, stocker and feeder (Kansas City)do Calves, vealers (So. St. Paul)do	60.38 59.92	71.32 78.92	70.21 90.63	71.22 77.50	75.31 79.22	77.10 80.25	73.21 82.50	74.92 82.50	73.69 83.00	80.26 86.88	81.64 87.50	83.12 87.50	82.61 96.41	78.99 97.66	70.77 100.88	
Hogs: Slaughter (federally inspected)thous. animals Prices: Wholesale, average, all weights (Sioux City)	77,290	78,913	5,987	6,019	6,019	6,855	7,519	7,121	7,583	6,803	6,519	7,505	6,929	6,713	6,715	6,19
\$ per 100 lb Hog-corn price ratio (bu. of corn equal in value to 100 lb. live hog)	50.73 26.1	47.11 33.6	61.37 35.0	62.69 37.3	60.56 39.9	55.19 36.4	49.28 31.3	40.74 25.1	41.56 23.4	44.59 24.3	47.45 25.0	43.19 22.7	42.28 22.3	47.75 23.7	48.26 19.5	
Sheep and lambs: Slaughter (federally inspected)thous. animals Price, wholesale, lambs, average (Omaha) \$ per 100 lb	5,464 67.54	5,042 75.77	407 85.42	411 74.02	400 70.86	459 67.14	446 66.00	i !	439 72.44	380 78.17	408 79.38	535 79.50	388 (¹)	414 75.17	413 58.80	
MEATS																
Total meats (excluding lard): Production	39,050 564	38,442 623	3,103 499	3,158 516	3,135 496	3,331 523	3,521 576	3,197 614	3,378 623	3,242 656	3,070 693	3,354 716	3,158 758	3,206 720	3,317 7669	
Imports (meats and meat preparations)do	1,722 2,544	2,017 2,755	167 268	177 277	178 244	180 249	176 244	191 191	181 156		153 238	165 280	179 247	191 230	198 276	1
Beef and veal: Production, total do Stocks, cold storage, end of period do Exports do	24,722 318 884	868	1,993 257 69	288 76	2,037 278 71	2,075 290 77	2,134 312 78	1,860 309 80	1,960 293 72	317 65	1,860 332 60	1,958 317 68	1,870 309 72	1,948 278 73	2,058 *251 *74	25
Importsdo	. 1,505		168 1.057		.954	.969	.968		.945		.995	168 1.035	1.052	135	1.064	.97
Lamb and mutton: Production, totalmil. lb. Stocks, cold storage, end of perioddo	330	310		25	24	28	28 7		28		26 8	35 7	26 8	27	27	2
Pork (excluding lard):	13,998 197 133	14,312 285 155	1,086 189 10	181	175	1,227 186 12	1,359 212 16		285	287	1,183 308 16	1,360 346 15	1,263 396	1,231 389 26	1,232 '363 37	33
Importsdo	928	1,017	89	87	10 84	85	94		22 80	77	90	97	22 81	82		
Producer Price Index, Hams, smoked 1982=100.	. 102.0	104.2	100.4	103.4	103.1	108.3	113.2	113.1	117.7	²101.8	99.6	99.6	93.1	92.7	91.8	91.4
Fresh loins, 8-14 lb. average, wholesale (N.Y.)	1.285				1.429	1.418	1.218	1.019	1.042	1	1.150	1.098	1.142	1.298	ļ	
MISCELLANEOUS FOOD PRODUCTS Cocoa (cacao) beans, imports						_										
(including shells)thous. lg. tons. Coffee: Imports total thous begs A	201.5		1			1.770	22.1	23.9	43.9		30.0	26.7	18.3	14.7	21.0	
Imports, total	19,483 2,200 132.5	3,928	363	345	1,481 275	1,770 523 76.9	2,631 745	1,246 239	1,056 161 85.5	357	1,683 373	1,426 276 392.8	1,179 315	1,141 233	832 250 92.2)
Stocks, cold storage, end of periodmil. lb. See footnotes at end of tables.	. 340	421	320	354	394	421	436	447	421	419	395	872	381	367	r384	₽37
we and of motion																

August 1988			SOR	VEY (JF CU	KKEN	AT. RO	SINE	20							S-23
Unless otherwise stated in footnotes	Anı	wai				1987							1988			
below, data through 1986 and methodological notes are as shown in Business Statistics: 1986	1986	1987	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
		FOC	D AND	KIND	RED P	RODUC	TS: TO	BACCO	—Cont	t.					<u> </u>	
	Γ															
MISCELLANEOUS FOOD PRODUCTS—Cont.																
Sugar: Exports, raw and refinedsh. tons	454,394	617,947	34,371	52,906	27,609	26,994	33,431	32,577	40,787	11,435	25,483	14,325	24,716	9,873	45,883	
Imports, raw and refinedthous. sh. tons	1,913	1,275	74	167	65	139	87	128	51	78	104	78	84	106	68	,
Producer Price Indexes:		,														
Raw (cane)	104.9	110.3	111.0	111.6	111.2	110.9	110.6	110.1	109.7	1109.7	111.4	111.4	111.9	111.8	112.7	118.2
Refineddo	103.3	106.4	106.8	107.2	107.1	107.4	107.1	107.1	106.5	105.7	107.0	106.7	107.4	107.1	106.6	108.1
Tea, importsthous. lb	197,963	170,616	12,421	12,838	13,538	11,207	15,569	12,562	11,480	14,377	15,800	17,770	19,962	18,596	19,386	
TOBACCO		i														
Leaf: Production (crop estimate)mil. lb	11,164	ri 1,191						l								51,262
Stocks, dealers' and manufacturers',	4,979	4,471	4,435			4,455			4,471			4,176				ŕ
end of perioddo Exports, incl. scrap and stems thous. lb	466,630	1	20,732	19,408	15,658	21,640	28,096	53,734	64,842	72,022	37,692	48,364	56,740	34,933	22,778	
Imports, incl. scrap and stems do	457,658	1 .	38,027	53,679	47,834	30,372	40,936	43,352	33,135	33,369	28,984	40,392	43,969	40,121	41,363	
Manufactured products:				,		·		'	·							
Consumption (withdrawals):] .							ļ			.]			
Cigarettes (small): Tax-exemptmillions	74,301	111,200	11,608	9,547	10,136	10,136	11,110	10,488	9,511	8,728	10,311	10,195	9,286	10.316		
Taxabledo	583,020	576,998	61,758	37,894	49,814	50,955	48,564	52,556	48,508	32,441	46,100	55,291	44,825	51,609		
Cigars (large), taxabledo	2,909	⁷ 2,658	281	181	211	245	241	203	209	145	185	214	188	215		
Exports, cigarettesdo	63,945	100,246	9,026	8,965	9,835	9,695	9,639	8,996	8,985	7,583	9,500	9,478	9,058	10,110	10,271	
	,	,-		LEAT	THER A	ND PR	ODUC'	TS							· · · · · · · · · · · · · · · · · · ·	
LEATHER	İ						ļ									
Exports: Upper and lining leatherthous. sq. ft	160,888	194,152	19,585	15,455	15,015	14,806	13,557	15,703	14,677	16,033	18,431	18,430	14,647	19,273	17,623	
Producer Price Index, leather	122.9	140.9	143.1	142.3	141.0	145.6	148.6		153.0	10,033	160.1	171.1	174.8	176.0	164.5	162.9
LEATHER MANUFACTURES	1	110.0	140.1	112.0	141.0	110.0	140.0	110.0	100.0	100.0	100.1		2.1.0			
Footwear:			1		1											
Production, totalthous. pairs	241,388	220,508	20,025	15,622	19,852	20,159	19,947	17,641	14,854	15,349	19,018	19,763	r17,520	18,314	ļ]
Shoes, sandals, and play shoes, except athleticthous. pairs	176,111	,	14,929	12,240	(3)	(3)	(3)	(8)	12,108	(3)	(3)	(8)	(3)	(a)		
Slippersdododododo	55,927 9,350	39,895	4,480 616	2,897 485	3,935 (3)	4,282 (3)	4,297 (3)	3,823 (3)	2,252 494	2,675 (³)	3,470 (3)	4,371	3,827 (3)	4,216 (3)		
Other footweardo	2,971	4,150	322	215	294	323	266	264	230	267	282	283	290	311		
Exportsdo	10,277	14,713	1,175	1,226	1,268	1,285	1,425	1,539	1,236	1,278	1,603	1,903	1,495	1,369	1,443	
Producer Price Indexes: Men's leather upper, dress and casual	1		ł		•											
1982=100	107.2	111.4	109.8	111.8	1	113.3	114.1	112.7	115.6	117.2	119.6		120.0	120.5		122.0
Women's leather upperdo Women's plastic upperdo	104.3 106.6	107.2 104.9	106.5 95.0	107.1 104.5	107.5 105.9	108.9 105.9	108.3 105.8	108.3 106.6	109.0 107.2	4110.7 4107.4	111.4 107.4	7111.8 7107.2	112.1 107.2	111.5 107.3		113.0 107.3
				LUM	BER A	ND PR	ODUCI	rs		-						
LUMBER-ALL TYPES #																
National Forest Products Association:									!							ł
Production, total mil. bd. ft. Hardwoods do	² 42,676 ² 7,403	28,143	3,905 461	3,662 470	3,737 613	3,617 586	3,942 620	3,458 279	3,829 998	3,814 955	4,042 951	1,093	74,247 1,018	4,245 1,030		
Softwoodsdo	235,273	237,910	3,444	3,192	3,124	3,031	3,122		2,831	2,859	3,091	3,296	73,234	3,215	ì	
Shipments, totaldodododo	² 42,618 ² 7,486	29 045	4,039 492	3,671 480	3,812 609	3,540 609	4,034 646	3,470 301	3,865 1,023	3,790 1,025	4,092 1,084	1.068	r4,257 r967	4,261 1,001		
Softwoodsdo	235,132	238,045	3,547			2,931	3,388		2,842	2,765	3,008	3,252	r3,290	3,260	ŀ	
Stocks (gross), mill, end of period, totaldo	6,549	6,183	6,233	6,237	5,979	6,088	6,002	5,970	6,183	6,251	6,282	6,341	6,302	6,257		
Hardwoods do Softwoods do	1,509 5,040	1,412 4,771	1,306 4,927	1,309 4,928	1,224 4,755	1,233	1,213 4,787	1,147 4,823	1,412 4,771	1,384 4,867	1,332 4,950	1,847	1,363 4,939	1,363 4,894	ļ	
Exports, total sawmill productsdo	3,040	4,771	4,521	4,720	4,100	4,000	4,101	4,040	4,111	4,001	4,500	4,004	4,000	4,004		
Imports, total sawmill productsdo	14,607	15,217	1,383	1,329	1,182	1,449	1,264	1,210	1,146	991	1,134	1,338	1,186	1,259	1,406	
SOFTWOODS	ĺ	ł			ļ		l					[1
Douglas fir: Orders, newmil. bd. ft	9,570	r10,325	7985	7813	r905	7708	⁷ 869	7710	7725	7766	7741	7898	r786	⁷ 817	844	
Orders, unfilled, end of perioddo	668	⁷ 548	7705	r696	7748	7626	7569	7555	⁷ 548	7619	r573	r683	r620	r619	626	
Productiondododo	9,412 9,430	r10,354 r10,445	r979 r1,035	7837 7822	7849 7853	r839 r830	7863 7926	7757 7724	*688 *732	7728 7695	⁷ 822 7787	7839 7788	*818 *849	7834 7818	784 837	
Stocks (gross), mill, end of perioddo	881	7790		7859	7855	r864	7801	r834	7790	7823	1858		7878	r894	791	
Exports, total sawmill productsdododo	522 105	684 138	55 21	53 8	57 9	54 8	57 8	60	62 13	55 7	61 10		91 25	77 12	76 11	
Boards, planks, scantlings, etcdo	417	546			48	45	48	52	49	48	51	57	66	65		
Producer Price Index, Douglas fir, dressed 1982=100.	. 124.5	125.1	121.5	124.6	127.6	138.2	128.2	126.1	127.7	129.8	130.9	r131.6	136.5	134.3	138.2	145.
	1 124.8	1 125.1	1 121.8	124.0	1 121.0	196.2	140.4	120.1	141.1	123.0	100.9	101.6	190.3	104.9	100.2	140.1
See footnotes at end of tables.																

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Unless otherwise stated in footnotes below, data through 1986 and methodological notes are as shown in BUSINESS STATISTICS: 1986	1986	ual 1987	June	July	Aug.	1987 Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	1988 Apr.	May	June	July
Dodiness Statistics, 1900	- ! i		LUM	IBER A	1	ODUCI	rs—Co	ntinued	! !	1	1		1			
COMMUNICATION OF ALL A						1		Ī								
SOFTWOODS—Continued Southern pine:						İ						ļ	İ			
Orders, newmil. bd. ft Orders, unfilled, end of perioddodo.	'11,598 '710	¹ 12,575 835	1,156 1,005	857 792	1,035 848	761 600	1,213 681	891 618	1,024 835	843 894	985 933	1,090 789	71,063 576	1,155 832		
Productiondodo	11,678	¹ 12,437	1,005	1,086	1,007	1,004	1.102	929	994	938	966	1,124	1.085	1.081		
Shipmentsdo	11,562	12,450	1,092	1,074	1,016	953	1,091	956	947	909	946	1,113	1,073	1,101		
Stocks (gross), mill and concentration yards, end of periodmil. bd. ft	2,010	1,997	1,949	1,960	1,950	2,001	2,013	1,986	1,997	2,026	2,046	2,056	⁷ 2,068	2,049		
Exports, total sawmill products thous. bd. ft	187,258	263,166	19,877	18,413	13,738	21,243	30,856	31,673	29,668	30,745	27,715	33,503	33,770	37,449	38,499	
Producer Price Index, southern pine, dressed1982=100	. 104.9	114.1	116.1	122.9	120.7	120.8	113.7	113.5	115.9	2118.1	119.6	r118.4	118.6	115.7	115.2	114.
Western pine:	10 500	r11 407	r1 007	*****	51 041	F010	r1 076	F0F0	T000	⁷ 979	r061	r1 00c	987	1,032	901	
Orders, newmil. bd. ft Orders, unfilled, end of perioddo	10,500 451	711,427 524	′1,087 ′608	7902 7552	71,041 7583	7810 7529	71,076 548	7859 7504	7889 524	7620	7961 7607	71,026 7621	577	598	564	
Productiondodododo	10,482 10,482	711,407 711,354	71,063 71,062	7938 7958	71,005 71,010	7903 7864	71,058 71,057	7935 7903	7881 7869	7889 7883	7997 7974	71,011 71,012	999 1,031	968 1,011	839 935	
Stocks (gross), mill, end of perioddo		1,365	71,306	r1,286	1,010	71,320	71,321	1,353	1,365	1,371	1,394	1,393	1,361	1,318	1,222	
Producer Price Index, other softwood,	100.7	110.0	110.0	110.0		104.4	100.4	1	110.4	21101	1160	F100.0	120.9	101.9	104.4	126.
dressed1982=100	109.7	119.0	119.0	119.0	119.9	124.4	120.4	119.4	116.4	² 116.1	116.9	⁷ 120.0	120.9	121.3	124.4	120.
HARDWOOD FLOORING Oak:								1					1			
Orders, unfilled, end of period mil. bd. ft Shipmentsdo	7.5 145.3	11.0 173.9	13.5 15.9	16.1 14.5	13.9 15.8	11.8 16.8	12.8 17.3	10.7 14.3	11.0 12.2	11.3 15.0	10.9 15.2	12.3 18.1	13.4 15.9	11.8 16.9	710.2 19.2	10. 13.
Stocks (gross), mill, end of perioddo	7.4	8.7	5.9	6.2	6.6	7.8	8.6	8.5	8.7	8.9	9.6	8.9	9.6	10.0	10.1	10.
			7	AETAL.	SAND	MANUI	FACTU	RES								
	T							1								
IRON AND STEEL Exports:																
Steel mill productsthous. sh. tons	929 11,704	1,129 10,367	99 1,258	84 71,073	91 8 62	99 779	86 809	114 782	110 1,009	89 649	100 630	114 724	116 903	124 1,006	126 1,288	ļ
Scrapdo. Pig irondo.	11,704	50	1,200	1,078	1	4	2	2	1,005	15	000	3	18	1,000	(2)	
Imports: Steel mill productsdo	20,698	20,414	1,697	1,723	1,624	1,600	1,651	1,812	1,728	1,810	1,916	1,844	1,533	1,936	1,979	
Scrap do Pig iron do	724	843 355	60 30	62 14	47 28	71 25	88 53	89 53	125 54	89 136	86 54	69 11	102	39 67	65 84	
Iron and Steel Scrap		000			20	-	00		•	100	-			٠.		
Productionthous. sh. tons	26,333	724,730	2,142	2,044	2,039	2,137	2,288	2,111	2,130	2,138	72,331	2,420				
Receipts, net do Consumption do do do do do do do do do do do do do	65,856	746,105 769,615	3,682 5,667	3,490 5,434	3,929 6,001	4,184 6,255 4,279	4,667 6,624	4,350 6,184	433 6,214	4,558 6,988	74,153 76,331	4,428 6,647				
Stocks, end of perioddo Composite price, No. 1 heavy melting scrap:	4,344	*4,821	4,316	4,363	4,291	4,279	4,505	4,695	4,811	4,487	⁷ 4,623	4,731				
American Metal Market *\$ per long ton	74.17	85.73	76.67	78.29	82.78	91.35	109.90	109.69	101.37	99.72	114.55	113.93	109.60	104.63	102.52	
Ore																
Iron ore (operations in all U.S. districts): Mine productionthous. lg. tons	38,825	46,894	4,253	3,784	4,391	4,759	4,633	74,634	4,508	4,083	4,278	4,243				
Shipments from minesdodododo	141,327 16,749	47,257 16,601	5,354 1,948	5,052 1,173	5,332 1,817	5,604 1,452	5,701 1,493	75,357 2,238	5,461 1,415	2,289 1,467	1,327 986	1,153 900	1,646	1,588	1,974	
U.S. and foreign ores and ore agglomerates	:	,		,	,	,	,		·							}
Receipts at iron and steel plantsdo. Consumption at iron and steel	51,307	58,596	6,127	6,078	5,994	6,330	6,662	6,292	6,598	4,559	2,714	2,952	6,053	6,673	}	
plantsdo.	55,283	60,087	5,035	4,684	5,139	5,194	5,450	5,395	5,765	5,751	5,504	5,903	5,707	6,118		
Exports (domestic)do. Stocks, total, end of perioddo.		6,121 20,944	1,463 19,313	414 19,544	438 19,391	626 19,654	647 20,315	441 20,589	644 20,944	223 21,334	27 21,261	84 20,363	548	363	677	
At mines do. At furnace yards do.	3,255	1,616 16,304	8,342 10,006	7,074	6,132 12,207	5,288 13,343	4,276 14,554	3,571	2,616 16,304	4,410 14,980	7,351 12,190	10,398 9,239	9,585	10,136		
At U.S. docksdo.	1,987	2,024	965	1,120	1,052	1,023	1,485	15,452 1,566	2,024	1,944	1,720	726	1,023			
Manganese (manganese content), general importsdo.	883	801	95	57	58	62	85	116	101	85	64	96	128	63	118	
Pig Iron and Iron Products										i						
Pig iron: Production (including production of																
ferroalloys)thous. sh. tons Consumptiondo		¹ 48,137 ¹ 49,875	4,079 4,123	4,235 4,255	4,165 4,327	4,208 4,327	4,407 4,664	4,351 4,599	4,447 4,647	4,683 4,472	4,443 74,647	4,842 4,914	4,699	4,932	4,497	4,76
Stocks, end of perioddo.	226	281	239	258	262	260	256	4,599 275	274	240	7225	214		·····		
Castings, gray and ductile iron: Shipments, totalthous. sh. tons		9,598	875	786	774	797	962	770	690	674	722	844	⁷ 803	869		
For saledo.		6,342	559	535	539	482	650	533	461	428	477	539	7535			
Castings, malleable iron: Shipments, totaldo		431	41	32	30	39	42	30	35	35	34	46	r38	34		
For saledo	154	202	20	14	16	19	19	13	18	18	16	23	′19	15	·····	·
See footnotes at end of tables.																

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Unless otherwise stated in footnotes below, data through 1986 and Units methodological notes are as shown in Business Statistics: 1986	1986	1987	June	July	Aug.	1987 Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	1988 Apr.	May	June	July
			METAI	LS AND	MANI	JFACTU	JRES-	Continu	ued				·			
Steel, Raw and Semifinished																
Steel (raw): Productionthous. sh. tons Rate of capability utilizationpercent	81,606 63.8	¹ 89,151 79.5	7,349 79.7	7,324 77.3	7,494 79.1	7,694 83.9	8,073 84.4	7,882 85.2	7,916 82.8	8,380 88.1	7,984 89.7	8,763 92.2	8,398 91.4	8,832 93.1	8,031 87.4	8,313 88.0
Steel castings: Shipments, totalthous. sh. tons For sale, totaldo	829: 799	874 850	61 59	67: 65	78 72	80 78	80 79	78 77	80 79	72 70	82 80	95 93	87 785	99 96		
Steel Mill Products Steel products, net shipments:																
Total (all grades)thous. sh. tons By product:	170,263	76,654	6,656	6,295	6,364	6,726	7,077	6,606	6,977	6,608	6,848	7,693	7,082	7,187	7,422	
Semifinished productsdo Structural shapes (heavy),	4,954	¹ 5,456	541	485	546	574	545	550	525	569	515	512	497	502	497	
steel pilingdo Platesdo	¹ 4,528 3,565	5,120 4,048	458 328 39	484 343	429 345	469 382	487 415	444 393	446 429	445 598	470 608	486 689	443 620	475 632	433 686	
Rails and accessoriesdo Bars and tool steel, totaldo	640 12,171	515 13,575	1,117	37 1,037	40 1,089	39 1,189	54 1,176	40 1,114	40 1,082	38 1,030	1,187	43 1,246	45 1,183	45 1,235	43 1,248	
Bars: Hot rolled (including light shapes)do	6,559	7.238	656	473	591	676	671	607	582	581	742	714	650	691	711	
Bars: Reinforcingdo Bars: Cold finisheddo	4,299 1,257	4,918 1,361	342 115	361 114	380 113	390 118	371 128	388 114	385 110	323 121	329 111	390 136	395 133	418 120	410 121	
Pipe and tubingdo Wire and wire productsdo	2,836 1,080	3,570 1,105	341 97	817 94	323 87	340 90	370 95	349 84	859	363 88	365 94	457 103	439 106	411 93	417 109	
Tin mill productsdododo	3,802	3,988	358	361	351	339	317	297	75 435	88 260	94 274	334	353	342	900	
total	36,686 112,167 13,250	39,279 13,048 13,859	3,377 1,112 1,200	3,184 1,075 1,124	3,154 1,023 1,126	3,303 1,041 1,163	3,617 1,163 1,297	3,335 1,110 1,142	3,586 1,238 1,245	3,220 1,009 1,127	3,295 1,033 1,141	3,823 1,234 1,306	3,395 1,056 1,181	3,452 1,065 1,190		
By market (quarterly): Service centers and distributorsdo	115,251	118,629	4,113			4,925			5,291	,		5,185	² 1,669	²1,633	² 1,722	
Construction, incl. maintenancedo Contractors' productsdo	¹ 5,141 ¹ 2,559	5,619 2,701	613			1,474 700			1,470 807			1,493 740	² 501 ² 236	² 529 ² 229	² 532 ² 242	
Automotivedodododododododo	19,871 1674	¹ 11,135 734	157			2,467 176			2,765 218			2,910 287	² 1,001 ² 108	² 1,078 ² 103	² 1,109 ² 125	
Machinery, industrial equip., toolsdo Containers, packaging, ship.	11,323	2,096	372			521			563			656	2229	2210	2227	
materialsdododo	4,075 123,367	4,371 131,337	1,127 6,841	······		1,146 7,981			1,158 8,392			990 8,745	² 373 ² 2,965	² 371 ² 3,034	² 400 ² 3,065	
Producing steel mills, inventory, end of period: Totalmil. sh. tonsmil.	13.2	11.3	11.5	11.3	11.3	11.1	11.0	10.7	11.3	11.9	12.1	11.8	12.0	12.5		
Steel in processdo	7.3 5.9	6.7 4.6	76.6 4.9	6.6 4.7	6.6 4.7	6.4 4.7	6.4 4.6	6.3 4.4	6.7 4.6	7.1 4.8	7.1 5.0	6.9 4.9	7.0 5.0	7.4 5.1	······	
Service centers (warehouses), inventory, end of periodmil. sh. tons.	5.7	6.4	5.7	5.8	5.7	5.7	5.8	6.0	6.4	6.4	6.7	6.8	6.9	7.0		
NONFERROUS METALS AND PRODUCTS																1
Aluminum: Production, primary (dom. and foreign ores)												000				ļ
Recovery from scrap †do	3,036 1,739	3,343 1,847	272 156	282 155	286 158	286 160	301 155	301 152	316 145	320 149	304 155	330 175	324 166	336 157	• • • • • • • • • • • • • • • • • • • •	
Imports (general): Metal and alloys, crudedo Plates, sheets, bars, etcdo	1,468.4 495.3	1,378.0 452.3	133.6 39.4	120.6 39.5	106.1 32.8	105.3 33.0	124.2 42.1	103.6 38.2	101.6 37.2	111.6 36,0	101.4 36.4	115.6 49.7	98.1 34.4	101.5 32.9	88.8 35.9	
Exports: Metal and alloys, crudedo Plates, sheets, bars, etcdo	228.6 203.3	309.9 284.5	16.1 28.5	29.0 19.4	30.6 23.2	30.7 20.6	22.7 22.9	32.1 25.6	39.1 26.8	20.3 25.8	15.1 25.5	21.8 35.1	23.0 28.9	38.0 36.7	47.8 32.0	
Price, U.S. market, 99.7% purity,]	ļ					* .									(
monthly average	5587	.7230	.7254	.7424	.8166	.8069	.8439	.8016	.8339	.8971	.9628	1.0709	1.0712	1.1448	1.2627	
Shipments: Ingot and mill prod. (net ship.)mil. lb.	14,386	15,584	1,433	1,346	1,261	1,334	1,307	1,219	1,353	1,165	1,163	1,398	⁷ 1,246	1,316		
Mill products, totaldo Sheet and platedo	. 11,416 6,629	7,379	1,147 699	1,052 619	1,010 594	1,033 621	1,038 613	944 566	1,055 696	919 537	964 564	1,138 685	'1,033 '608	636		
Castingsdo Inventories, total (ingot, mill products, and	2,187	2,056	170	137	157	169	192	176	154	164	182	213	192 	210		
scrap), end of periodmil. lb.	4,928	4,175	4,474	4,393	4,303	4,152	4,211	4,245	4,175	4,344	4,401	4,388	4,423	4,389		
Copper: Production:	1,450	1.055.0	100.5	105.0	100 0	100.4	105 5	100.7	111.4	1100	1055	100 7	116.4			
Mine, recoverable copper,thous. met. tons. Refined from primary materialsdo Electrolytically refined:	1,147.3 1,073.2		102.5 94.0		108.3 90.2	106.4 102.8	107.5 109.8	109.7 111.8	111.4 115.6	113.8 103.6	105.5 105.4	123.7 115.9	114.8			
From domestic ores @do	. 1947.9 40.2	987.1	80.6	76.5	76.8	89.0	95.4	95.9	98.5	90.4	90.2	97.7	97.3	93.2		
Electrowon do Refined from scrap 0 do do	. 125.4 1406.2	158.9 414.6	13.4 35.1	14.0 29.5	13.4 33.2	13.8 34.5	14.4 35.8	15.9 30.8	17.1 37.1	17.0 34.5	15.3 36.3	18.3 43.2	17.5 36.9	18.6		
Imports, unmanufactured (general): Refined, unrefined,																
scrap (copper cont.)do Refineddo	. 667.5 503.1		80.2 69.3	45.7 37.0	57.3 45.0	42.4 28.6	50.5 35.9	56.3 40.8	48.6 31.1	68.4 49.4	64.1 38.0	63.6 39.0	51.0 33.7	48.0 25.9	43.4 25.1	
Exports:	1							-				Į	1			
Refined and scrapdododododododododododo	. 497.1 . 14.9			39.7 .6	38.0 .5		36.1 .7	38.5 2.3	50.5 3.2	35.5 4.9	50.2 2.0		51.4 5.7	67.1 7.7	9.5	
Consumption, refined (reported by mills, etc.) \(\frac{1}{2} \cdots \cd	, 2,102		188	151	177	185	178	179	180	176	182	209	177	189		
Stocks, refined, end of period \(\lambda \)dododo	6605	173	1	.8042	.8218	.8561	151 .8885	116 1.0853	114 1.3332	12 1.3250	136 1.0752	138 1.0972	136 1.0364	l		Į.
See footnotes at end of tables.	•	•	•		•		. '			•				•		-

Unless otherwise stated in footnotes	Ann	ual				1987							1988			
below, data through 1986 and methodological notes are as shown in BUSINESS STATISTICS: 1986	1986	1987	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
			METAI	LS AND	MANU	FACTU	RES-	Contin	ued				T			
NONFERROUS METALS AND PRODUCTS—Continued																
Copper-base mill and foundry products, shipments (quarterly total):						Ì										
Brass mill productsmil. lb Copper wire mill products	2,318	2,624	637			598			617							
(copper content)do Brass and bronze foundry productsdo	1,792 478	1,922 528	483 135			485 131			481 135							
Lead: Production: Mine, recoverable leadthous. met. tons	339.8	¹ 310.5	26.2	28.9	24.0	28.1	28.4	23.1	25,4	27.9	28.2	36.0	32.7			
Recovered from scrap (lead cont.)do Imports (general), ore (lead content),	² 614.9	¹ 682.1	53.9	59.9	63.4	53.3	67.3	55.9	55.1	52.2	57.5	60.1	55.9	52.2		
metal	103.4 1,124.8	240.3 r ¹ 1,171.3	23.5 100.2	26.2 94.3	24.3 99.7	28.4 108.2	19.2 115.1	21.8 102.8	27.1 97.2	21.2 96.0	21.9 96.4	26.4 115.4	22.2 798.8	20.8 104.8	8.7	
Stocks, end of period: Producers', ore, base bullion, and in process (lead content), ABMSthous. met. tons	74.0	F0.0	ED 4	50 6	07.5	677.0	e0.#	60.0	E0 0	E77 0	E0.0	53.9	59.0	57.8	60.8	
Refiners' (primary), refined and antimonial (lead content)thous. met. tons	74.0 20.0	59.2 21.6	58.4 18.6	58.6 10.6	67.7 11.0	67.0 11.5	69.7 14.9	62.8 18.1	59.2 21.6	57.0 21.8	59.9 26.6	25.8	26.7	24.1	00.0	
Consumers' (lead content) \(\rightarrow \)	83.8	67.7	59.5	60.9	64.3	65.4	65.5	68.2	67.7	70.2	60.7	58.9	r59.3	54.7		
(gross weight)thous. met. tons Price, common grade, delivered @@\$ per lb	19.4 .2205	24.0 .3594	23.8 .3693	25.5 .4167	27.6 .4200	27.3 .4200	27.1 .4200	24.4 .4200	.4200	22.6 .3800	17.0 .3485	17.7 .3400	17.3 .3400	17.1 .3457		
Tin: Imports (for consumption): Ore (tin content)metric tons	4,030	2,967		732	422		56		294	400	128	121	335	1		
Metal, unwrought, unalloyeddo Recovery from scrap, total (tin cont.)do	35,768 7,243	41,151 11,984	3,036 916	4,196 786	3,009 875	3,369 905	4,168 888	3,403 881	1,779 838	2,761 846	2,582 932	3,153 941	3,011 793	3,419 917	4,042	
As metaldodododo	³ 714 50,100	1,457 153,100	4,200	114 4,400	94 4,400	102 4,400	94 4,300	94 4,600	4,400	4,600	119 4,700	92 4,800	4,700	96 5,300		
Primarydododo	37,400 3,022	39,800 1,701	3,200 164	3,500 180	3,500 135	3,500 74	3,300 77	3,600 84	3,400 179	3,600 87	3,700 185	3,800 171	3,700 96	4,200 108	126	
Stocks, pig (industrial), end of perioddo Price, Straits quality (delivered)\$ per lb.	4,802 43.6991	4,428 4.1878	6,663 4.1449	4,288 4.0309	5,373 4.1148	5,533 4.2073	6,402 4.2480	5,460 4.3328	4,428 4.2777	4,490 4.2659	5,989 4.1950	5,631 4.2407	5,868 4.2295	6,584 4.2500		
Zinc: Mine prod., recoverable zincthous. met. tons	203.0	213.2	17.8	17.5	18.8	18.2	18.2	15.8	18.1	16.8	18.2	22.3	21.9	22.0		
Imports (general): Ores (zinc content)do	197.7	425.5	37.2	35.7	38.5	32.7	54.8	32.8	31.1	34.4	27.2	32.6	38.9	37.9	24.6	
Metal (slab, blocks)do Consumption (recoverable zinc content):	667.1	705.9	53.4	66.4	68.5	61.3	67.0	56.5	63.4	53.2	48.6	71.7	66.4	84.5	51.3	
Ores do do do do do do do do do do do do do	21.9 273.8	6.0 1285.6	.5 23.3	.5 24.8	.5 23.4	23.1	.5 25.0	25.0	.5 27.4	26.1	23.1	22.5	22.8	.2 22.8		
Slab zinc: @ Production, total ‡thous. met. tons. Consumption, fabricatorsdo	269.9 2706.0	220.5 r1,047.0	16.6 60.6		14.9 61.4	15.5 59.1	16.3 60.1	14.6 59.0	16.4 84.4	14.9 79.5	16.4 76.4	17.5 110.3	16.4 797.9	16.3 100.0	16.3	16
Exportsdo Stocks, end of period:	. 1.9	1.1	(2)	.1	.2	.3			.1	(2)	.1				(2)	
Producers', at smelter (ABMS)dodo Consumers'do Price, high grade\$ per lb.	. 15.5 . 54.2 . 3800	7.0 45.5 .4192	9.7 44.1 .4505	7.4 44.3 .4567	7.1 43.5 .4443	6.4 42.3 .4259	6.9 41.8 .4175	40.1	7.0 45.5 .4331	6.6 44.3 .4444	4.4 46.0 .4544	4.5 45.0 .4790	3.4 741.5 .5150	4.3 42.2 .5604	.6255	.
MACHINERY AND EQUIPMENT																
Heating, combustion, atmosphere equipment, new orders (domestic), net, qtrly #mil, \$.	. 148.2	1226.0	48.2			101.0			49.4			43.8				ļ
Electric processing heating equipmentdo Fuel-fired processing heating equipdo	. 65.5 . 82.6	54.9 171.1	17.2 31.0		•	15.3 85.7			10.8 38.6		·····	18.2 25.7		••••••		
Material handling equipment (industrial): Shipments †do	ļ	ļ		ļ	•••••					•	•••••	•••••				
Industrial supplies, machinery and equipment: New orders index, seas. adjusted1977=100. Industrial suppliers distribution:	. 119.1	128.7	126.3	124.6	128.0	131.2	134.7	138.2	140.1	142.5	140.4	135.5	134.5	138.2	133.4	
Sales index, seas. adjusted	. 145.0	⁷ 149.1	r148.7	′153.1	r155.4	′151.3	⁷ 155.8	r153.8	⁷ 147.8	153.5	155.0	162.0	161.3	155.5	159.1	162
handling equip., valves, fittings, abrasives, fasteners, metal products, etc.)1977=100. Fluid power products shipments indexes:	. 164.7	166.6	166.5	166.3	166.5	166.9	167.1	167.4	169.0	168.9	168.0	170.2	171.3	171.9	172.1	172
Hydraulic products \$. 98 . 98					105 109	113 116		101 108	119 108	126 120		134 118	′127 ′117	136 124	
Machine tools: Metal cutting type tools:											ar- ·	46			-000	
Orders, new (net), totalmil. \$. Domesticdodododo	. 1,544.25 . 1,376.55 . 1,890.30	1,294,45	98.85	84.60	90.25	116.75	198.15 187.15 134.85	65.75	154.80	205.75	217.95	174.15	195.30 146.45 95.30	205.65	7210.65	167.
Domestic do Order backlog, end of period do	1,890.50 1,684.70 897.2	1.498.85	148.20	127.90	99.85	126.65 697.7	117.95 761.0	110.20	208.90	61.60	97.00	123.95	82.20 1,120.6	100.25	r116.00	126.
Metal forming type tools: Orders, new (net), totaldo	i		1				69.25		67.15		47.65	62.55	57.70	r81.85	144.45	68.
Domesticdododododo	506.80 688.20	536.05 647.15	78.45 68.05	43.90 61.50	36.60 40.05	40.35 57.35	59.55 74.80	36.35 52.10	54.65 62.20	60.30 72.15	40.90 57.55	47.90 68.95	47.00 62.10	773.25 68.45	7134.60 781.25	54. 5 53.
Domesticdo Order backlog, end of perioddo	621.35 307.1	537.90 327.3	54.65 327.4	54.35 326.8	33.60 332.4		63.25 326.2	38.40 322.4	44.05 327.3	64.05 328.7				57.35 321.4	769.25 384.6	
See footnotes at end of tables.	•	•	•			•		,		•				•		•

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August 1988			SUR	VEI	JF CO	RREI	II DU	DIME	3 <u>5</u>							5-41
Unless otherwise stated in footnotes below, data through 1986 and methodological notes are as shown in Business Statistics: 1986	Ann 1986	1987	June	July	Aug.	1987 Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	1988 Apr.	May	June	July
			METAI	LS ANI) MAN	JFACT	URES-	-Contin	ued			L				
MACHINERY AND																
EQUIPMENT—Continued Tractors used in construction, shipments, qtrly:			,													
Tracklaying (ex. shovel loaders) unitsunits	8,440 821.2	r9,668 r973.8	2,891 278.4			2,706 270.2			r2,332 r264.0			2,609 276.0				
Wheel (contractors' off-highway)units mil. \$	5,999 421.9	75,482 7415.5	1,528 111.8			1,437 112.7			71,265 7103.5			1,243 99.4				
Shovel loaders ‡unitsunits	53,723 1,679.0	'62,825 '1,819.5	16,934 469.5			16,809 473.0			716,620 7499.6			15,196 484.5				
ELECTRICAL EQUIPMENT	2,010.0	2,020.0	100.0			2,0,0			100.0			10110				
Batteries (autotype replacement), shipmentsthous	60,306	59,878	5,328	5,015	5,782	6,542	6,889	5,387	5,418	5,524	4,194	4,606	4,031	4,122	4,988	
Radio sets, production, total market ‡‡thous Television sets (incl. combination models), production, total market ‡‡thousthous	² 25,364 23,351	26,775 23,497	2,435 2,094	2,507 1,484	2,524 1,836	3,152 2,373	2,944 2,217	2,609 2,199	1,473 2,232	1,329 1,544	1,567 1,810	1,528 1,909	1,518 1,710	1,736 1,582	2,284 1,931	1,485
Household major appliances (electrical), factory shipments (domestic and export) #thous	45,072	47,838	4,804	r3,975	3,934	4,207	4,047	3,676	3,626	3,557	3,724	3,955	3,895	3,949	4,463	3,824
Air conditioners (room)dododo	2,816 3,918	3,798 4,032	656 369	350 322	196 335	93 342	84 355	62 336	170 331	200 307	324 298	702 308	686 334	647 326	835 330	405 312
Disposers (food waste)do	4,269 12,444 3,318	4,438 12,610 3,346	357 1,027 289	7844 7875	357 978 290	409 1,277 289	436 1,318 307	325 1,210	325 1,149 255	361 957 235	360 950 244	361 761	306 778 253	324 697 244	336 789 260	345 746 252
Refrigerators do do Freezers do do do do do do do do do do do do do	6,510 1,222	6,972 1,260	821 136	286 732 137	700 138	619 109	552 87	285 499 93	470 86	444 91	477 89	251 512 82	533 108	616 112	753 126	778 156
Washers do Dryers (incl. gas) do do do do do do do do do do do do do	5,765 4,245	5,998 4,637	602 426	484 363	520 381	596 450	497 403	470 391	454 370	531 413	519 393	498 359	471 328	515 358	546 383	460 328
Vacuum cleaners (qtrly.)do	9,660	10,417	2,202			2,860			2,733			2,733			2,487	
GAS EQUIPMENT (RESIDENTIAL) Furnaces, warm air, shipmentsthous	2,105	2,073	140	157	203	234	241	194	179	157	134	148	125	118		
Ranges, total, shipmentsdo Water heaters (storage), automatic,	1,940	2,143	183	164	164	200	210	188	197	159	169	171	163	'168	176	
shipmentsdo	3,729	3,951	330	297	290	812	361	310	369	355	320	334	329	317		
	Γ		PET	ROLE	UM, CO	AL, AN	D PRO	DUCTS	3	· · · · · ·						
COAL Anthracite:																
Production †thous. sh. tons Exportsdodo	4,292 1.460	4,177 1,181	359 154	426 121	441 144	441 191	371 180	331 165	310 21	⁷ 215 42	⁷ 268 27	⁷ 279 43	333 58	372 54	355 52	
Producer Price Index1982=100	99.7	100.1	99.4	99.8	100.0	100.1	100.3	101.0	101.1	101.9	101.9	101.9		100.2	100.1	100.3
Bituminous: Production †thous. sh. tons	886,023	912,674	76,555	69,207	80,087	81,854	85,335	78,677	79,275	774,634	77,301	r84,090	76,376	74,030	77,510	71,863
Consumption, total †dododo	801,780 684,227	834,337 716,922	72,021 63,400	80,252 70,632	79,722 69,980	68,768 59,187	67,089 57,051	66,421 55,901	74,187 62,466	78,413 67,702	71,529 61,162	68,994 58,518	53,928	56,256	••••••	
Industrial, totaldodo	111,120 35,973	111,696 36,920	8,383 2,809	9,205 3,263	9,349 3,246	9,059 3,190	9,492 3,295	9,943 3,323	10,983 3,449	9,990 3,216	9,793 3,059	10,080 3,336			• • • • • • • • • • • • • • • • • • • •	
Residential and commercialdo Stocks, end of period, total †do	6,433 168,072	5,719 178,485	238 168,895	416 156,068	393 152,297	522 158,487	546 167,811	577 175,594	739 178,485	721 169,495	573 165,548	396 166,825				
Electric power utilitiesdododo	154,707 13,365	163,857 14,628	156,263 12,633	143,115 12,954	139,023 13,273	144,893 13,594	153,872 13,938	161,311 14,283	163,857 14,628	155,613 13,882	152,406 13,142	154,428 12,397	158,342	159,114		
Oven-coke plantsdo	2,985 84,017	3,879 77.645	3,728 7,174	3,597 6,489	3,465 7,614	3,334 6.474	3,515 6,448	3,697 7.037	3,879 8,009	3,875 4,390	3,872 4,451	3,868 7,099	8,885	7,816	7,998	
Producer Price Index1982=100	100.8	97.1	96.5	96.0	96.1	95.7	96.0	96.3	95.9	195.6	96.2	795.8	95.2	95.4	95.1	95.2
COKE Production:											,				:	
Beehive and oven (byproduct)thous. sh. tons Petroleum coke §do	25,540 36,903	28,037 37,380	7,073 3,121	3,190	3,138	7,438 3,047	3,060	3,158	7,589 3,384	3,464	3,164	7,347 3,414	3,159	3,357		
Stocks, end of period: Oven-coke plants, totaldo	2,066	1,064	1,546			1,436			1,064			902				
At furnace plantsdododo	1,778 288	846 218	1,252 294			1,177 259			846 218			714 188	L			
Petroleum coke ††dododo	1,206 1,063	1,350 650	1,307 50	1,279 98	1,223	1,128 35	1,009 29	1,072 38	1,350 110	1,463 58	1,437 92	1,441 30	1,490 24	1,497 239	76	
PETROLEUM AND PRODUCTS					•				!							
Crude petroleum: Producer Price Index	46.9	55.5	56.4	59.8	61.1	57.8	56.9	56.6	54.1	¹ 50.1	49.7	r47.2	49.0	51.5	50.7	46.0
Gross input to crude oil distillation units ††mil. bbl	4,681.4	4,746.1	399.2	422.0	419.3	399.8	399.8	392.2	414.9	408.3	374.3	410.5	399.9	422.5		
Refinery operating ratio ††% of capacity All oils, supply, demand, and stocks: ††	83	83	85		87	86	83	82	84	83	81	84	84			[
New supply, total \(\int \)mil. bbl Production: Crude petroleumdodo	6,026.1 3,168.3	6,089.6 3,047.4	500.3 248.4	541.9 255.8	536.1 254.5	510.8 246.2	530.2 259.3	515.3 251.9	521.8 257.8	519.9 255.6	493.3 242.9	519.8 258.8	509.5 248.0	530.0 254.3		
Natural gas plant liquids do Imports:	587.1	605.6	48.8	51.0			51.9	51.4	52.2	50.5		52.6	50.0	52.0		
Crude and unfinished oilsdodododododododododododododododododo	1,642.7 628.0	1,837.3 599.4	157.9 45.1	173.9 61.3		162.9 52.4	172.2 46.9	160.6 51.3	156.2 55.5	156.0 57.9	146.1 56.7	158.8 49.6	167.4 44.0	177.2 46.5		
Change in stocks, all oilsdo	73.7	14.9	6.2	l	1	13.7	4.3	25.0	-27.5	-10.2	-22.2	-16.6	19.3	33.8	!	
Product demand, totaldo Exports: Crude petroleumdo	6,227.9 56.2	55.0	525.0 3.5	551.5 4.6	527.2		545.2 2.6	512.3 4.9	573.5 6.8	6.6		569.4 6.7	513.5 3.5	524.9 4.4		
Refined productsdo	229.3	223.0	16.6				17.4	17.1	25.9	21.0	20.8	19.2		20.9		
See footnotes at end of tables.																

Part Part		T					1005							1988			
Description Description	methodological notes are as shown in			June	July	Aug.	1987 Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.		May	June	July
All gels, register, desired, and storks—Continued Decisions and the control of th			PE	TROLE	UM, CO	DAL, A	ND PRO	DUCT	S—Con	tinued							
Department product demand, bank 3.44 4.66 3.05 3	PETROLEUM AND PRODUCTS †Continued																
Destiline for oil			£ 000 F	504.0	F90 F	£00 F	500.1	505.0	400.9	540.0	5940	500.0	E 49 4	409.9	400.6		
Designation of the control and control a	Gasolinedo	2,579.1	2,639.1	227.1	235.9	228.4	216.9	227.2	215.1	225.3	207.8	203.8	226.0	222.2	226.4		
Technology Company C				1 !	1		85.1	97.7	88.0		109.0	101.8	109.9	86.1	85.5		
Section of protects Comparison Comparis	Residual fuel oildo	517.7					38.9 40.8	33.1 45.5	36.1 40.8			46.4 43.7	44.4 43.3		29.3 42.2	•••••	
Expension Control Co	Lubricantsdo	51.9	58.7	5.5 20.1											5.5 17.0		
Cream periode measurements and below and the products of the products and	Liquefied petroleum gasesdo	552.1	588.3	42.0	47.6	42.5	48.6	53.0	52.1	58.5	64.1	57.5	53.0	40.2	41.9	•••••	
Unfinished colls, natural gases — 10.0 1983 180. 181. 181. 181. 181. 181. 181. 181.	Crude petroleumdo	842.8	889.6	854.8	853.8	864.4	871.1	891.5	902.2	889.6	888.2	892.0	898.6	904.4	905.7	*********	•••••
Definition Production	Unfinished oils, natural gaso-	1	Ì	ì								İ		ľ			
Geschie (incl. avisitable) Scooks, and of period December 1997 Prices, regular grade (end. avisitable) Prices, regu	Refined productsdo									579.5	566.8	539.4			547.4		
Production and profit of a p	Refined petroleum products: Gasoline (incl. aviation):	1				,			i								
Producer Present (15.5) a per gal. Sect. S	Productiondo														213.2 190.4		
Petal U.S. city severge (SLS) Sperg Sperge Sper	Prices, regular grade (excl. aviation):		Ì	1			' I					i				ļ	69.9
Lineard So Set 948 988 971 996 996 976 976 961 983 939 935 935 955 975 9	Retail, U.S. city average (BLS):	1		1							1	- 1	1	ŀ		1	1
Production	Unleadeddo			.958	.971		.990	.976	.976	.961	.933		.904	.930			
Netromotic Product Act St.	Productionmil. bb				.9	.9			.5	.7 23	.6 23		.7	.7 2.0	.9 2.0		
Production 1982-100 53.6 54.1 58.2 55.5 57.9 58.1 60.0 60.8 63.8 76.5 55.1 75.7 54.2 53.0 51. Production	Kerosene:	Į.	[ļ								ì	1				
Description	Stocks, end of perioddo		8.4	6.1		7.1	8.0	8.7			7.2	6.9			5.6		
Production	distillate)	53.6	54.1	53.2	55.3	57.9	58.1	60.0	60.8	58.3	² 55.2	55.1	753.7	52.7	54.2	53.0	51.1
Skocks, end of period 1862 1904 114.6 124.7 126.8 121.0 122.0 124.0 124.5 127.2 106.6 83.3 94.3 104.5 105.7	Productionmil. bb																
desilitates	Stocks, end of perioddo Producer Price Index (middle	155.1						121.0	128.0	134.5	127.2	1					
Imports	distillate)	1	1		·												46.9
Production	Importsdo	244.2	206.1	14.4	22.3	15.9	15.8	12.8	17.0	20.2	22.8	23.0	18.9	13.9	13.1		
Production	Stocks, end of perioddo Producer Price Index1982=10	47.4) 44.5	47.4 53.1	41.4 55.1		45.7 61.0	44.4 54.7					45.5 43.5		43.2 40.5		43.7	39.2
Stocks, end of period do 48,7 49,9 45,9 45,9 46,9 47,7 50,2 48,8 51,0 49,9 45,3 45,6 46,7 46,0 46,8 Interioristics		472.0	490 1	37.6	41.8	43.4	41.8	43.6	41.6	44.6	43.9	40.1	45.0	38.7	39.9	<u> </u>	ļ
Production do 58,2 60.9 5.3 5.3 5.2 5.1 5.4 5.2 4.8 5.2 5.1 5.8 5.8 5.8 5.6 5.8	Stocks, end of perioddo						50.2								46.8		<u> </u>
Applaix	Productiondo														5.6 13.8	·····	ļ
Stocks, and of period	Asphalt:			ĺ	ı	1				İ						1	
Production, total	Productiondo Stocks, end of perioddo	149.7 17.7	158.4 18.8	17.1 22.7		19.2 19.7	18.2 18.3								15.3 30.1	•••••	
At gas processing plants (I.F.C). do. do. 466.2 474.5 88.1 39.4 39.2 88.4 40.1 39.8 49.9 39.4 37.5 40.9 39.2 40.9 At refineries (I.R.G.). do. 152.3 188.7 18.8 15.3 14.0 13.7 13.7 13.1 12.5 108.0 97.1 80.7 70.2 68.8 79.7 90.0 8.8 79.0 8.9	Production total de	618.5	638 2	52.0	54.7	53.2	52.1	53.8	52.9	54.3	58.4	51.0	55.9	53.9	56.1		
Stocks (at plants and refineries)	At gas processing plants	466.2	l .						1		1					ĺ	
PULPWOOD Receipts. thous cords (128 cuft.). '90,943 '94,812 '7,743 '8,264 '7,643 '8,061 '8,496 '7,227 '8,803 '7,737 '7,924 '8,345 '7,911 '7,611 '7,611 '7,717 '8,117 '7,125 '1,12	At renneries (L.R.G.)do	152.3	163.7	13.8	15.3	14.0	13.7	13.7	13.1	13.4	14.0	13.4		14.6 79.7			
PULPWOOD Receipts				PIII	P PAP	ER AN	ID PAP	ER PR	ODUCT	S							•
Receipts		T	<u> </u>	102	, 1 211	Lit, Air	DIAL										
Consumption		190.948	194.312	7.743	8.264	7.643	8.061	8.436	7.227	8.003	7,737	7.924	8,345	7,911	7,611		
WASTE PAPER Consumption	Consumptionde	91,434	193,946	7,723	8.195	7,729	7.856	7.984	7,401	8,162	8,223	7,743	8,249	8,137	7,650	L	
Newtories, end of period		1]													
Production: Total	Consumptionthous. sh. tor		118,296		1,508	1,598 745			1,553 817	1,489	1,555 847	1,529 7871			1,611 897		
Production: Total.	- ·		320	1 '''	1	140	010	000	021	00.	031	012	020				
Dissolving pulp do	Production:	71 577 005	r150 250	4.051	E 111	E 000	4.00#	E nee	4 910	E 100	K 072	7.4 Q1/7	r# 000	75 004	1 001		
Groundwood and thermomechanical do "5,476" '5,702 '468 '484 '487 '506 '501 '472 '484 '517 '471 '495 '509 '507 'Semi-chemical do "4,191 '4,246 '355 '864 '333 '359 '367 '352 '339 '376 '350 '360 '354 '373 'Semi-chemical do "4,191 '4,246 '355 '364 '338 '359 '367 '352 '339 '376 '350 '360 '354 '373 'Semi-chemical do "4,191 '4,246 '355 '364 '338 '359 '367 '352 '339 '376 '350 '360 '354 '373 'Semi-chemical do "4,191 '4,246 '355 '364 '338 '359 '367 '352 '339 '376 '350 '360 '354 '373 'Semi-chemical do "4,191 '4,246 '355 '364 '338 '359 '367 '352 '339 '376 '350 '350 '350 '350 '350 '350 '350 '350	Dissolving pulpdo	1,258	1,312	113	123	102	112	88	137	109	98	116	109	105	99	\	
Semi-chemical do 4,191 4,246 355 364 338 359 367 352 389 376 350 360 354 373	Groundwood and thermo-		1	1		İ	1			1							
At pulp mills: Own use woodpulp	Semi-chemicalde	4,191	4,246														
Market pulp at paper and board mills do 7496 529 593 608 539 561 531 499 529 508 503 532 532 513 582 513 582 513 582 513 582 583 618 619 619 619 619 619 619 619 619 619 619	At pulp mills:				150				1,00		1.60	10"	100	100	150		
mills do "496 529 598 608 539 561 591 499 529 508 503 532 532 513	Market pulpde														243		
Dissolving and special alpha do 711 691 1 65 62 65 53 61 72 67 41 79 81 61 101 Ml other do 14,520 454 398 328 377 280 304 450 324 403 569 372 372 396 Imports, all grades, total do 14,840 14,974 390 401 380 546 386 411 415 390 429 432 428 415 <td>millsde</td> <td></td> <td></td> <td></td> <td>1</td> <td>1</td> <td></td> <td>1</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td>1</td>	millsde				1	1		1	1							1	1
All other		711	691	. 1	. 65	62	65	53	61	72	67	41	79	81	61	. 103	
Dissolving and special alphado 148 96 10 2 14 13 11 3 2 10 14 14 12 7 13	All otherde	13,599	1						1	1	•	l .	1	i .		396	3
	Dissolving and special alphade	148	3 9€	10) 2	14	13	11	3	2	10	14	14	12	7	' 13	3
	See footnotes at end of tables.	4,130	4,000	Ί "	1 555		000	1 313	1 400	412	550	710	140	1 410	1 400	402	

August 1988			SURV	EY C	F CU	RREN	T BU	SINES	SS							S-29
Unless otherwise stated in footnotes below, data through 1986 and	Ann	ual				1987							1988			
methodological notes are as shown in BUSINESS STATISTICS: 1986	1986	1987	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
		PUI	P, PAP	ER, Al	ND PAF	ER PR	ODUC	rs—Co	ntinued	l				т		
PAPER AND PAPER PRODUCTS																
Paper and board: Production (API):			ļ						j				ļ			
Total thous, sh. tons Paper dodo	70,889 35,510	174,429 36,990	6,140 3,048	6,238 3,081	6,463 3,163	6,254 3,125	6,390 3,211	6,135 3,066	6,347 3,163	6,466 3,216	6,215 3,119	6,724 3,382	76,311 73,195	76,441 73,176	6,246 3,096	
Paperboarddodo	35,379	37,439	3,092	3,157	3,300	3,129	3,177	3,069	3,184	3,251	3,097	3,342	3,116	73,264	3,150	
Producer Price Indexes: Paperboard	106.6 108.8	118.1 111.2	115.9 110.2	116.1 111.1	119.8 112.2	121.3 113.2	122.1 113.8	122.5 113.4	123.1 113.7	² 126.6 ² 113.7	127.1 114.0	′130.5 ′113.1	132.6 113.3	133.1 113.4	134.0 114.2	
Selected types of paper (API):					į					1			1			
Groundwood paper, uncoated: Orders, new	¹ 1,558 124 ¹ 1,540	¹ 1,542 181 ¹ 1,485	126 124 120	134 137 132	136 148 127	130 153 126	121 150 124	113 153 112	130 181 111	132 187 128	137 197 129	131 7196 139	125 7194 127	156 7209 135	128 221 123	
Coated paper:	2,010	1,400	, 120	102					1				-	1		1
Orders, newdodo Orders, unfilled, end of perioddo Shipmentsdo	469 6,263	17,099 734 6,860	651 604 569	623 647 584	632 678 597	570 666 591	610 729 603	563 693 587	611 734 588	627 693 638	588 692 598	646 7704 653	634 723 609	7622 7724 600	598 733 599	
Uncoated free sheet papers:	110.495	111 100	000	Q/E	906	040	1 020	919	978	944	917	1.032	991	923	909	
Orders, newdo Shipmentsdo	110,485 110,681	¹ 11,189 ¹ 11,228	928 988	945 945	996 968	946 949	1,029 988	919	982	944 963	943	1,032	967	989	917	
Unbleached kraft packaging and industrial converting papers:	ĺ	1	İ													
Shipmentsthous. sh. tons	13,303	13,075	247	244	249	258	259	243	261	262	255	262	255	236	241	
Tissue paper, productiondo	15,095	15,301	439	434	457	447	455	442	449	446	437	474	444	463	450	
Newsprint: Canada:						_		1								!
Productionthous. metric tons Shipments from millsdo Inventory, end of perioddo	9,289 9,302 277	9,673 9,761 193	806 857 273	791 779 286	826 785 326	797 852 271	827 811 286	812 801 298	783 892 193	822 716 295	815 782 328	874 881 321	826 789 359	860 856 363	799 851 311	
United States: Productiondo	5,107	5,300	444	455	452	448	461	437	453	452	434	463	451	466	445	
Shipments from millsdo Inventory, end of perioddo	5,115 49	5,810 36	451 40	452 43	449 46	451 43	456 48	439 46	461 36	437 51	435 51	458 55	446 60	463 63	449 59	
Estimated consumption, all usersdo	11,937	12,322	996	967	1,041	1,050	1,129	1,134	1,050	958	964	1,059	r1,023	71,063	999	
Publishers' stocks, end of period # thous. metric tons	849	900	885	931	905	929	897	866	900	905	931	962	972	⁷ 952	971	
Importsthous. sh. tons Producer Price Index,	8,589	8,975	776	741	708	780	746	777	710	727	697	811	725	766	715	
standard newsprint1982=100	103.3	112.3	108.7	112.7	116.3	116.9	116.9	117.1	117.0	² 127.1	127.9	127.9	127.2	127.5	127.5	127.
Paper products: Shipping containers, corrugated and solid fiber shipmentsmil. sq. ft. surf. area	283,921	297,430	^r 25,490	25,341	24,977	25,925	27,647	23,281	23,141	24,782	24,679	27,222	26,053	24,986	25,830	
			RU	BBER	AND R	UBBEF	PROD	OUCTS								
RUBBER									-							
Natural rubber:										:						
Consumptionthous. metric tons Stocks, end of perioddo	743.56 38.51	7775.38 72.46	56.30 79.00	67.35 82.47	61.41 77.01	61.85 70.56	57.39 65.85	60.63 65.47	69.38 72.46	79.07 74.87	65.16 75.32	88.10 70.69	58.68 74.64	65.73 72.94		
Imports, incl. latex and guayule			İ												40.00	
thous. long tons U.S. Import Price Index †	752.99 101.9	745.67	58.01 109.8	63.22	46.83	58.47	56.76	62.85	77.67 130.6	81.89	68.49	85.65 132.4	67.51	66.18		
Synthetic rubber:	101.9	115.7	109.8			119.1	•••••		130.0			102.4			110.0	
Production thous metric tons Consumption do	2,012.77 1,895.23	r2,184.12	174.97 157.79	186.19 161.88	164.15 163.56	176.04 r172.21	191.00 185.08	182.94 167.56	194.82 7174.09	186.95 158.52	179.13 166.82	201.20 186.80	193.72 *163.05	205.40 172.08		
Stocks, end of perioddo	235.61		241.79	251.86	240.55	222.80	213.60	213.82	r229.72	237.84	235.11	⁷ 229.64	7237.50	246.18		
Exports (Bu. of Census)thous. lg. tons	338.85		36.34	33.56	32.75	38.23	32.93	36.94	36.53	39.07	36.76	41.11	41.02	39.79	40.47	
TIRES AND TUBES					i	Í			1			,				
Pneumatic casings: Productionthous	¹ 190,289	¹ 202,978	16,548	15,796	16,723	17,204	18,956	16,455	16,428	17,345	18,027	19,305	17,642	17 409		
Shipments, totaldo	243,244	255,220	23,829	20,811	20,656	23,218	24,926	21,298	20,326	18,795	19,472	22,808	21,200	22,539		
Original equipmentdo Replacement equipmentdo	61,251 176,659	60,758	5,145 17,984	3,605 16,531	4,316 15,682	4,969 17,517	5,778	4,966 15,584	4,177 15,341	4,713 13,061	5,065 13,243	5,752 15,747	5,606 14,501			
Exportsdo	5,334	8,056	701	676	657	731	18,367 781	748	809	1,021	1,163	1,309	1,093	970		
Stocks, end of period	34,286	34,338	37,872	37,344	37,501	36,234	34,539	33,702	34,338	37,047	39,904	40,737	41,149	40,159	1 157	
Exports (Bu. of Census)do Inner tubes:	5,202	9,580	844	745	793	1,155	849	1,277	1,259	1,328	1,410	1,477	1,598	1,380		
Exports (Bu. of Census)do	809	1,518	149	109	102	. 1	76	96	114	95	138	165	141	161		

5-30			SOR!	VEI C	T CU	RREN	TPU	OTIVE	20						Augu	st 1988
Unless otherwise stated in footnotes below, data through 1986 and Units	Anz	nual				1987							1988			
methodological notes are as shown in BUSINESS STATISTICS: 1986	1986	1987	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
			STO	NE, CL	AY, AN	D GLA	SS PRO	DUCT	\mathbf{s}							
PORTLAND CEMENT																
Shipments, finished cementthous. bbl	470,500	480,410	47,835	49,282	45,638	47,638	50,011	38,298	30,840	20,979	26,293	36,404	39,926	45,356	50,117	
CLAY CONSTRUCTION PRODUCTS						1					ŀ		ł			
Shipments: Brick, unglazed (common and face)	1					1		ŀ	1					1		
mil. standard brick	7,401.9	1 11 3	700.1	721.0	669.3	692.0	704.4	557.4	497.3	398.8	486.7	709.7	685.4	7716.8	776.0	
Structural tile, except facingthous. sh. tons Sewer pipe and fittings, vitrifieddo	108.4 323.6	² 96.1 324.6	16.9 31.4	16.5 31.6	15.9 31.8	15.9 32.5	(2) 36.4	(2) 22.7	(2) 18.5	4.7 18.1	$\frac{4.7}{21.1}$	4.7 31.4	4.7 24.7	5.1 727.5	5.3 34.8	
Floor and wall tile and accessories, glazed and unglazedmi. sq. ft.	505.0	462.0	39.4	36.5	38.6	39.3	40.1	37.7	39.6	35.9	38.4	44.7	40.7	41.3	44.3	
Producer Price Index, brick and structural clay tile	105.2	108.2	108.7	108.6	108.6	108.6	108.6	108.7	108.7	109.9	110.5	r110.4	110.4	111.1	111.2	111.2
GLASS AND GLASS PRODUCTS		100.2	100.1	100.0	100.0	100.0	100.0	100.1	100.1	100.0	110.0	110.4	110.4	*****	111.0	111.2
Flat glass, mfrs.' shipmentsthous. \$	1,259,746	1,457,587	354,994			392,126			378,798			353,737				
Glass containers: Production †thous. gross	289,253	285,030	25,870	25,351	25,570	22,590	25,269	20,023	18,693	21,588	22,497	24,506	24,950	25,027	24,789	
Shipments, total †do	283,057	281,636	26,710	25,957	24,261	23,378	23,446	19,047	20,271	21,875	20,864	22,522	24,327	24,834	25,764	!
Narrow-neck containers: Food †do	25,266	27,252	2,735	2,607	2,409	2,494	1,981	1,579	1,690	1,837	1,815	2,211	2,445	2,532	2,367	
Beveragedo Beerdo	86.922	62,434 85,357	6,471 7,740	5,950 8,161	5,962 7,003	5,203 6,694	4,896 7,513	4,085 6,117	4,183 6,517	3,885 7,928 2,153	4,260 6,645	5,178 6,032	5,753 7,503	5,617 8,142	6,342 7,546	
Liquor and wine †do Wide-mouth containers:	27,856	28,382	3,243	2,565	2,196	2,056	2,280	1,787	2,115	2,153	2,068	2,423	2,523	2,518	2,718	
Food and dairy productsdo	62,795	62,673	5,399	5,368	5,507	5,891	5,599	4,460	4,766	5,198	5,256	5,508	5,225	5,091	5,874	
Narrow-neck and wide-mouth containers: Medicinal and toiletdo	18,843	14,167	1,038	1,220	1,060	949	1,098	916	897	788	737	1,050	787	879	850	
Chemical, household, and industrialdo	1,490	1,371	84	86	124	91	79	103	103	86	83	120	91	55	67	
Stocks, end of period †do	39,912	41,926	41,925	41,019	42,499	41,343	42,881	43,836	41,926	40,948	42,680	44,569	44,953	44,970	43,908	
GYPSUM AND PRODUCTS															ı	
Production: Crude gypsum (exc. byproduct)thous. sh. tons	115,403	7 15,612	1,422	1,313	1,316	1,161	1,432	1,442	1,218 1,274	1,031	1,075	1,297	1,272	1,231 1,327		
Calcineddododo	"17,061 9,559	717,592 9,717	1,284 884	1,486 810	1,427 821	1,396 879	1,566 952	1,441 817	1,274 635	1,255 837	1,361 801	1,402 512	1,524 986	1,321		
Sales of gypsum products:		r16,324	567	264	309	317	311	654	591	342	306	378	359	415		
Uncalcineddo Calcined:	1	.,			309	911	911			ľ						
Industrial plastersdo Building plasters, total	l l		40	12	11	10	14	10	9	10	20	11	13	11		
(incl. Keene's cement)do Board products, total			23 1,705	23 1,784	23 1,775	22 1,775	23 1,916	25 1,675	19 1,501	18 1,468	21 1,595	23 1,896	21 1,687	20 1,667		
Lathdo	24	23	2	2	2	2	2	2	1	2	2	2	1	2	•	
Veneer basedo	^{r1} 454 ^{r1} 338	^{r1} 479 ^{r1} 313	42 27	45 25	43 26	43 25	46 28	41 27	36 22	36 19	36 19	44 27	41 24	40 25		
Regular gypsum boarddododo	⁷¹ 13,817	r113,920 r14,489	1,031 475	1,084 492	1,086 482	1,090 480	1,171 519	1,021 451	914 425	884 420	975 451	1,154 528	1,003 473	998 462		
Predecorated wallboarddo	ri 132	ri 128	10	10	10	10	10	9	10	9 49	9	10	9	9		
5/16 mobile home boarddo Water/moisture resistant boarddo		^{r1} 598	66 52	72 54	73 53	74 52	81 58	62 62	42 51	49 48	51 52	72 59	80 55	77 53		
				TF	EXTILE	PROD	UCTS								,	,
FABRIC																
Woven fabric, finishing plants:			·													
Production (finished fabric)mil. linear yd Cottondo	2,522				l		······································									
Manmade fiber and silk fabricsdo Inventories held at end of perioddodo	4,271															
Cotton do Manmade fiber and silk fabrics do																
Backlog of finishing ordersdo																
Cottondo Manmade fiber and silk fabricsdo					·····		······				· · · · · · · · · · · · · · · · · · ·		ļ			
COTTON AND MANUFACTURES			[
Cotton (excluding linters): Production:																
Ginnings &thous. running bales Crop estimatethous. net weight bales §	9,438 3 9,731			12,907	429 12,846	3,197 13,336	7,534 13,336	11,082 13,936	13,278 14,281		ļ					. 136 14,934
Consumptionthous, running bales Stocks in the United States, total, end of	1	1	³708	540	606	³753	621	606	³ 6 10	568	590	3738	556	551	⁷ 662	423
period #thous. running bales Domestic cotton, totaldo.	3 13,416 13,416	13,722 13,722	6,577 6,577	4,787 4,787	16,263 16,263	16,242 16,242	15,581 15,581	14,823 14,823	13,722 13,722	12,394 12,394	11,245 11,245	9,711 9,711	8,607 8,607	7,707 7,707	6,567 6,567	
On farms and in transitdo. Public storage and compressesdo.	2.540	2,525	1,097 4,807	300 3,809	12,376		7,652 7,398	4,825	2,525	1,470 10,197	1,312 1,312 9,151	953 7,972	791 7,028	968 5,987	761	
Consuming establishmentsdo.	10,252	642	673	678	648	579	531	542	642	727	782	786	788	752	733	
See footnotes at end of tables.	•		-		-		•									

Unless otherwise stated in footnotes below, data through 1986 and methodological notes are as shown in Business Statistics: 1986	Ann	ual														
Desirand Statistics, 1000	1986	1987	June	July	Aug.	1987 Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	1988 Apr.	May	June	July
	-	L	Т.	EXTIL	E PROI	DUCTS-	–Conti	nued		1						L
COTTON AND MANUFACTURES—Cont.	T															
Cotton (excluding linters)—Continued								,								
Exportsthous running bales Importsthous net-weight bales §	7	5,683 2	422 (1)	400	395	295	346	580	681	626 (1)	698	735	541	488	523	
Price(farm), American upland \(\frac{1}{2} \cdots \)cents per lb Price, Strict Low Middling, Grade 41, staple 34	³51.5	364.6	66.2	68.3	63.7	64.9	64.4	65.0	64.2	60.6	56.8	57.7	59.4	58.9	761.2	1
(1½'s"), average 10 marketscents per lb	360.0	³ 53.2	70.4	73.1	75.9	71.4	64.3	64.7	62.3	59.7	57.8	59.6	60.1	61.6	62.9	57.4
Spindle activity (cotton system spindles): Active spindles, last working day, totalmil	11.8	11.6	11.7	11.7	11.8	11.8	11.8	11.6	11.6	11.6	11.5	11.7	11.7	11.7	11.7	
Consuming 100 percent cottondo Spindle hours operated, all	4.6	4.6	4.6	4.6	4.7	4.8	4.7	4.6	4.6	4.6	4.6	4.7	4.7	4.6	4.6	4.6
fibers, total	81.5 309	82.9 .319	47.8 .310	5.8 .292	6.4 .322	47.9 .318	6.7 .335	6.6 .328	16.8 .272	6.2 .308	6.4 .319	48.0 .321	6.7 .334	76.5 7.324	7.9 .316	
Consuming 100 percent cottondo	29.2	32.3	13.0	2.3	2.6	43.3	2.7	2.6	12.6	2.3	2.5	3.1	2.5	2.4	2.9	1.9
Cotton cloth: Cotton broadwoven goods over 12" in width							1	į		1						ļ
Production (qtrly.)mil. sq. yd Orders, unfilled, end of period, compared	24,364	4,772	120			1,199			1,195							
with average weekly production no. weeks' prod.																
Inventories, end of period, compared with avg. weekly productionno. weeks' prod																
Ratio of stocks to unfilled orders (at cotton mills), end of period															•••••	
Exports, raw cotton equivalent thous. net-weight bales §	293.6	260.0	22.1	19.0	23.0	19.9	20.6	20.5	19.9	21.1	23.4	29.6	25.4	23.4	.	
Imports, raw cotton equivalent do Producer Price Index, gray cotton	1,322.2	1,617.2	140.4	143.3	140.4	130.1	146.6	143.8	135.3	98.7	102.6	107.6	98.6	90.4	······································	*************
broadwovens1982=100	101.1	105.2	103.3	106.0	103.9	107.1	109.5	110.6	111.5	5112.7	114.3	⁷ 114.5	115.8	116.0	115.9	115.8
MANMADE FIBERS AND MANUFACTURES	ŀ							1				j				
Fiber production, qtrly: Acetate filament yarnmil. lb	214.8	191.1	46.7			45.2			53.0			49.1				
Rayon staple, including towdo Noncellulosic, except textile glass:	Į.	413.8	100.5			103.6			108.4			106.6				**************
Yarn and monofilamentsdodododo	3,836.7 3,991.8	4,009.7 4,306.2	1,014.7 1,108.6			1,014.2 1,058.6			1,023.2 1,069.5			1,015.5 1,066.6			······	
Textile glass fiberdo Fiber stocks, producers', end of period:																
Acetate filament yarn mil. lb Rayon staple, including tow dodo	14.8 22.4	14.2 20.7	14.0 25.1			12.9 18.2			14.2 20.7			13.2 20.3			l	
Noncellulosic fiber, except textile glass: Yarn and monofilamentsdo		298.4	290.3			279.1			298.4			299.4				
Staple, incl. tow	326.4	319.6	333.2			329.8			319.6							
Manmade fiber and silk broadwoven fabrics:	i															
Production (qtrly.), totalmil. sq. yd Filament yarn (100%) fabricsdo												·····				
Chiefly rayon and/or acetate fabricsdo																
Chiefly nylon fabricsdo. Spun yarn (100%) fabricsdo.																
Rayon and/or acetate fabrics, blendsdo.														••••		
Polyester blends with cottondo. Acetate filament and spun	1							•••••						***************************************		
yarn fabricsdo . Producer Price Index, gray synthetic			• • • • • • • • • • • • • • • • • • • •								*************					
broadwovens1982=100	101.9	105.6	105.3	106.4	106.9	107.9	108.6	109.0	109.2	⁵ 110.0	111.1	7111.6	111.9	112.3	113.0	113.4
Manmade fiber textile trade: Exports, manmade fiber equivalentmil. lbs	519.31	591.87	52.23	42.61	48.25	52.37	51.24	52.66	51.09	63.42	72.30	88.68	81.83	83.50		
Yarn, tops, thread, clothdododododo.	228.77 134.58	260.31 152.65	23.45 14.73	17.22 9.31	21.01 13.52	23.60 13.79	22.60 12.80	22.62 13.36	23.22 13.27	26.56 12.54	31.16 12.81	37.16 16.56	33.54 14.97	31.55 13.48		
Manufactured prods., apparel, furnishingsdo.	290.53	331.56	28.78	25.40	27.24	28.77	28.64	30.04	27.88	36.86	41.14	51.51	48.28	51.94		
Imports, manmade fiber equivalentdo. Yarn, tops, thread, clothdo.		1,805.44 280.00	178.33 27.10	190.72 26.95	174.07 25.24	145.57 20.32	147.60 23.08	114.00 20.16	120.66 21.21	141.98 22.22	135.01 18.86	125.48 21.23	123.22 22.11	148.77 23.40		
Cloth, wovendo. Manufactured products, apparel,	207.18	182.52	16.81	17.54	17.48	12.26	14.48	13.31	14.62	14.63	12.49	14.93	15.87	16.54		
furnishingsdo. Apparel, totaldo.	929.36	1,525.44 1,033.22	151.23 104.58	163.77 116.64	148.84 103.88	125.25 85.41	124.53 82.65	93.84 59.53	99.45 64.24	119.76 82.40	116.15 76.04	104.25 64.60	101.11 63.34	125.36 83.24	L	
Knit appareldo.	431.18	485.36	53.96	62.10	54.51	45.89	40.60	24.70	23.02	28.54	26.86	23.63	25.71	38.50		·
WOOL AND MANUFACTURES Wool consumption, mill (clean basis):		1						1	;							
Apparel class mil. lt Carpet class do	o 126.8 10.0	129.7 13.1	*12.7 *.9	9.0 1.2	9.4 1.4	*11.7 *1.2	10.9 1.4	9.6 1.1	111.2	10.1 1.3	10.1 1.4	*13.5 *1.8	10.1 1.3	9.6 1.3	12.9 1.2	
Wool imports, clean yielddodododo	97.0	105.1	8.9 3.1	1.2 8.6 3.7	8.4 3.2	6.7 2.8	7.0 2.0	8.2 2.7	9.0 1.7	12.0 2.7	12.7 1.9	8.8 2.1	9.1 1.7	8.6 1.9		
Wool prices, raw, shorn, clean basis, delivered to U.S. mills:			,										-			
Domestic—Graded territory, 64's, staple 2%; and updollars per.lb	1.91	2.65	0.70	2.70	3.00	2.95	3.00	3.00	3.00	0.5	3.97	4.35	4.53	4.63	4.60	
Australian, 64's, Type 62, duty-paiddo.	2.36	3.24	2.70 3.35	3.32	3.73	3.41	3.48	3.47	3.56	3.15 3.91	4.68	4.96	5.64	5.64		
Wool broadwoven goods, exc. felts: Production (qtrly.)mil. sq. yd	134.1	168.9	45.9			36.0			40.9				<u></u>			
FLOOR COVERINGS	1	1	ļ						1							
Carpet, rugs, carpeting (woven, tufted, other), shipments, quarterly #mil. sq. yde	i 1,254.2	71,303.8	341.9			335.6			r315.5			310.5			ļ	
APPAREL	1															
Women's, misses', juniors' apparel cuttings: †	8,959	23,982	6,638			6,232			4,380							
Logis there units		174,982	47,423			40,096 1,445		•••••	35,126 1,881						{	
Coatsthous units Dresses	101,024	7 450														
Dresses		. 7,458	1,619 25,397			28,822			26,722			•••••				
Dressesdodododo	89,769 219,716	7,458 111,162 294,791	25,397 80,088			28,822 78,495										

S-32			SUR	EYC	F CU	RREN	IBU	SINE	55						Augu	st 1988
Unless otherwise stated in footnotes below, data through 1986 and methodological notes are as shown in	Ann 1986	ual 1987	June	July	4	1987 Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	1988 Apr.	May	June	July
Business Statistics: 1986	1000	. 1901			Aug.				Dec.	7811.	reo.	MIBI.	Apr.	intaly	June	
			T	EXTIL	E PROI	OUCTS-	–Conti	nued						- Т		
APPAREL—Continued Men's apparel cuttings: ## Suits	10,552 19,794 293,423 48,028	12,167 18,236 7480,350 86,649	2,874 4,154 120,967 23,861			2,925 4,578 125,823 21,140			2,967 3,955 109,568 19,689				04.510	04.006	OT 004	
Hosiery, shipmentsthous. doz. pairs	313,244	308,982	24,363	27,509	24,060	25,018	28,333	26,545	22,875	24,013	25,729	26,184	24,718	24,886	27,084	
		1	T	KANSP	ORTAT	TON E	QUIPM	LENT						1		
AEROSPACE VEHICLES Orders, new (net), qtrly, total	3110,836 368,001 3106,686	³ 119,098 ³ 64,892 ³ 115,298														***************************************
Sales (net), receipts, or billings, quarterly, totaldo U.S. Governmentdo	³105,577 ³65,326	3109,053 367,680														
Backlog of orders, end of period #	3148,212 395,009 362,032 314,859															
Missiles, space vehicle systems, engines, propulsion units, and partsmil. \$. Other related operations (conversions, modifications), products, servicesmil. \$. Aircraft (complete):	³ 24,320 ³ 17,422	*30,259 *16,527														
Shipmentsdo Exports, commercialdo	12,518.0 7,207	12,295.0 7,380	1,041.2 346	1,143.1 987	685.1 390	1,081.5 730	878.9 335	885.2 781	1,767.7 903	737.4 504	1,235.3 744	1,447.5 1,056	1,363.1 1,003	1,573.1 1,063		
MOTOR VEHICLES (NEW)	7,516 6,869 11,450 8,215 3,235	\$7,085 \$6,487 10,278 7,081 3,197	665 595 943 657 286 10.4 7.2 3.2	373 349 913 611 302 10.7 7.4 3.3	377 355 968 654 314 12.0 8.3 3.7	582 529 905 613 292 11.7 8.2 3.6	670 610 802 524 278 9.2 5.9	583 533 737 486 251 9.6 6.4 3.2	500 458 843 551 293 10.8 7.4 3.4	7472 7435 765 531 234 10.7 7.5	7563 7504 888 649 238 11.1 7.9 3.2	7665 7592 1,006 734 272 10.6 7.5 3.1	7613 7552 901 652 250 10.5 7.2 3.3	7690 7626 974 702 272 10.4 7.3 3.0	726 670 1,010 722 287 *11.0 *7.8	*25
Imports §do Retail inventories, domestics, end of period: § Not seasonally adjustedthous Seasonally adjusteddo Inventory-retail sales ratio, domestics §	1,499 1,515 2.2	1,680 1,702 2.9	1,900 1,838 3.1	1,657 1,686 2.7	1,438 1,563 2.2	1,396 1,487 2.2	3.3 1,559 1,655 3.4	1,692 1,745	1,680	1,677 1,626 2.6	1,608 1,518 2.3	1,572 1,485 2.4	1,571 1,503 2.5	1,595 1,563 2.6	1,663 7,590 92.4	1,40 1,47 2.
Exports (BuCensus), total do To Canada do Imports (ITC), complete units do From Canada, total do Registrations ◊, total new vehicles do	669.46 639.67 4,691.3 1,162.2	627.65 561.88 4,589.0 926.9 10,122	77.14 72.45 435.2 89.0 963	25.31 20.14 393.1 51.8 899	31.58 29.11 342.7 34.8 903	49.22 47.20 297.8 57.4 955	51.14 44.07 423.6 81.5	69.70 58.71 427.8 103.1 718	48.55 41.72 487.5 92.7 840	43.80 33.94 379.8 91.0 774	68.14 60.17 369.2 107.3 810	83.71 70.40 355.2 114.0 919	68.78 57.38 394.7 117.8 852	74.91 64.12 378.9 114.9 874	67.33 52.51 121.3 981	
Imports, including domestically sponsoreddo	3,444	3,625	334	340	339	363	318	286	J J	285	281	306	284	290	333	ļ.
Trucks and buses: Factory sales (from U.S. plants): Total	. 3,393 3,130	*3,821 *3,509	334 304	261 243	305 287	325 299	364 333	303 276	294 268	317 295	344 318	402 364	340 311	366 333	372 343	
Retail sales, domestics:	. 1275.8	3,786.1 302.3	402.3 375.7 26.6 357.1 332.7	367.8 341.5 26.3 352.2 327.7 24.5	25.3 406.9 380.5	328.7 302.7 26.0 338.7 313.5 25.3	331.4 305.4 26.1 344.7 319.9	323.9 299.9 24.0 346.3 317.6	27.3 342.6 316.8	306.6 284.3 22.3 4362.6 4336.3 426.3	374.8 348.1 26.7 384.6 353.8 30.9	439.7 407.4 32.3 374.5 344.6 29.9	382.4 350.2 32.1 377.2 348.2 29.0	426.0 395.8 30.2 386.4 357.0 29.4	426.9 395.8 31.1 365.3 337.5 27.8	356 29 396
10,001 lbs. GVW and over	. 815.7 854.5 209.06	229.27	24.4 975.9 942.4 23.96 123.32	883.7 963.6 14.68	26.4 874.4 926.1 12.95 91.66	898.4 945.1 21.20 93.15	967.3 987.4 19.19	990.4 991.8 24.14 112.94	967.9 1,015.4 21.16	1,024.0 1,007.0 18.65			1,020.4 968.4 23.32	992.9 943.8	987.6 953.4 22.14	851 928
Registrations \Diamond , new vehicles, excluding buses not produced on truck chassisthous			485		1	459	403	367	417	384	379	443	432	432	487	ļ
Truck trailers and chassis, complete (excludes detachables), shipments	167,312 120,647	180,142	ļ	l	15,483	16,394 12,281 54	16,379 12,157 42	10,467	10,579	12,661 8,946 37	14,601 10,791 39	11,325		r10,226	15,018	
Trailer chassis (detachable), sold separatelydo	15,360	1	ì	3,521	2,175	2,323	1,794	ì	ł	1	2,497	2,356			2,554	1
RAILROAD EQUIPMENT Freight cars (new), for domestic use; all railroads and private car lines (excludes rebuilt cars and cars for export): Shipmentsnumber	11,508	113,236	3,198			3,848			3,552			4,457			4,598	
Equipment manufacturers do. New orders do. Equipment manufacturers do. Unfilled orders, end of period do. Equipment manufacturers do.	2,677 2,677	117,368 117,368 6,736	4,780 4,780 5,432			3,848 3,951 3,951 5,535 5,535			3,552 5,077 5,077 6,736 6,736			4,457 7,244 7,209 12,727 12,692			4,598 9,131 9,131 17,255 17,225	
Freight cars (revenue), class I railroads(AAR): ‡ Number owned, end of periodthous Capacity (carrying), total, end of month mil. tons Average per car	799 67.20	63.63	65.19	64.72	64.65	759 64.33 84.80	755 64.02 84.83	63.49	63.63	744 63.37 85.13	742 63.52 85.58	63.38	63.21	738 63.10 85.48	62.87	i
See footnotes at end of tables.	7 34.14		1	1 .00	03.10	04.00	1 04.00	1 04.00	55.01	1		00.25	30.00	50.40	50.00	

FOOTNOTES FOR PAGES S-1 THROUGH S-32

General Notes for all Pages:

- r Revised.
- p Preliminary. e Estimated.

Page S-1

- † Revised series. See Tables 2.6 2.9 in the July 1988 SURVEY for revised estimates
- Includes inventory valuation and capital consumption adjustments.
- § Monthly estimates equal the centered three-month average of personal saving as a percentage of the centered three-month moving average of disposable personal income
- ♦ See note "♦" for p. S-2.

Page S-2

- 1. Based on data not seasonally adjusted.

 © Effective Oct. 1987 SURVEY, the industrial production index has been revised back to Jan. 1985. These revisions are available upon request # Includes data not shown separately.

 - † See note "†" for p. S-8. ‡ See note "‡" for p. S-8.

Page S-3

- # Includes data for items not shown separately.
 † See note "†" for p. S-8.
 ‡ See note "‡" for p. S-8.

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

- @ Compiled by Dun & Bradstreet, Inc.
- 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 Feb. 1988 SURVEY, data (back to 1984, for some commodities) have been revised. Effective with July 1988 SURVEY, data (back to 1982, for some commodities) bear revised. These revisions are available upon request.

 ♦ See note "†" for p. S-6.

Page S-6

- § Effective with the release of the January 1988 index, all producer price indexes previously expressed on a base of 1967=100, or any other base through December 1981, have been rebased to 1982=100. Only indexes with a base later than December 1981 remain unchanged. Selection of the 1982 period was made to coincide with the reference year of the shipment weights, which have been taken primarily from the 1982 Census of Manufactures. The last rebasing of these indexes occurred in February 1971, when the 1967 base was substituted for the 1957-59 base. Historical data on the new base are available upon request. For producer price indexes of individual commodities, see respective commodities in the Industry section beginning p. S-19. All indexes subject to revision four months after original publication.
- # Includes data for items not shown separately.

 † Effective with the release of the January 1988 index, all consumer price indexes previously expressed on a base of 1967=100, or any other base through December 1981, have been rebased to 1982-84=100. Only indexes with a base later than December 1981 remain unchanged. Selection of the 1982-84 period was made to coincide with the updated expenditure weights, which are based upon data tabulated from the Consumer Expenditure Surveys for 1982, 1983, and 1984. The last rebasing of these indexes occurred in February 1971, when the 1967 base was substituted for the 1957-59 base. Historical data on the new base are available upon request. Beginning with January 1987, data are calculated using 1982-84 expenditure patterns and updated population weights. Additional information regathese changes is available from the Bureau of Labor Statistics, Washington, DC 20212.

Page S-7

- 1 Computed from cumulative valuation total
- 2. Index as of Aug. 1, 1988: building, 386.5; construction, 422.8.
- # Includes data for items not shown separately.

 § Data for July, Oct., and Dec. 1987, and Mar. 1988 are for five weeks; other months

Address requests for data to:

Statistical Series Branch Current Business Analysis Division Bureau of Economic Analysis U.S. Department of Commerce Washington, D.C. 20230

- ♦ Effective Feb. 1988 SURVEY, data for seasonally adjusted housing starts have been revised back to 1985. These revisions are available upon request.
- † Effective May 1988 SURVEY, data for seasonally adjusted building permits have been
- revised back to Jan. 1986. These revisions are available upon request.

 @ Effective July 1988 SURVEY, data have been revised back to Jan. 1985. In addition to the normal revisions to the unadjusted and seasonally adjusted data, the "Improvements" component of private residential buildings has been revised back to 1982 to adjust for a change in estimation of the monthly data. Revised data are available from the Construction Statistics Division at the Bureau of the Census, Washington, DC 20233.
- ‡ Effective July 1988 SURVEY, data have been revised back to 1985 and are available upon request.

Page S-8

- 1. Advance estimate.
- ♦ Home mortgage rates (conventional first mortgages) are under money and interest
- Data include guaranteed direct loans sold.
- Includes data for items not shown separately.
- @ Effective Oct. 1987 SURVEY, data are for mortgage loans closed as FSLIC-insured institutions. Historical data back to 1976 are available upon request.
- † Effective April 1988 SURVEY, wholesale trade data have been revised back to Jan. 1983. Revised data and a summary of changes appear in the report. Revised Monthly Wholesale Trade Sales and Inventories BW-13-87S, available from the Bureau of the Census, Washington, DC 20233.
- ‡ Effective April 1988 SURVEY, retail trade data have been revised. Estimates of retail sales and inventories have been revised back to January 1983. Some series have been revised back to 1978. Revised data and a summary of changes appear in the report Revised Monthly Retail Sales and Inventories BR-13-87S, available from the Bureau of the Census, Washington, DC 20233.

Page S-9

- 1 Advance estimate
- Includes data for items not shown separately.
- ★ Effective with the January 1988 SURVEY, the seasonally adjusted labor force series have been revised back to January 1983. The January 1988 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 1983-87 revision period are in the February 1988 issue of *Employment and Earnings*.

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

 @ Data include resident armed forces.
- See note "‡" for p. S-8.

Page S-10

- See note "\$" for p. S-9.
- § Effective June 1988 SURVEY, data have been revised back to April 1986 (not seasonally adjusted) and January 1983 (seasonally adjusted) to reflect new benchmarks and seasonal adjustment factors. The June 1988 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. Effective Feb. 1988 SURVEY, this series has been revised back to 1983 to reflect new seasonal factors for the CPI-W. Revised data are available upon request. §§ Wages as of Aug. 1, 1988: Common, \$17.41; Skilled, \$22.71.

 † Excludes farm, household, and Federal workers.
- † Excludes farm, household, and Federal workers. ‡‡ See note "‡" for p. S-11.

Page S-13

- Average for Dec
- 2. Effective December 31, 1987, eight brokers and dealers in commercial paper were added to the reporting panel resulting in a series break. End of month figures on the are as follows: All issuers, 352,915; financial companies, 275,907; dealer placed, 103,667; directly placed, 172,240; and nonfinancial companies, 77,008.
- † Effective Aug. 1988, SURVEY, free reserves have been restated to correspond with the Federal Reserve's computation, which is as follows: excess reserves, minus borrowings, plus extended credit. Historical data back to 1961 are available upon request.
- ‡ Effective Jan. 1988, series revised due to changes in the panel of reporting banks. The new reporting panel of 168 banks accounts for about 52 percent of total assets in U.S. offices of domestically-chartered banks. Back data have been estimated for the years 1984-87.
- # Includes data for items not shown separately.
- "Transaction balances other than demand deposits" consists of ATS, NOW, super NOW, and telephone transfer accounts.
- § 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
- @ Insured unemployment (all programs) data include claims filed under extended duration provisions of regular State laws; amounts paid under these programs are excluded from state benefits paid data.
- @@ Insured unemployment as a percent of average covered employment in a 12-month
- period.

 ** Effective Aug. 1987 SURVEY, data are provided by the Farm Credit Corporation of America on a quarterly basis. Quarterly data are available back to first quarter 1985, with annual data available back to 1961.

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.
- 3. Beginning Feb. 1988, data temporarily suspended by the Farm Credit Administra-
- tion, which is revising the information it collects and amending the reports it distributes.

 § Effective Mar. 1988 SURVEY, data have been revised to reflect new benchmark and
- assonal adjustments. These revisions are available upon request.
 † Effective Apr. 1988 SURVEY, the consumer installment credit series have been revised back to Jan. 1980 to reflect newly available historical information and to incorporate new seasonal factors. These revisions are available upon request.
- # 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.
- §§ Effective Apr. 1988 SURVEY, a total adjustment of \$920 million for fiscal year (FY) 1987 and \$1,565 million thru Feb. 1988 has been distributed by month for notes issued by the Federal Savings and Loan Insurance Corporation (FSLIC) in lieu of cash and not reported as outlays. The previous adjustment, in the Feb. 1988 SURVEY, has been reversed prior to these corrections. Effective Sept. 1987 SURVEY, the outlays for the Federal Deposit Insurance Corporation (FDIC) have been adjusted by \$442 million for 1986 and \$158 million for 1987 to reflect FDIC debentures issued in lieu of cash and not reported previously as outlays.
 - ‡‡ Courtesy of Metals Week.
 - @@ Average effective rate
- Revised for periods between October 1986 and February 1987. During this interval, outstanding gold certificates were inadvertently in excess of the gold stock.

Page S-15

- 1. Beginning in the first quarter 1987, the universe of manufacturing corporations was redefined to exclude corporations with less than \$250,000 in assets at the time of sample
- † Effective Feb. 1988 SURVEY, the money stock measures and components have been revised and are available from the Banking Section of the Division of Research and Statistics at the Federal Reserve Board, Washington, D.C. 20551.
- ‡ Composition of the money stock measures is as follows
- M1.—This measure is currency plus demand deposits at commercial banks and interestearning checkable deposits at all depository institutions—namely NOW accounts, automatic transfer from savings (ATS) accounts, and credit union share draft balances—as well as a small amount of demand deposits at thrift institutions that cannot, using present data sources, be separated from interest-earning checkable deposits.
- M2.—This measure adds to M1 overnight repurchase agreements (RP's) issued by commercial banks and certain overnight Eurodollars (those issued by Caribbean branches of member banks) held by U.S. nonbank residents, money market mutual fund shares, and savings and small-denomination time deposits (those issued in denominations of less than \$100,000) at all depository institutions. Depository institutions are commercial banks (including U.S. agencies and branches of foreign banks, Edge Act corporations, and foreign investment companies), mutual savings banks, savings and loan associations, and credit unions.
- M3.—This measure equals M2 plus large-denomination time deposits (those issued in denominations of \$100,000 or more) at all depository institutions (including negotiable CD's) plus term RP's issued by commercial banks and savings and loan association
- L.—This broad measure of liquid assets equals M3 plus other liquid assets consisting of other Eurodollar holdings of U.S. nonbank residents, bankers acceptances, commercial
- paper, savings bonds, and marketable liquid Treasury obligations.

 ‡‡ Includes ATS and NOW balances at all depository institutions, credit union share draft balances, and demand deposits at thrift institutions.
- ♦ Overnight (and continuing contract) RP's are those issued by commercial banks to the nonbank public, and overnight Eurodollars are those issued by Caribbean branches of member banks to U.S. nonbank customers.
- @ Small time deposits are those issued in amounts of less than \$100,000. Large time deposits are those issued in amounts of \$100,000 or more and are net of the holdings of domestic banks, thrift institutions, the U.S. Government, money market mutual funds, and foreign banks and official institutions.

- Includes data for items not shown separately.
- § Effective Apr. 1988 SURVEY, 1987 data have been revised. Revisions for Jan. 1987: long-term, 7,486; short-term, 372.

Page S-16

- @ Effective with the June 1988 SURVEY, total exports and imports have been revised back to Jan. 1986. These revisions are available upon request. Data may not equal the sum of the geographic regions, or commodity groups and principal commodities, because the revisions to the totals are not reflected in the component items.
- † Effective with the June 1988 SURVEY, seasonal adjustment of exports and imports was reintroduced. The monthly data were last adjusted for December 1985. Historical data from Jan. 1986 forward are available upon request.
- § 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.

Page S-17

- @ See note for p. S-16.
- See note for p. S-16.
- # Includes data not shown separately.

Page S-18

- 1. Annual total; quarterly or monthly revisions are not available.
- Restaurant sales index data represent hotels and motor hotels only.
- Includes data for items not shown separately
- § Total revenues, expenses, and income for all groups of carriers also reflect nonscheduled service.

 * Data have been revised back to 1981. They now include commuter railroads and small
- transit systems. Revised data are available upon request.
- ‡ 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.
- ♦ Average daily rent per room occupied, not scheduled lates.

 ## 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.

 @ Changes in these unit value indexes may reflect changes in quality or product mix as well as price changes.

Page S-19

- 1. Reported annual total; monthly revisions are not available.
- 2. 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.
- ‡ Data for 1985-86 (and 1984, for inorganic chemical production items) have been revised and are available upon request.
- ♦ Beginning January, 1986, data are not directly comparable to earlier periods because the data represent only companies that have annual revenues over \$100 million.

Page S-20

- 1. Reported annual total; monthly or quarterly revisions are not available.
- Data are no longer available
- § Data are not wholly comparable from year to year because of changes from one classi-
- Data for 1985-86 have been revised and are available upon request.
- @ Includes less than 500 electric generation customers not shown separately.
- Effective with the May 1988 SURVEY, data have been revised back to 1985 and are available upon request.

Page S-21

- 1. Previous year's crop. New crop is not reported until Sept. (crop year: Sept. 1-Aug. 31).
- Crop estimate for the year.
- Stocks as of June 1.
- 4. Stocks as of June 1 and represents previous year's crop; new crop not reported until June (beginning of new crop year).

 5. Less than 50,000 bushels.
- Stock estimates for barley and oats are available once a year as June 1 stocks and shown here in the May column and (as previous year's crop) in the annual column.
 - 7. Stocks as of Dec. 1.
- See note "\$" for p. S-6 regarding a change to a new reference base in 1988.
- Prices are no longer available.
- 10. Based on quotations for fewer than 12 months. 11. Aug. 1 estimate of the 1988 crop.
- Excludes pearl barley.
- # Bags of 100 lbs.
- @ Quarterly data represent the 3-month periods Dec.-Feb., Mar.-May, June-Aug.,
- and Sept. -Nov. Annual data represent Dec.-Nov.

 † Coverage for 21 selected States, representing approximately 85 percent of U.S. production.

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- 1. Monthly quotation not available.
- See note "\$" for p. S-6 regarding a change to a new reference base in 1988. See note "†" for this page.
- Cases of 30 dozen.
- Bags of 60 kilograms.
- Effective with the release of 1st Qtr. 1988 data, the import price index for coffee has been discontinued by BLS and replaced in the SURVEY with the import price index for coffee and coffee substitutes. The weighting structure used for the import price index reflects U.S. foreign trade flows based on 1985 data. Indexes, beginning with 2nd Qtr. 1975, are available upon request.

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- Crop estimate for the year.
 Reported annual total; revisions not distributed to the months.
- 3. Data suppressed because they did not meet publication standards of the Bureau of the Census.
- 4. See note "\$" for p. S-6 regarding a change to a new reference base in 1988.
- 5. Aug. 1 estimate of the 1988 crop.
 # Totals include data for items not shown separately.

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- 1. Annual data; monthly revisions not available.
- See note "\$" for p. S-6 regarding a change to a new reference base in 1988.
 New series from the American Metal Market. The composite scrap price represents the average of consumers' buying prices, delivered, at the following markets: Chicago, Pittsburgh, and Philadelphia. Annual and monthly composite price data are available back to January 1982.

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- 1. Annual data; monthly revisions are not available.
- 2. For month shown
- @ Beginning 1987, includes foreign ores.
- 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.

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- 1. Annual data; monthly revisions are not available.
- 2. Less than 50 tons
- 3. Total for 5 months; data for May, June, Sept., Nov., and Dec.
- Total for 10 months; no data for Jan. and Feb.
 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.
- † For an explanation of material handling equipment shipments and historical data, see p. S-35 of the Dec. 1985 SURVEY.
 - @@ Beginning Oct. 1986, the Lead price represents North American Mean.

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- See note "\$" for p. S-6 regarding a change to a new reference base in 1988.
 Beginning January 1986, data have been restated because a new methodology has
- # Includes data for items not shown separately.
- Includes nonmarketable catalyst coke. See also note "††" for this page.

 Includes small amounts of "other hydrocarbons and alcohol new supply (field production)," not shown separately.

 † Effective with the Oct. 1987 SURVEY, coal production data for 1986 have been revised.
- Effective with the May 1988 SURVEY, coal consumption and stocks back through 1986 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 June 1988 SURVEY, data for 1987 have been revised and are available upon request.
- ‡‡ March, June, September and December are five-week months. All others consist of four weeks.

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- 1. Reported annual totals; revisions not allocated to the months.
- See note "\$" for p. S-6 regarding a change to a new reference base in 1988.
 # Includes data for items not shown separately.
 † Except for price data, see note "††" for p. S-27.

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- 1. Reported annual totals; revisions not allocated to the months.
- 2. See note "\$" for p. S-6 regarding a change to a new reference base in 1988.

 ♦ Source: American Paper Institute. Total U.S. estimated consumption by all newspaper
- # Compiled by the American Newspaper Publishers Association.
 † Effective with the April 1988 SURVEY, the import price index for natural rubber has been revised. The index is now expressed on a base of 1985=100. Also new weights based on 1985 trade flows have been applied to all data from 1985 onward. Revised data are available back to 4th qtr. 1983.

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- 1. Reported annual total; revisions not allocated to the months.
- 2. Monthly data are being withheld to avoid disclosing data from individual firms. Annual total covers 9 months.
- 3. Data cover five weeks; other months, four weeks.
- Includes data for items not shown separately.
- Cumulative ginnings to the end of month indicated.
- Data for 1987 have been revised and are available upon request.

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- 1. Less than 500 bales.
- 2. Annual total includes revisions not distributed to the months.
- Average for crop year; Aug. 1-Jul. 31.
- For five weeks: other months four weeks.
- See note "§" for p. S-6 regarding a change to a new reference base in 1988.
- ♦ Based on 480-lb. bales, preliminary price reflects sales as of the 15th; revised price reflects total quantity purchased and dollars paid for the entire month (revised price includes discounts and premiums).

 # Beginning 1st Qtr. 1986; quarterly data are estimated by the American Textile
- Manufacturers Institute based on annual data collected by the Bureau of Census
 - Bales of 480 lbs..
- Beginning 1st Qtr. 1987, data are not comparable with earlier periods. Girls apparel are now included with women's, misses' and juniors' and boys' apparel are now included with men's. Also, some classification changes were made.

Page S-32

- 1. Annual total includes revisions not distributed to the months.
- 2. Production of new vehicles (thous. of units) for July 1988: passenger cars, 367; trucks and buses, 235.
- 3. Data are reported on an annual basis only
- 4. Effective with the Feb. 1988 SURVEY, data have been revised back to 1985 and are available upon request.
- 5. Beginning with January 1987, data include Honda, Nissan, and Toyota passenger cars produced in U.S. plants.
- 6. Beginning with January 1987, data include Nissan trucks produced in U.S. plants.
 7. Beginning with 1st qtr. 1987, jeans, jean-cut casual and dungarees are included with
- See note "†" for this page.
 Effective with July 1988 SURVEY, data have been revised back to 1985 and are avail-
- able upon request.

 # Total includes backlog for nonrelated products and services and basic research.
- § Domestics comprise all cars assembled in the U.S. and cars assembled in Canada and imported to the U.S. under the provisions of the Automotive Products Trade Act of 1965. Imports comprise all other cars.
- ♦ Courtesy of R.L. Polk & Co.; republication prohibited. Because data for some states are not available, month-to-month comparisons are not strictly valid.

 ‡ Excludes railroad-owned private refrigerator cars and private line cars.
- ‡ Excludes railroad-owned private retrigerator cars and private rine cars.
 † Effective with the Mar. 1988 SURVEY, retail inventories for trucks and buses have been restated to exclude captive imports (vehicles manufactured overseas by U.S. affiliation of the captive imports (vehicles manufactured overseas by U.S. affiliation). ates). These data are available back through 1966.

 ‡‡ See note "†" for page S-31.

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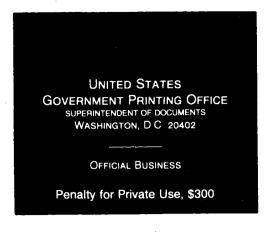
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[†]A transfer of the Plant and Equipment Expenditures survey to the Census Bureau is planned. Under the plan, the Census Bureau will issue this release on the date (revised) indicated.

^{*} These are target dates and are subject to revision.